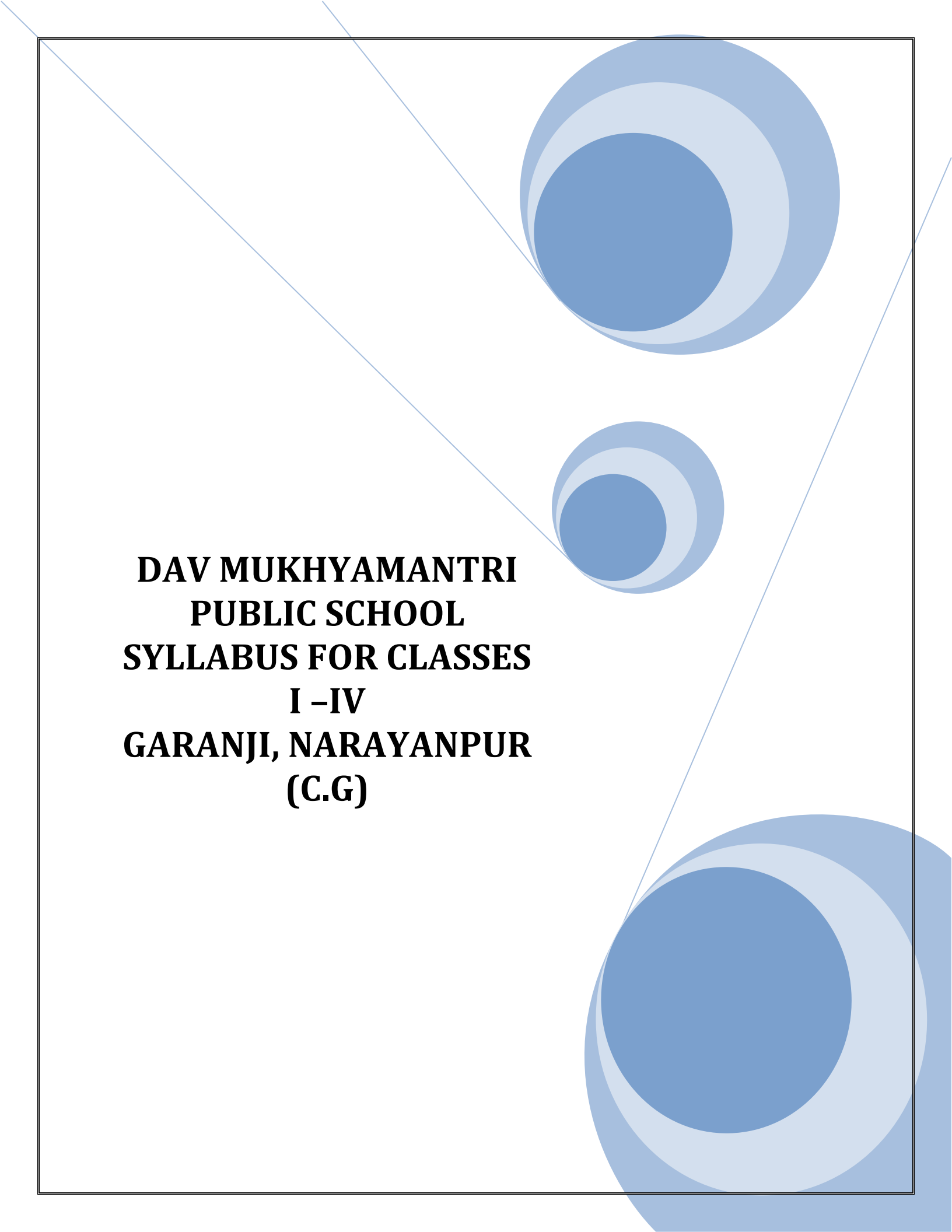




DAV MUKHYAMANTRI PUBLIC SCHOOL

GARANJI, NARAYANPUR (C.G)
STUDENT DETAILS FOR THE
ACADEMIC YEAR
2018-19



**DAV MUKHYAMANTRI
PUBLIC SCHOOL
SYLLABUS FOR CLASSES
I –IV
GARANJI, NARAYANPUR
(C.G)**

DAV MUKHYAMANTRI PUBLIC SCHOOL
CLASS I, SYLLABUS FOR 2018-19

ENGLISH

I-Cycle

- L-1 The Pet
- L-2 The Naughty Cat
- L-3 A Funny Funny Zoo
- L-4 Neha in a Jeep
- L-5 The Big Bell
- L-6 The Hot Spoon
- L-7 A Shop in the Ship
- L-8 Chintu and Chicks

Poem-One Thing at a Time.
Practice Book-Pgs-1 to 23

Grammar-

1. Revision of Vowels, This and That
Prepositions- in, on, under, behind,
over.
2. Articles- a, an, the
3. Opposite words, This , That
4. Punctuation (Capital letters, small
letters and full stop)
5. Identification of Noun.

Activities:

1. Draw and paste the pictures of five
pets and five wild animals and write
3-4 lines on your favourite pet and
speak it out.
2. Identify the pictures of Sound
Words shown to you and tell the
spelling of the word.
3. Make a family tree with pictures of
your family members and write one
sentence about each member of your
family.

II-Cycle

- L-9 The Thief and the Thorn
- L- 10 The Puss in the Class
- L- 12 Vicky and Nicky
- L- 13 The King's Ring
- L-15 Anil and Geeta

- L- 16 Out of the Cage
- L- 18 Clever Chicks
- L- 19 Tommy

Poem-My Mummy.

Practice Book- Pgs 24 to 49

Grammar

1. Pronouns (I, We, You, He, She, It,
They, His, Her, Its, My, Our, Your,
Their)
2. Numbers (singular and plural),
These and Those
3. Verbs (Is, Am, Are, Was, Were,
Has, Have, Will)

Activity: Categorization of sentences
into past , present and future .

FINAL TERM

- L-20 A Picnic
 - L-21 Raju's Bunny
 - L-22 Kitty's Birthday
 - L-23 The Ants
 - L-24 The Greedy Monkey
 - L-25 Golu's Shop
 - L-26 Neha in the Forest
- Practice Book-Pgs 43 to 79

Grammar

1. Revision of all the topics of
grammar.
2. Jumbled sentences

MATHEMATICS

I- Cycle

- S.No. Topic Page no.
1. Comparison (1 -16)
 2. Number concept (17 -42)
 3. Counting (1-99)
 4. Reverse counting (50-1)
 5. Number names (1-50)

II- Cycle

- S. No. Topic Page no.

1. Addition and subtraction (0-20) (43-53)
2. Shapes (54-63)
3. Number concept (0-100) (64-77)
4. Length (78-80)
5. Add and Subtract (81-83)
6. Weight (84-87)
7. Table of 2 and 3

Final term

S. No. Topic Page

1. More on Addition (0-99) (88-92)
2. Capacity (93-94)
3. More on subtraction (95-99)
4. Time (100-105)
5. Money (106-114)
6. Tables of 2-5

ACTIVITIES:

1) Live activity based on the comparison in : Measurement (between lunch box and pencil box). Height (with the children and the teacher).

Activity based on number cards.

Ascending and Descending order (with the help of children of varying heights/using the swings, rides etc.,).

2) Abacus will be used to demonstrate the place value of ones, tens and hundreds as well as for ascending and descending order.

3) Worksheets based on number exercises will be given to the students.

4) Abacus and bindies will be used to solve the problem of addition and subtraction.

5) Number line will be used to clear the concept of Addition and Subtraction.

6) Children will write the first letter of the picture and find the names of different shapes.

7) Different type of clocks including wrist watch will be shown to the students and it will be explained that how clock helps us to know time.

8) Children will imprint the coins of different denomination with the help of a pencil.

9) Articles of different lengths will be shown to the students. Students will be asked to compare them by considering length.

E.V.S

MY LIVING WORLD

I- Cycle Term

Lesson-1 More about me.

Activities -

- Make a badge of yourself.
- Guess and tell using your sense organs.

Lesson 2 -Keeping Clean

Activity -Bring and paste wrappers of any five items which help us to remain clean and maintain health and hygiene.

Lesson 3 -Our Food

Activity-Bring a healthy and vegetarian breakfast for school.

II-Cycle Term

Lesson 4 -Keeping Healthy

Activity -Catch and throw ball game activity.

Lesson 5 -Clothing

Activity-Draw the picture of a boy or a girl and decorate it with any one kind of clothes we wear in any one kind of season.

Lesson 6-A house is a must

Activity-Speak five sentences on the significance and need of a house.

Lesson 7 -Who are they?

Activity -Make a family tree.

Lesson 8-We are a happy family

Activity -How many members are there in your family and what do you and your family do for each other? Click some photographs and paste them.

Lesson 9 Fairs and Festivals

Activity -Collect pictures of any two religious places and historical places.

Final term

Lesson 10 -Know your Surroundings

Activity -Collect and paste pictures explaining difference between mountains, forests, deserts and plains. (Any 2places)

Lesson 11 -Plants

Activity - Paste the things on a picture of a tree which we get from different parts of a tree.

Lesson 12 -The animals and kingdom

Activity- The students will be shown pictures of different animals and they will classify them into domestic and wild animals.

Lesson 13 Water

Activity -Draw the pictures of different sources of water.

Lesson 14 -Important places

Activity-Students will make a collage of important places of their neighborhood.

Lesson 15 -Let us meet them.

Activity -Guess who am I?

हिन्दी

पाठ्य पुस्तकें:

भाषा माधुरी भाग -१

भाषा अभ्यास-१

प्रथम सत्र

२. अमन

३. आ की मात्रा समझदार अजय

४. इ की मात्रा रविार का ददन

५. ई की मात्रा दीपाली आई

६. उ की मात्रा गुड़िया की शादी

कविता : १. राजा बेटा २. शाम हुई

भाषा अभ्यास :- पेज १ से २४ तक

रचनात्मक कायय---

(१) अ. िर्यमाला:- वपटारी से उचचत

स्ि चुनकर शब्द पूरे करना ।

ब. ममचित स्ि-व्यंजनों को

पहचानकर अलग-अलग करना ।

(२) शब्द को पहली आिाि िाले

िर्य से ममलाना ।

से

अ

के

आ

जैसे:-

सेब, आम, केला, अमरूद

दूसरा सत्र

८. ऊ की मात्रा जादूगर का जाद

९. ए की मात्रा मेला

१०. ऐ की मात्रा शैला की मैना

११. ओ की मात्रा होली का ददन

१२. औ की मात्रा कौशल की

सालचगरह

कविता :- १. पररयों की रानी २. ननहीं
चचड़िया

भाषा अभ्यास :- पेज २५ से ४८ तक

रचनात्मक कायय-

(१) शब्दों को सही क्रम में लगाकर

विक्रय बनाना ।

जैसे:- अमन / मत / बन / नटखट ।

(२) कक्षा में ददखाई देने वाले

ककनहीं पाँच विस्तुओं की चचत्र

रचना करके रंग भरना तथा नाम

मलखना ।

तृतीय सत्र

१३. अं की मात्रा संजय की पतंग

१४. आँ वाले शब्द ताँगे वाले

की माँछें

१७, मस्त कलंदर

१८. अच्छी परी

२०. योगशाला

कविता:- गुब्बारे वाले

भाषा अभ्यास :- पेज ४९ से ६६ तक

रचनात्मक कायय -

(१) चचत्रों की सहायता से कहानी पूरी
करना ।

जैसे:- एक ददन एक ----- को एक
----- का ममला आदद ।

(२) अपनी पसंद के खखलौने का चचत्र
बनाकर चार पंक्तियाँ मलखना ।

(३) विद्यालय में ककए गए चार
कायय का विर्यन अपने शब्दों में
करना ।

(४) चचत्र देखकर विमभनन मात्राओं
वाले शब्दों को मलखाना ।

DAV MUKHYAMANTRI PUBLIC SCHOOL

CLASS II, SYLLABUS FOR 2018-19

ENGLISH

I- Cycle

1. Sheetal
2. Riddle
3. Puss and Parrot
4. The Helpful Friend
5. Little Pussy
6. Spark in the Dark
7. The Sailing Trip
8. A Mouse in the House
9. The Rainbow

Practice Book: Pages 1-20

- Articles
- Helping Verbs
- Prepositions
- Noun
- Pronoun
- Present Tense
- Punctuation

Writing Skills:-

- A true friend (Any pet, person or anything)

Activity:-

- Use of any 10 new words which you have learnt during this cycle(in speaking)
- Use of new words in sentences(in writing)

II-Cycle

10. The Magic Match Box
11. Where is the Pink Whale?
12. The Crow's Nest
13. The Foamy Soap
14. Let's Draw
15. When I was a Baby
16. Hanuman
17. The Silver Tray

18. An Inch of Gold
19. When did Sheetal.....?

Practice Book: Pages 21-42

- Verbs
- Adjectives
- Past Tense
- Punctuation

Writing Skills:-

- Character sketch of Hanuman
- My favorite festival

Activity:-

- Movie Hanuman
- Group discussion based on the movie

III-Cycle

20. The Sparrows
21. Wonder
22. Two Shops
23. The School in the Jungle
24. Whose is it???
25. That is Your Bag, Not Mine
26. The Swing
27. Tomorrow 'will' be a Holiday
28. Raghu, the Dreamer

Practice Book: Pages 43-55

- One and Many
- Use of (What, Where, When ,Who, How)
- Future Tense
- Punctuation

Activity:-

- Crossword with vocabulary
- MCQ based on Grammar

EVS

I-Cycle

Chapter- 1. More about me

2. More on personal cleanliness and good habits
3. Our food .
4. Our clothes
5. A house to live in.

Activity-

1. Work sheet----- Identify the different body parts and write their names on the space provided .
2. To prepare a hygiene kit. Containing the items like:-eating mat, Napkins, sensitizer, hand wash etc.
3. Classify the given food items under healthy and unhealthy food.
4. Collect and paste the pictures of different clothes according to the different seasons.
5. Paste pictures of different kinds of houses in the note book.

II-Cycle

Chapter 6. Neighborhood

7. Plants around us
8. Animal World.
9. Living and non living things.
10. Water.

Activity- .

1. Collect and paste the pictures of important services nearby your house , Like school , hospital, post office , market and bank.
2. Find different names of the trees from the given grid and write their Names.
3. Make a tabular chart of animals with the products which we get from them.
4. To make comparison between living and non living things.
5. **Let us all conserve it (water).**
Understanding the importance of water, students will make model of different sources of water.

Final Term

Chapter-11. Weather and seasons

12. Means of Transport
13. Traffic Rules
14. Important Days
15. Great Leaders of Arya Samaj

Activity—

1. To make a wind chime (with bottle lids and wool)
2. To make flash cards of road safety rules to display on display board in the class.
3. Paste the pictures of the Red Fort, India Gate, Supreme court of India, Indian Parliament . Write one sentence on each of them.

Math

I-Cycle Term

Counting from 1 up to 999, Number names from up to 999, Missing numbers, after/before/between , place value, greater than/less than/equal to, ascending/ descending order, Tables from 2 to 6, Brain teasers , Addition with carrying .

Activities – 1 Count , add and tell the numbers (By putting the balls in the different jars).

2 Concept of H T O by using teaching kit- Abacus.

II-Cycle Term

Subtraction by borrowing , Money, Odd /Even, Shapes, Time, Table of 7 , 8.

Activities –1 Concept of Odd/Even will be cleared by the game -- ‘Oonch-Neech ka papda` .

2 Students will make design patterns with help of different shapes.

Final Term

Dodging tables from 2 to 10, Multiplication, Weight, Capacity, Length, Fractions.

Activities- 1 To find measurement ,length and weight ,students will use inch-tape

and weighing machine.(In pairs)
2 Hand do activity related Fraction by using
glaze paper.

रचनात्मक कायद - १ आज की ताजा खबर --
ढफली व गेंद के द्वारा (वाचन श्रवण)।
२ चचत्र पूरा करो। (रचनात्मक)

हिन्दी

प्रथम - सत्र

भाषा माधुरी – पाठ -ठीक काम करें, दादी का
गाँव, मेँनित का फल, जन्महदन, दाँत का
ददद| कववता - सीखो।

भाषा अभ्यास - पेज़ संख्या - १ से २७ तक|
मेरा पररचय ,संज्ञा , सवदनाम।

रचनात्मक कायद - १ कमज़ोर कड़ी कौन ?
(श्रवण कौशल)

२ संज्ञा (फलैश कार्ड द्वारा)।

द्ववतीय - सत्र

भाषा माधुरी - पाठ- बाल हदवस, प्यारे पेड़, दो
तोते, चतुर चीकू , रोटी।

कववता – बादल , सीख ।

भाषा अभ्यास - पेज़- २८ से ४८, ५२ से ५५ ,
मेरा वप्रय पशु / पक्षी, क्रिया , ववशेषण।

रचनात्मक कायद - १ पशु-पक्षी प्रेम (लघु
नाहटका / अभभनय कौशल)।

२ पत्तों की बंदनवार बनाना (नाम सहित)।

तृतीय - सत्र

भाषा माधुरी – पाठ- राजू का सपना , अभ्यास
, रोबोट , टेलीफोन की घंटी , यि हदल्ली िै।

कववता – मेला , रेल ।

भाषा अभ्यास - पेज़- - ४९ से ५१ , ५६ से ७४,
पहठत गद्यांश , मेरा वप्रय स्थान अथवा

खखलौना, काल -- (वतदमान

काल/भूतकाल/भववष्य काल)

DAV MUKHYAMANTRI PUBLIC SCHOOL
CLASS III, SYLLABUS FOR 2018-19

ENGLISH

I-Cycle Term

Unit No.1 Animal World

1. Poem – I speak , I say I talk
2. Dolphins
3. Dog
4. At the Zoo
5. The Canary
6. The Ostrich and the Hedgehog
7. Arjuna’s friends of the forest
8. Amazing Animals and birds

Grammar

1. Noun(kinds of Noun, Common Noun, Proper Noun)
2. Pronoun
3. How many? (Numbers)
4. Tense(Present Tense)
5. Punctuation
6. Unseen passage for comprehension

Writing skill:-

1. Paragraph writing based on animal world

Activity

1. Prepare mask of different animals whom you like the most and speak a few sentences on them.
2. Write a conversation between an animal and a bird.

II Cycle Term

Unit No. 2

1. Nature cares
2. The God of River

3. Poem – Trees are the Kindest things I know
4. Minu and Dino
5. Trees
6. Chipko Movement
7. Harmful effects of Polybags
8. Regard for values
9. Nina is the Winner
10. Poem - Two little Kittens
11. Krishna and Sudama

Grammar

1. Adjective
2. Verbs
3. Preposition
4. Articles
5. Tense (Past Tense)
6. Punctuation
7. Unseen Passage

Writing Skills

Writing a story or a paragraph on the topics ‘Nature’ and ‘Friendship’.

Activities

1. Make a poster on water pollution & speak few sentences on it.
2. Write different slogans to save trees.
3. Give five different situations and the students will guess what will they do.

Final Term

1. The Birthday Kitten
2. The Plate of Gold

Adventure

3. Man learns to fly
4. Poem - The Key
5. Michael goes climbing
6. The Magic room
7. Florence Nightingale
8. India's young heroes

Grammar

1. Subject and predicate
2. Unseen Passage
3. Tense(Future)
4. Punctuation

Writing Skill:

- Frame a story by using Word Bank
- Leave application

Activities

1. Collect stories and pictures of courageous children from Newspapers & Magazines & discuss in the class.
2. Paste Photographs of the brave children who got bravery award on the eve of Republic day- 2017, by the President of India & speak on anyone act of bravery done by them.
3. Vocabulary based crossword puzzle.

G.SCIENCE

I-Cycle Term

1. My body
2. Plants around us-
3. Water

Activities :

1. Test your sense organs.

- a. By identifying different taste buds of tongue as sweet, sour, salty & bitter.
- b. By identifying different sounds.
- c. By touching different objects.

2. Go for a nature walk nearby your home, in school garden.
Identify herb, shrub, climbers, creeper, trees etc, and compare them in respect of their type of stem, their size & life span. Click a picture of each and paste in your scrap book.
3. Worksheet based on water.

II- Cycle Term

4. Importance of plants.
7. Bird and their nests.
8. Cooking and eating habits.

Activities

1. To collect different things/items we get from plants and display it in classroom.
2. To prepare a card of cooking methods of different food items.
3. Make a model of nest using fallen leaves, cotton, sticks etc.

Final Term

4. Leaf.
5. Animals.
6. Feeding habits of animals.
7. Food

Activities:

1. Observe the world of leaves closely and create innovative shapes of different animals.
2. Paste any five medicinal leaves.
3. Make a collage of animals living in plains, forests and cold regions.
4. Prepare a presentation on feeding habits of animals.
5. Healthy class party with food that are parts of a pant.

SOCIAL SCIENCE

I- Cycle Term Chapters

Final Term

<u>Chapters</u>	<u>Activities related to Chapters</u>
1. The family 2. Family similarities 3. Our food 4. Our dresses	Students Personal Biodata will be filled in their note book. <input type="checkbox"/> Rangoli making in notebook. <input type="checkbox"/> Vegetable Printing (Onion, Ladyfinger) <input type="checkbox"/> Paste the names of the pictures of Indian spices with their English names. <input type="checkbox"/> Draw & Paste picture of a couple of any state & name the dress & jewellery they are wearing.

<u>Chapters</u>	<u>Activities related to Chapters</u>
10. Beautiful homes 11. Directions 12. Conquering Distances 13. Closing distances 14. I am proud to be an Indian	<input type="checkbox"/> Cross Word Puzzle <input type="checkbox"/> To take children out & around for explaining directions. <input type="checkbox"/> Most post offices have letterboxes of three colours. Find out what they indicate. <input type="checkbox"/> Draw the picture of development of Wheel. <input type="checkbox"/> Make a pictorial collage on means of communication. <input type="checkbox"/> Map of India (Educational aid group activity)

II-Cycle Term

MATHS

I Cycle Test

1. Numbers up to 9999
2. Addition
3. Subtraction

ACTIVITIES:-

1. Construct an abacus for any 4- digit number using bindis.
2. A set of questions and answers will be given to the students where each question will represent a particular colour. The students will colour the answers accordingly.
7
3. Worksheet regarding Addition & Subtraction.

II Cycle Test

4. Multiplication
5. Division
6. Length
7. Weight
8. Capacity

Activities:-

1. Multiplication Game- I HAVE, WHO HAS?

<u>Chapters</u>	<u>Activities related to Chapters</u>
5. The Early man 6. Learning about works 7. If you believe, you can, you will 8. Let us enjoy 9. Our Homes	<input type="checkbox"/> To make a list of things which are used in our homes to make our life comfortable- Draw or paste pictures related to that. <input type="checkbox"/> Cross word Puzzle from Early Man <input type="checkbox"/> To know about Our Metro Engineer ' Sh. Mangu Singh' & 'Milkha Singh' A runner <input type="checkbox"/> Write & paste pictures of the games you play in your leisure time. <input type="checkbox"/> Make a collage showing different types of houses in different regions. <input type="checkbox"/> Watch the Movie " Mein bhi hu Kalaam".

2. Paste 5 pictures each of few objects which we buy in terms of length and capacity.
3. Make a tool for measuring weight using waste materials.

FINAL TERM

9. Day, date and time
10. Money
11. Geometry
12. Fraction

Activities:-

1. Worksheet of Clock.
2. Paste pictures of various objects having shapes of cylinder, cube or cuboid.
3. Students will be asked to paste wrappers of any five things that they have bought and evaluate the total cost of all those things.
4. Writing the fractions of the shaded portions of the given pictures.

हिन्दी

प्रथम चक्र

भाषा माधुरी

१. भोलू भुलक्कक्कड़
२. चतुर कौआ
३. हाथी और चचड़इया
४. चींटी ने पाठ पढ़ाया
५. बहादुर दोस्त

भाषा अभ्यास:- पृष्ठ सींख्या १ से 1०

व्याकरण:- सींजा, क्रिया, वचन बदलो, ललींग बदलो, ववलोम शब्द,अनुच्छेद,चचत्र वर्णन,शब्द सीढी, सींवाद,बबींदु और चींद्रबबन्दु का प्रयोग ।

गततववचि:-

- १.द्ववत्त व्यींजनों द्वारा शब्द तनमाणर्

- २.सींवाद
- ३.सींजा शब्दों की जानकारी
४. श्रवर् कौशल

द्ववतीय चि:-

- ६.घमींडी मक्कखी
- ७.दादाजी
- ८.अगर पेड़ भी चलते होते
९. गीत का कमाल
- १०.बूँजो तो जाने
११. चूँ-चूँ की टोपी

भाषा अभ्यास:- पृष्ठ सींख्या 11 से 25

व्याकरण: ववशेषर् , वचन बदलो, , ववलोम शब्द,अनुच्छेद, पत्र,अनेक शब्दों के ललए एक शब्द,इ,ढ़ से बनने वाले शब्द ववराम चचहन,बबींदु और चींद्रबबन्दु का प्रयोग ।

गततववचि:-

१. कववता गायन
 २. नारा लेखन
 - ३.नैततक मूल्यों पर आाररत घटना वर्णन
 - ४.श्रवर् कौशल
- तृतीय चि:-
- १२.सुबह
 १३. ऐसे थे लाल बहादुर शास्त्री
 १४. सबसे बड़ा मूखण
 - १५.बुआ का पत्र
 १६. सवाली राम

भाषा अभ्यास:- पृष्ठ सीख्या ३७ से ५५

व्याकरण:- ववशेषर् ववशेष्य उपसगण, र के रूप ववराम चचहन मुहावरे पयाणयवाची शब्द क्रिया, वचन बदलो, ललींग बदलो, ववलोम

शब्द,अनुच्छेद, ,बबींदु और चींद्रबबन्दु का प्रयोग |

गततववचि:-

१.पत्र लेखन

२.महान हस्त्यो द्वारा तनलमणत कथन

३.गीत/ कववता पूर्ण करना।

४.श्रवर् कौशल

DAV MUKHYAMANTRI PUBLIC SCHOOL
CLASS IV, SYLLABUS FOR 2018-19

ENGLISH

I-Cycle Term

Unit-1 Sports

1. Sports
2. A true friend
3. Mix up at birth
4. What's really important
5. A test of strength

Grammar

Noun and its kind (common, proper, collective)

Pronoun

Genders

Preposition

Tense(Present indefinite, present continuous)

Punctuation

Unseen passage

Writing skill

Diary Entry

Activity

1. MCQ based on prescribed lessons.
2. Speak a few lines on any one value, based on friendship or sports i.e love, forgiveness and discipline.

II- Cycle Term

Unit-2 Travels

1. Travel plans
2. Jungle safari
3. Kanyakumari-Where three seas meet

Wit and humor

4. The rich lady and the artist
5. The foolish men

Grammar

Adjective

Determiners

Verbs

Adverbs

Tense (Past indefinite, Past continuous)

Punctuation

Unseen Passage

Writing skills

Lost and found

Activity

1. Make a travel ad/ Pamphlet for the place you like most
2. Make cartoon strips of a travel by train.

Final Term

Unit-3 Wit and humor

1. Clever fox Fantasy
2. In the land of Lilliput
3. King Thrush beard
4. Let us visit the fantasy land
5. Rizi, the Alien

Grammar

Subject and Predicate

Conditionals

Tense(Future indefinite, Future continuous)

Punctuation

Unseen passage

Writing skills

Activity

1. Make a collage using different pictures to depict a Fantasy land and write a suitable caption for it.
2. Grammar quiz based on parts of speech which you have done in your class.

EVS

I- Cycle Term

L-1 My Body

L-2 Plants

L-6 Insects

Activities-

1. Prepare a model of lower jaw using clay dough, peanuts etc.
2. Collect and bring any one edible root. Observe it and identify its type.
3. Collect the information about disease spreading insects along with the pictures. Also mention the name of diseases spread and their prevention.

II- Cycle Term

L-4 Plants Around Us

L-5 Birds- Beaks & Claws

L-8 Water Scarcity & Conservation of Water

SOCIAL SCIENCE

I-Cycle Term

Activities-

1. Make a collage on plants grown in different regions like hills, plains, marshy areas, deserts etc.
2. Make a bird using wool, cotton, feathers etc. and mention its type of beak and claws.
3. Poster on 'Save water'.

Final Term

L-3 Flowers & Fruits

L-7 Food

L-9 Safe Handling & storage of Water

L-10 Water Pollution

Activities-

1. Use dried fallen flowers & leaves to make a greeting card.
2. Prepare a balanced diet plate.
3. Questionnaire based on usage of water.

<u>Chapters</u>	<u>Activities related to Chapters</u>
1. Family Relationship	1. Prepare a family album and write few lines on each member.
2. Sensitivity towards others	2. Paste the picture of 'Louis Braille' in notebook & write few lines on him.
3) Celebrating our Diversity	3. Flow chart on Religious, Harvest and National Festivals.

II-Cycle Term

<u>Chapters</u>	<u>Activities related to Chapters</u>
4. An Ideal home	4. Visit where pots & diyas are made with clay.
5 Bricks and Bridges	5. To show them Potter's wheel & to show documentary.
6 Waste Management	6. Make two dustbins of blue colour & green colour & label them with different bio- degradable & non-biodegradable wastes.
7 The works we do	7. To make a time table on how to manage work & play.
8 Leisure Time	8. Spoon & Lemon race.

FINAL TERM

<u>Chapters</u>	<u>Activities related to Chapters</u>
9. Directions	9. Collect information through internet on any one Monument .For e.g Location, who made it etc.
10. Travel & Tours	10. Draw or paste audio/ visual means of communication & to show documentary.
11. Let us travel	11. Write the names of different news channels, newspapers, magazines etc.
12. Let us Communicate.	12. Map Activity- Marking different states, neighbouring countries & Union Territories.
13. India our Motherland	13. Locating & marking places according to the directions of map.

MATHEMATICS

I Cycle Term

1. Numbers up to 9999
2. Addition
3. Subtraction

ACTIVITIES:-

1. Construct an abacus for any 4- digit number using bindis.

2. A set of questions and answers will be given to the students where each question will represent a particular colour. The students will colour the answers accordingly.

3. Worksheet regarding Addition & Subtraction.

II Cycle Term

4. Multiplication
5. Division
6. Length
7. Weight
8. Capacity

ACTIVITIES:-

1. Multiplication Game- I HAVE, WHO HAS?
2. Paste 5 pictures each of few objects which we buy in terms of length and capacity.
3. Make a tool for measuring weight using waste materials.

Final Term

9. Day, date and time
10. Money
11. Geometry
12. Fraction

ACTIVITIES:-

1. Worksheet of Clock.
2. Paste pictures of various objects having shapes of cylinder, cube or cuboid.
3. Students will be asked to paste wrappers of any five things that they have bought and evaluate the total cost of all those things.
4. Writing the fractions of the shaded portions of the given pictures.

हिन्दी

प्रथम चक्र

भाषा माधुरी

१. फैलती चप्पलें

२. उलटा-पुलटा
३. अनोखा ढंग
४. मित्रता
५. सेर को सवा सेर
६. पहली बाररश

भाषा अभ्यास:- पृष्ठ संख्या १ से २०

व्याकरण:- संज्ञा, भाषा ववचार, क्रिया, वचन बदलो, मलंग बदलो, ववलोि शब्द, अनुच्छेद, चचत्र वर्णन, शब्द सीढी, संवाद, बबंदु और चंद्रबबन्दु का प्रयोग, पयाणयवाची शब्द |

गततववचि:-

१. संयुक्त व्यंजन द्वारा शब्द तनिाणर्
२. कववता गायन
३. श्रवर् कौशल
४. संज्ञा के भेदों का वगीकरर्

द्ववतीय चि:-

७. दादी का रेडियो
८. क्रकस्से-कहावतों की दुतनया
९. नानी की नाव चली
१०. एक बौना और लकड़हारा ११. िौसि
१८. खत पहुँचे सक्को को

भाषा अभ्यास:- पृष्ठ संख्या २१ से ३६, ५६

व्याकरण:- संज्ञा, क्रिया, वचन बदलो, मलंग बदलो, ववलोि शब्द, अनुच्छेद, चचत्र वर्णन,, संवाद, बबंदु और चंद्रबबन्दु का प्रयोग, पत्र

गततववचि:-

१. नारा लेखन
 २. संवाद
 ३. श्रवर् कौशल
 ४. चचत्र वर्णन
- तृतीय चि:-

१२. आँख -मिचौनी
१३. चतुर चचत्रकार
१४. एक थी स्वातत
१५. होली के रंग हज़ार
१६. ऐसे भी बच्चे
१७. कोयल

भाषा अभ्यास:- पृष्ठ संख्या ३७ से ५५

व्याकरण:- संज्ञा, , वचन बदलो, मलंग बदलो, ववलोि शब्द, अनुच्छेद , काल, ववशेषर् , पत्र, संवाद, बबंदु और चंद्रबबन्दु का प्रयोग |

गततववचि:-

१. भाषर्
२. कल आज और कल(काल)
३. श्रवर् कौशल
४. दोहा लेखन/ गायन



SUBJECT: ENGLISH**CLASS: 5****FIRST TERM: March/April 2018 to September' 2018**

Month	Reader Book	Practice Book	Writing	Activity
MAR (12 days)	Unit -1 Growing up L - 1 Monday Morning Blues	L-1 Nouns	Application	Recitation
APR (22 days)	L - 2 The Tale of a tail L - 3 My favorite things (tape script) Read it yourself	L - 2 Determiners	Informal Letter	Story telling. Dictation
JUNE (12 days)	Unit - 2 Books L - 1 Adventures with book	L - 3 Apostrophe	Diary Entry	Make a book club
JULY (26 days)	L - 2 The boy who borrowed L - 3 Book review Read it yourself	L - 4 Comparisons	Paragraph As: Books, Water My Hobby	Speech, Importance of Books
AUG (24 days)	Unit -3 where there is a will.... L - 1 Limits of the mind L - 2 Just be up & doing	L - 5 Verbs L-6 Adverb	Notice	Usage of verbs, Adverbs & Proverbs
SEPT (23 days)	L - 3 The fearless fighter Read it yourself	Reading for understanding	Revision of above writing	News paper Reading

SECOND TERM : October 2018 to Feb 2019

OCT (20 days)	Unit - 4 E-Generation L -1 Five chums and the hacker	L - 7 present perfect tense	E - mail, Diary entry	Poster Making
NOV (18 days)	L-2 I've got e - mail L-3 Credit card(tape script) Read it your self	L - 8 Sentences L - 9 Conditionals	Message, paragraph: T.V, Computer, Trees	Credit card making
DEC (24 days)	Unit - 5 Go green L - 1 It's getting hotter L - 2 Plant a seed	L - 10 Modals - I L - 11 Modals - II	Informal letter	Role Play
JAN (25 days)	L - 3 The Green Act Read it yourself	L - 12 Emphasizing / Reflexive pronoun L - 13 Preposition.	Advertisement	Debate on T.V.
FEB (10 days)	REVISION	Reading for understanding	Revision	

Examination Specification

The entire session has been divided into two terms, the details of which are tabulated below:

Term – I

Division of Syllabus Section	Marks	Total Marks
Reading	20	80
Writing	20	
Grammar	15	
Literature	25	
Internal Assessment	5+5+10	20
Total	80+20	100

Term – II

Division of Syllabus Section	Marks	Total Marks
Reading	20	80
Writing	20	
Grammar	15	
Literature	25	
Internal Assessment	5+5+10	20
Total	80+20	100

Note:

1. The question paper for Term – I and Term – II will be of 80 marks each. 20 marks will be allotted for Internal Assessment.
2. Refer to the table given below for Internal Assessment.

Internal Assessment

S. No.	Assessment	Marks	Weightage
1	Class Assessment/ Home Assessment	5	25%
2	Average of Unit Test / Pen paper test / classify/ periodic tests	10	50%
3	Subject Enrichment (ASL)	5	25%
Total		20	100%

Section A (Reading) 20 Marks

Three unseen passages with a variety of comprehension questions and word attack skills such as word formation, inferring meaning etc.

Q.1. Passage I with 10 marks weightage will consist of comprehension questions in the conventional way. 2 marks out of 10 must be for word attack skill such as word formation and inferring meaning.

Q.2. Passage II with 5 marks weightage will consist of gap filling to test comprehension.

Q.3. Passage III with 5 marks weightage will consist of comprehension question in the conventional way.

Section – B (Writing) 20 marks

This section will include three writing tasks.

Q.4. Short composition of not more than 50 words for 4 marks.

Q.5. and Q.6. for 8 marks each.

* The marking scheme of Q. 4 will be as follows:

Content – 3 marks

Format – 1 mark

* The marking scheme of Q.5. and Q.6. will be as follows:

Content - 3 marks

Fluency - 2 marks

Accuracy - 2 marks

Format - 1 mark

Section – C (Grammar) 15 marks

Q.7. to Q.11. A variety of 5 short questions for 3 marks each. Text types will include gap filling cloze (gap filling exercises with blanks at regular intervals) sentence completion, reordering word groups in sentences editing (error finding and omission) and sentence transformation.

Section – D (literature) 25 marks

Q.12. Extract based on poetry followed by RTC questions. - 4 marks

Q.13. Extract based on prose followed by RTC questions - 4 marks

Q.14. 6 Short answer question (30-40 words) where 1 question will be value based – 12 marks

Q.15. An extended question (with internal voice) to test global comprehension or deeper understanding of the prescribed texts. (50-60 words) - 5 marks

Syllabus for Term – I

- I. English Reader
 - Unit 1 Growing up
 - Unit 2 Books
 - Unit 3 Where there is a will
- II. English Practice
 - 1. Nouns
 - 2. Determiners
 - 3. Apostrophe
 - 4. Comparisons
 - 5. Verbs
 - 6. Adverb

III. Suggested topics to practise

1. Books
2. Water
3. My Hobby

IV. Writing Skills:

1. Notice
2. Paragraph
3. Diary Entry
4. Application
5. Informal letter

* Important Note: 10% of the 1st term syllabus will be included in the II term exam.

Syllabus for Term - II

1. Portion of Term - I (10%)

- i. Books (English Reader Book)
- ii. Verb (English Practice Book)
- iii. Adverb (English Practice Book)

2. Portion of Term - II

I. English Reader

- i. E-generation
- ii. Go green

II. English Practice Book

- i. Present perfect tense
- ii. Sentences
- iii. Conditionals
- iv. Modals
- v. Emphasizing / Reflexive pronoun
- vi. Preposition

III. Suggested topic to practise:

- i. Computer
- ii. Television
- iii. Trees

IV. Writing Skills

- i. E-mail
- ii. Diary Entry
- iii. Message
- iv. Advertisement
- v. Informal letter

* Suggestions for Enhancement of Language skills:

- Dictation/spell check/ Hand writing
Teachers may make use of words and passages suitable for class V.
- Reading as an activity should take into account intonation, stress and pronunciation. Reading may include.

- a) Text Book reading
- b) newspaper reading
- c) Reading of long text
- d) Any other suitable material
- Recitation: The following parameters should be kept in mind while evaluating recitation.
 1. Clarity and expression
 2. Tone and intonation
 3. Posture

Note: Teachers may conduct debate / declamation / extempore/ role play/ to weave a yarn for enhancing speaking skills of the learners.

SUBJECT - HINDI
CLASS - 5 Term - I

MONTH	W.D	भाषा माधुरी	भाषा अभ्यास	पत्र-निबंध	ACTIVITY
मार्च		1. दिमागी लड़ाई	1. दिमागी लड़ाई	छुट्टी हेतु आवेदन पत्र	कविता पाठ
अप्रैल		2. लौहपुरुष 3. पेड़ 4. पूरे एक हजार	2. लौह पुरुष 3. पेड़ 4. पूरे एक हजार	यात्रा की जानकारी देते हुए नानी को पत्र।	कहानी लेखन
जून		5. दो पहलवान	5. दो पहलवान	निबंध – वर्षा ऋतु।	किसी विषय पर छोटे-छोटे संवाद
जुलाई		6. नदी यहाँ पर 7. पतीले की मृत्यु 8. टपके का डर	6. नदी यहाँ पर 7. पतीले की मृत्यु 8. टपके का डर	निबंध – प्रातः काल की सैर	यात्रा वर्णन
अगस्त		9. अजंता की सैर 10. ये बात समझ में आई नहीं	9. अजंता की सैर 10. ये बात समझ में आई नहीं	निबंध – स्वतंत्रता दिवस	पेड़ों से मिलने वाली चीजों का नमूना बनाना
सितंबर		पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति
Term - II					
अक्टूबर		11. बिरसा मुंडा	11. टपके का डर	निबंध – दशहरा	दशहरा पर दस पंक्तियाँ
नवंबर		12. मन भावन सावन 13. प्रिय पौधा 14. बुद्धिमान राजा	12. मन भावन सावन 13. प्रिय पौधा 14. बुद्धिमान राजा	दीपावली प्रथम श्रेणी में उत्तीर्ण होने पर मित्र को बधाई पत्र	विभिन्न धर्मों के त्यौहारों की जानकारी व चित्र
दिसंबर		15. अंधेर नगरी 16. चोंद का कुर्ता 17. हार की जीत	15. अंधेर नगरी 16. चोंद का कुर्ता 17. हार की जीत	निबंध- जीवन में खेलों का महत्व। छात्र वृत्ति हेतु प्राचार्य को आवेदन पत्र	नए वर्ष तथा त्यौहारों पर ग्रीटिंग
जनवरी		18. बेट्टिना का साहस 19. लौट आया आत्म विश्वास 20. कोशिश करने वाले की हार नहीं होती	18. बेट्टिना का साहस 19. लौट आया आत्म विश्वास 20. कोशिश करने वालों की हार नहीं होती	निबंध – विज्ञान के चमत्कार। मेरा प्रिय नेता	किसी वस्तु के खो जाने की सूचना
फरवरी		पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति

प्रथम सत्रीय मूल्यांकन

क्र.	पाठों के नाम	लघूत्तर 1	लघूत्तर 2	निबंधात्मक	कूल
1	दिमागी लड़ाई	2	3	—	5
2	लौह पुरुष	2	3	—	5
3	पेड़	2	—	—	2
4	पूरे एक हजार	—	—	—	—
5	दो पहलवान	—	3	—	3
6	नदी यहाँ पर	2	—	—	2
7	पतीले की मृत्यु	—	—	—	—
8	टपके का डर	2	3	—	5
9	अजंता की सैर	—	—	5	5
10	ये बात समझ में आई नहीं	—	—	—	—
					27

प्रश्न – पत्र

खण्ड – 'क'

अपठित बोध

क. अपठित गद्यांश

08 अंक

ख. अपठित पद्यांश

04 अंक

12 अंक

खंड 'ख'

व्याकरण

- | | | |
|---|---------------|---------------|
| 1. हिन्दी वाक्य रचना के अनुसार वाक्य बनाना | पाठ –1 | 2 अंक |
| 2. संज्ञा (जातिवाचक, व्यक्तिवाचक) | पाठ – 2,5 | 2 अंक |
| 3. सर्वनाम, पर्यायवाची, विलोम शब्द , क्रिया | पाठ – 3, 6, 8 | 3 अंक |
| 4. काल, समानार्थी शब्द, अनुस्वार, अनुनासिक, मुहावरे | पाठ – 5 | 4 अंक |
| 5. 'र' के विभिन्न प्रयोग | पाठ – 6 | 2 अंक |
| 6. विराम चिह्न वाक्यांशों के लिए एक शब्द विशेषण विशेष्य | पाठ – 8 | 3 अंक |
| 7. सर्वनाम, विशेषण – विशेष्य, उपसर्ग, प्रत्यय | पाठ – 9 | 4 अंक |
| | | 20 अंक |

खण्ड 'ग' (पठित बोध)

- | | |
|-------------------------------------|---------------|
| 1. पठित पद्यांश | 4 अंक |
| 2. पठित गद्यांश | 4 अंक |
| 3. लघुत्तर प्रश्न 1 संक्षिप्त उत्तर | 2×5=10 अंक |
| 4. लघुत्तर प्रश्न 2 विस्तृत उत्तर | 3×4=12 अंक |
| 5. निबंधात्मक प्रश्न | 1×5=5 अंक |
| | 35 अंक |

खण्ड 'घ' (रचनात्मक लेखन)

- | | |
|--------------------------------------|---------------|
| 1. अनुच्छेद लेखन | 1×5=5 अंक |
| 2. पत्र लेखन | 1×4=4 अंक |
| 3. संवाद लेखन, विज्ञापन लेखन, स्लोगन | 1×4=4 अंक |
| | 13 अंक |

कुल अंक

80

द्वितीय सत्र मूल्यांकन

क्र.	पाठों के नाम	
1	अजंता की सैर (10% प्रथम सत्र से)	5 अंक
2	बिरसा मुंडा	3 अंक
3	मनभावन सावन	2 अंक
4	प्रिय पौधा	3 अंक
5	बुद्धिमान राजा	3 अंक
6	अँधेर नगरी	3 अंक
7	चाँद का कुर्ता	2 अंक
8	हार की जीत	2 अंक
9	बेट्टिना का साहस	2 अंक
10	लौट आया आत्मविश्वास	—
11	कोशिश करने वालों की हार नहीं होती	2 अंक

योग 27 अंक

खण्ड — 'क'

अपठित बोध

क. अपठित गद्यांश	8 अंक
ख. अपठित पद्यांश	4 अंक
	12 अंक

खंड 'ख'

व्याकरण

1. विशेषण विशेष्य	पाठ — 9	3 अंक
2. नुक्ता, वचन, वाक्य बनाइए	पाठ — 11	2 अंक
3. काल, विलाम शब्द मुहावरे	पाठ — 12	3 अंक
4. 'र' के विभिन्न प्रयोग, विशेषण, प्रत्यय, अव्यय, विलोम शब्द, काल	पाठ — 13	2 अंक
5. शब्दों के मानक रूप, समानार्थी शब्द, विलोम शब्द, मुहावरे	पाठ — 14	2 अंक
6. संयुक्त क्रिया, संज्ञा, सर्वनाम, अनुनासिक, अनुस्वार उपसर्ग, प्रत्यय, पर्यायवाची शब्द	पाठ — 15	2 अंक
7. विशेषण — विशेष्य, पर्यायवाची, कारक चिह्न	पाठ — 16	2 अंक
8. कारक चिह्न, विलोक शब्द, पर्यायवाची	पाठ — 17	2 अंक
9. संयुक्त अक्षर, वचन, अनेक शब्दों के लिए एक शब्द, संज्ञा से विशेषण, लोकोक्तियाँ, उपसर्ग, प्रत्यय	पाठ—18	2 अंक
		20 अंक

खण्ड ग (पठित बोध)

- | | |
|--|---------------|
| 1. पठित पद्यांश | 4 अंक |
| 2. पठित गद्यांश | 4 अंक |
| 3. लघुउत्तर प्रश्न 1 (संक्षिप्त उत्तर) | 2x5=10 अंक |
| 4. लघुउत्तर प्रश्न 2 (विस्तृत उत्तर) | 3x4=12 अंक |
| 5. निबंधात्मक प्रश्न | 5x1=5 अंक |
| | 35 अंक |

खण्ड – घ (रचनात्मक लेखन)

- | | |
|--------------------------|---------------------|
| 1. अनुच्छेद लेखन | 5 अंक |
| 2. पत्र लेखन | 4 अंक |
| 3. सूचना / डायरी / संवाद | 4 अंक |
| | 13 अंक |
| | कुल अंक – 80 |

कक्षा – पंचमी विषय संस्कृतम्

प्रथम सत्रम्

अवधि – होरात्रयम्

पूर्णाङ्का – 80

उद्देश्यानि	अपठित अवबोधनम्	रचनात्मक कार्यम् चित्र वर्णनम्, पाठ्य पुस्तकात्	अनुप्रयुक्त व्याकरणम्	पठित अवबोधनम्	योगः
अङ्कानां	10 प्रतिशतम्	10 प्रतिशतम्	40 प्रतिशतम्	40 प्रतिशतम्	100 प्रतिशतम्
अंकाः	8	8	32	32	80

कक्षा –पंचमी

(संस्कृतम्)

प्रथम चक्र मार्च/अप्रैल 2017 से सितम्बर 2017

माह	दिन	पाठ्यक्रम (सुरभिः)	व्याकरणम्
मार्च	12	(केवलम् पठनाय न तु अभ्यासाय) परिचयः शिष्टाचारः हे प्रभो!	वचन, लिंग, पुरुष, लकार
अप्रैल	22	1. मधुरा प्रभातवेला 2. मम परिवारः	धातु रूपाणि— पठ्, खाद्, भ्रम्, क्रीड्, कूर्द्, चल् (लट्कारे)
जून	12	3. वयम् पश्यामः जन्तुपालाम्	संख्या – 1 से 20 तक
जुलाई	26	4. शाकहट्टम् 5. अस्माकम् प्रियमित्राणि (पक्षिणः)	धातुरूपाणि – गम्, आ+गम्, भू, पा (लट् लकारे) विभक्ति, कारकचिह्न
अगस्त	24	6. ये फलानि खादन्ति ते सुखिनः वसन्ति 7. चित्र प्रदर्शनी	शब्दरूपाणि – संज्ञाशब्द – बालक, बालिका, फल सर्वनाम शब्द – किम् (तीनों लिंगों में)
सितम्बर	23	पुनरावृत्ति	

गतिविधियाँ—स्व परिचयः, पशु-पक्षी फलों के नाम स्मरण व चित्र (5-5)

प्रश्नाना वर्गीकरणम्

प्रश्न प्रकाराः	दीर्घोत्तराणि	लघूत्तराणि 1	लघूत्तराणि 2	योगः
प्रश्न संख्या	6	15	21	42
अङ्का	21	19	40	80

विषयाधिभारः

1	खण्ड क अपठित अवबोधनम्	8
2	खण्ड ख रचनात्मक कार्यम्	8
3	खण्ड ग पठित अवबोधनम्	32
4	खण्ड घ अनुप्रयुक्त व्याकरणम्	32
योगः		80

अंक विभाजनम्		अंकाः
अपठित गद्यांश	—	8
चित्र आधारितम् वाक्यं	—	8
पाठ्य पुस्तकात् —		
1. पठित गद्यांश	—	5
2. पठित संवाद	—	5
3. कथा क्रमः	—	4
4. उचित मेलनं	—	4
5. शब्दार्थः	—	4
6. पशूपक्षिणाम् नामानि	—	5
7. फलशाकानाम् नामानि	—	5
व्याकरणम्		
1. वचनं	—	3
2. लिंग	—	3
3. पुरुषः	—	3
4. लकारः	—	3
5. धातुरूपाणि	—	5
6. संख्या	—	5
7. विभक्ति कारक चिन्हानि	—	5
8. शब्द रूपाणि	—	5

द्वितीय सत्र (अक्टूबर 2018 से फरवरी 2019)

अवधि — होरत्रयम्

उद्देश्यानि	अपठित अवबोधनम्	रचनात्मक कार्यम् चित्र वर्णनम्	अनुप्रयुक्त व्याकरणम्	पठित अवबोधनम्	योगः
अंकाताम् प्रतिशतम्	10 %	10 %	40 %	40 %	100 %
	8	8	32	32	80

प्रथम सत्रतः 10 %

सप्तमः पाठः — चित्र प्रदर्शनी

व्याकरणं — विभक्तिः कारकचिह्नं च

द्वितीय सत्र – 90 प्रतिशत

माह	दिन	पाठ्यक्रम (सुरभिः)	व्याकरणम्
अक्टूबर	20	8. अभिनवः किम् किम् करोति ? 9. विडालः कुत्र अस्ति ?	प्रथम सत्रस्य धातु रूपाणि लङ्. लकारे संख्या-20 से 40
नवम्बर	18	10. आगच्छ ! गायामः 11. हरिणम् मा मारय!	शब्द रूपाणि तत् एतत् (तीनों लिंगों में) संख्या - 40 से 50
दिसम्बर	24	12. कथयन्तु! कस्य कः वर्णः? 13. कः चतुरः अस्ति?	प्रथम सत्रस्य धातुरूपाणि (लृट् लकारे) अव्यय पदानि-अत्र, तत्र, सर्वत्र, बहिः, समीपे, उपरि, अन्तः
जनवरी	25	14. कति वस्तुनि सन्ति? संख्या, इदम् अस्माकं शरीरम्	शब्दरूपाणि - अस्मद्, युष्मद् उपसर्गः-वि, सम्, उप, आ, निर्, अव, प्र, परा।
फरवरी	10	पुनरावृत्ति	

गतिविधियाँ- श्लोक उच्चारण, पर्यावरण चित्र निर्माण, रंगों के नाम (संबंधित रंगों के वस्तुओं के चित्र)
प्रश्नाना वर्गीकरणम्

प्रश्न प्रकारः	दीर्घोत्तराणि	लघूत्तराणि 1	लघूत्तराणि 2	योगः
प्रश्न संख्या	6	15	21	42
अङ्का	21	19	40	80

विषयाधिभारः

1	खण्ड क अपठित अवबोधनम्	8
2	खण्ड ख रचनात्मक कार्यम्	8
3	खण्ड ग पठित अवबोधनम्	32
4	खण्ड घ अनुप्रयुक्त व्याकरणम्	32
योगः		80

अंक विभाजनम्	अंकाः
अपठित गद्यांश	8
चित्र आधारितं वाक्यं	8
पाठ्य पुस्तकात् -	
1. पठित गद्यांश	5
2. पठित संवाद	5
3. पठित श्लोकांश	5
4. कथा क्रमः	4
5. उचित मेलनं	4
6. शब्दार्थः	4
7. वर्णानाम नामानि	5

व्याकरणम्

1. अव्यय पदानि	4
2. उपसर्ग	4
3. धातुरूपाणि (लंगलकारे)	5
4. धातुरूपाणि (लृट्लकारे)	4
6. संख्या	5
7. विभक्ति कारक चिन्हानि	5
8. शब्द रूपाणि	5

Mathematics – V

Guidelines for Internal Assessment (20 marks)

It is suggested that, in each term, the internal assessment will be carried out as follows:

S. No.	Tools of Internal Assessment	Total weightage out of 20 marks
1	Unit Test/Class test (minimum two)	10 marks
2	Class Record (1. Note books 2. Assignment file)	5 marks
3	Subject enrichment a) Maths lab activities b) Project work	5 marks

Weightage to form of questions

Types of questions	LA 4 marks	SA – I 3 marks	SA – II 2 Marks	VSA 1 marks	Total
No. of questions	8	10	6	6	30
Marks	32	30	12	6	80

Subject : Maths 1st Term : March/April' 2018 to Sept' 2018 Class –V

Month/ Working Days	Unit/Topic	Suggested Activities
MAR (12 days)	1 Numbers up to 99,99,99,999	To draw Indian place value chart.
APRIL (22 days)	2 Operation on large numbers. 3 Multiples and Factors.	To draw International place value chart. To write even/odd numbers between 1 and 100.
JUNE (12 days)	3 Multiples and Factors (cont).	To write composite / Prime numbers between 1-100
JULY (26 days)	4 Fractional numbers. 5 Decimals.	Show that $\frac{1}{2}$, $\frac{2}{4}$, $\frac{4}{8}$ are equivalent fraction by paper cutting method.
AUG. (24 days)	6 Addition & Subtraction of decimal numbers 7 Multiplication & Division of decimal number.	To Show the different types of fractions by paper shading. To draw Place value chart for decimals.
SEP. (23 days)	Revision and SA I Exam	

2nd Term

Month/ Working Days	Unit/Topic	Suggested Activities
OCT. (20 days)	8 Simplification of numerical expressions. 9 Rounding off numbers.	To find the average marks obtained by the student in SA I in different subjects.
NOV (18 days)	9 Rounding off numbers (cont.) 10 Averages. 11 Profit and loss.	To find profit and loss when S.P. and C.P. are given (Dramatically)

DEC (24 days)	12 Percentage. 13 Simple Interest.	To find the percentage of marks obtained by the student in SA I exam. To paste different types of Triangles (according to their sides & angles)
JAN. (25 days)	14 Bills. 15 Temperature 16 Triangles 17 Data Handling	To collect five different types of bills and paste write its uses. To prepare pictograph. To prove angle sum properties of triangle by pasting colour paper
Feb	Revision Exam	

Mathematics - V

The syllabus has been divided into two parts, one for the first term and the other for the second term.

Syllabus for Term - I

Unit	Marks allotted
1. Numbers up to 99,99,99,999	10
2. Operation on large number	12
3. Multiples and factors	18
4. Fractional numbers	16
5. Decimals	08
6. Addition & subtraction decimal number	
7. Multiplication & Division of decimal number	16

80 Marks

Syllabus for Term - II

1. Portion of Term - I	Weightage (marks)
Multiples and factors	8
2. Portion of term - II	
a) Simplification of numerical expression	9
b) Rounding off numbers	6
c) Averages	7
d) Profit and loss	9
e) Percentage	8
f) Simple interest	8
g) Bills	6
h) Temperature	6
i) Triangle	7
j) Data handling	6
Total	80

Subject : Science 1st Term : March/April' 2017 to Sept' 2017 Class –V

Month/ Working Days	Unit/Topic	Total Marks	Suggested Activities	Periods
March	1. My Body		1) Structure and function of breathing system and eye.	12
April	2. Plants		1) Observe & tabulate the stages of seed germination of any of house hold edible seeds for 10 days & prepare chart.	10
	3. Forests		2) Poster and slogan on conservation of forest. 3) Collect useful forest products	12
June	4. Animals our friends		1) Pictures of endangered and extinct animals 2) Name 5 national parks and 5 wild life sanctuaries of India and the state where they are located.	12
July	5. Food and Health		1) Collection of five sources of different nutrients of food. 2) Vitamins/minerals chart	26
August	6. Spoilage & wastage of food & food preservation		1) common and chemical names of different food preservatives 2) Demonstrating traditional methods of food preservation.	24
September	Revision & Exam Term - I			

Second Term

Month/ Working Days	Unit/Topic	Total Marks	Suggested Activities	Periods
Oct.	7. Importance of Water		1) Model of water cycle (Clay moulding). 2) Collect pictures and information on special uses of water	20
Nov.	8. Properties of Water		1) Check solubility of different materials in water 2) Poster/ slogan on water conservation	10
	9. Fuels		1) poster/poem/slogan on conservation of fuels	8
Dec.	10. Air		1) Poster and slogan on reducing air pollution.	10
	11. Our Solar System		1) Mission Mars-To collect information from different sources about possibility of life on Mars. 2) model of solar system 3) write an article on Indian man made satellites	14
Jan	12. Observing the Sky		1) To observe different phases of moon and record your observation (15 days) 2) Draw and name different constellations	25
Feb	Revision & EXAM TERM-II			

Science - V Term - I (2018-19)

3. Weightage to form of questions:

S. No.	Form of question	Marks of each question	No. of question	Total marks
1	One word answer	1	4 (parts)	4
2	Fill up the Bhanks	1	4 (parts)	4
3	Choose the correct option	1	4 (parts)	4
4	Very short answer type - I (VSA I)	1	4 (parts)	4
5	Very short answer type - II (VSA II)	2	10	20
6	Short answer (SA)	3	8	24
7	Long answer (LA)	5	4	20
Total			26	80

Term - I

4. Portion of Term - I

Chapters	Weightage
Chapter - 1 My Body	15
Chapter - 2 Plants	13
Chapter - 3 Forest	13
Chapter - 4 Animals - Our Friends	13
Chapter - 5 Food and Health	13
Chapter - 6 Spoilage and Wastage of Food and Food preservation	13

Term - II

5. Portion of Term - II

Portion of Term - I	
Chapter - 5 Food and Health	8
Lesson - 7 Importance of water	12
Lesson - 8 Properties of water	12
Lesson - 9 Fuel	12
Lesson - 10 Air	12
Lesson - 11 Our Solar System	12
Lesson - 12 Observing the sky	12
Total	80

SUB: SST

CLASS: 5

First Term: Mar' 2017 To Sept ' 2017

Month	Topic/unit	Activities/projects
March	1. Importance of Family	1. In a scrap book write the characteristics of your role model & paste his/her picture. 2. Prepare a project on activities you share with your grandparents.
April	2. Human Migration 3. Variation in Shelters (Map Work - Andaman Nicobar Islands, Assam, Goa, Agra, Rajasthan & Gujarat)	1. Interview a rickshaw puller or a hawker, their hardships-Prepare in a file 2. Assignment:-what type of help the children of your age can provide to the victims of Natural Calamities. 3. Map Work-Andaman Nicobar Islands, Assam, Goa, Agra, Rajasthan & Gujarat) 4. Group discussion on responsibilities of a good neighbour.
June	4.Sensitivity towards others	1. Case study about a socially deprived child who attained success by overcoming all hurdles. 2. Find out about a few organizations that work for socially deprived children.
July	5.Community Service 6.Leisure Time	1. Prepare a poster and write the importance of trees on chart paper. 2. Graphic Organiser on various types of water sources available in different cities and towns of India. 3. In your scrap book write at least five lessons that you learn in the playground. 4. Name of important sports and games played in rural & urban areas.
Aug	7.Changing trends in Occupation	1. Collect information about some occupations/ professions that are not well known on a chart paper. 2. Collect information about the White Revolution & Metro Man of India. 3. Find out the names of five world famous Indian players of your favorite game.
Sept	Revision TERM- I Exams	Revision

Oct	8. Respecting Regional Differences 9. Exploring India	1. Prepare a report in a file on crops, religion, dress, food habits of the region you belong 2. Locate Andaman and Nicobar islands and Rajasthan on the political map of India. 3. Make a brochure of any Indian state/city, highlighting its important features. 4. Make a model to show some geographical features of your state.
Nov.	10. Mapping India 11. Transport in Modern times	1. On a chart paper draw conventional symbols and write their importance. 2. Project on latest methods that have been adopted to solve the problem of ever increasing traffic on roads. 3. On the outline map of India, mark five – International airports - Delhi, Mumbai, Kolkata, Chennai and Bang-luru. International sea ports- Mumbai, Chennai, Kolkata, Kochi, Vishakhapatnam.
Dec.	12. Communication in modern times	1. Collect information about renewable resources of Energy in your scrap book. 2. Declamation on “Harmful effects of instant communication Mobile, facebook etc.” 3. Timeline Chart- depicting various inventions of communication along with their inventors and the year of inventions.
Jan.	13. India’s Neighbors (Map Work)	1. Collect and paste information about India’s Neighbouring countries, Flag, National symbol, food, dress, religion etc. 2. On an outline map of India shade different States, Union Territories with different colours and prepare index also. 3. Find out how far trade is responsible for close relations between countries.
Feb.	Revision term-II Exam	

First Term : March 2018 To September 2018

Month	Topic/Unit	Activities/Projects
March (12 days)	1. Importance of Family	1. In a scrap book write the characteristics of your role model & paste his/her picture. 2. Prepare a project on activities you share with your grandparents
April (22 days)	2. Human migration 3. Variation in Shelters (Map Work - Andaman Nicobar Island, Assam, Goa, Agra, Rajasthan & Gujararat)	1. Interview a rickshaw puller or a hawker, their hardships - Prepare in a file. 2. Assignment - What type of help the children of your age can provide to the victims of Natural Calamities. 3. Map Work Andaman Nicobar Islands, Assam, Goa, Agra, Rajasthan & Gujarat) 4. Group discussion on responsibilities of a good neighbor.
June (12 days)	4. Sensitivity towards others	1. Case study about a socially deprived child who attained success by overcoming all hurdles. 2. Find out about a few organizations that work for socially deprived children.
July (26 days)	5. Community Service 6. Leisure Time	1. Prepare a poster and write the importance of trees on chart paper. 2. Graphic Organiser on various types of water sources available in different cities and towns of India. 3. In your scrap book write at least five lessons that you

		learn in the playground. 4. Name of important sports and games played in rural & urban areas.
Aug (24 days)	7.Changing trends in Occupation	1. Collect information about some occupations/ professions that are not well known on a chart paper. 2. Collect information about the White Revolution & Metro Man of India. 3. Find out the names of five world famous Indian players of your favorite game.
Sept (23 days)	Revision TERM- I Exams	Revision
Second Term : October 2018 To February 2019		
Oct (20 days)	8.Respecting Regional Differences 9. Exploring India	1.Prepare a report in a file on crops, religion, dress, food habits of the region you belong 2. Locate Andaman and Nicobar islands and Rajasthan on the political map of India. 3. Make a brochure of any Indian state/city, highlighting its important features. 4. Make a model to show some geographical features of your state.
Nov. (18 days)	10.Mapping India	1. On a chart paper draw conventional symbols and write their importance. 2. Project on latest methods that have been adopted to solve the problem of ever increasing traffic on roads. 3. On the outline map of India, mark five - International airports -Delhi, Mumbai, Kolkata, Chennai and Bang-luru. International sea ports- Mumbai, Chennai, Kolkata, Kochi, Vishakhapattnam.
Dec. (24 days)	11. Transport in Modern times 12. Communication in modern times	1. Collect information about renewable resources of Energy in your scrap book. 2. Declamation on "Harmful effects of instant communication Mobile, facebook etc." 3. Timeline Chart- depicting various inventions of communication along with their inventors and the year of inventions.
Jan. (25 days)	13.India's Neighbors (Map Work)	1. Collect and paste information about India's Neighbouring countries, Flag, National symbol, food, dress, religion etc. 2. On an outline map of India shade different States, Union Territories with different colours and prepare index also. 3. Find out how far trade is responsible for close relations between countries.
Feb.	Revision term-II Exam	

Social Science

Weightage to form of questions.

Form of questions	Marks each question	No. of question S. No.	Total marks
VSA	1	S. No. 1 to 10	10
SA	3	S. No. 11 to 20	30
CA	5	S. No. 21 to 27	35
Map	5	S. No. 28	5
Total		S. No. 1 to 28	80

Lesson wise division of questions

Lesson Name	Marks	VSA (1)	SA (3)	LA (5)	Map	Total
7. Changing Trends in Occupation	9	1	1	1		9
8. Respecting Regional Determine	11	3	1	1		11
9. Exploring India	15	3	1	1	4	15
10. Mapping India	11	-	2	1	-	11
11. Transport in Modern Times	10	1	1	1	1	10
12. Communication in modern times	11	-	2	1	-	11
13. India's Neighbour	13	2	2	1	-	13
Total	80	10	30	35	5	80

नैतिक शिक्षा कक्षा पाँचवी
प्रथम सत्र

क्रमांक	माह	कार्य दिवस	पाठ का नाम	अंक
1	मार्च	12	याचना गायत्री मन्त्र का महत्व	4 6
2	अप्रैल	22	आर्य समाज के नियम मूलशंकर का गृह त्याग और गुरु दक्षिणा	5 5
3	जून	12	ऋषि महिमा	4
4	जुलाई	26	अच्छा बालक महात्मा सुकरात की सहनशीलता बड़े घर के गायक	6 5 5
5	अगस्त	24	गुणगान अहिंसा	5 5
6	सितंबर	23	पुनरावृत्ति	50

10 प्रतिशत – मूलशंकर का गृह त्याग और गुरु दक्षिणा – 5

क्रमांक	माह	कार्य दिवस	पाठ का नाम	अंक
1	अक्टूबर	20	स्वाध्याय सत्संग का प्रभाव	5 5
2	नवंबर	18	सेवा शरणागति	4 6
3	दिसंबर	24	स्वामी विरजानंद सरस्वती पंडित गुरुदत्त लाला लाजपतराय	5 5 5
4	जनवरी	25	सरदार भगतसिंह दयानंद प्रशस्ति वैदिक संध्या	5 5
5	फरवरी	10	पुनरावृत्ति	50

SUBJECT : ENGLISH**CLASS - VI****FIRST TERM : March/April' 2017 to September' 2018**

Month	Reader	Literature	Practice	Grammar	Writing	Suggested activities
March (12 days)		1. How Daddy Decided what He Wanted to Be.				
April (22 days)	1. Celebration		1. Putting it together	Noun definition and its kinds	- Notice - Story writing	Comprehension
June (12 days)		2. The White Elephant	2. Regular & Irregular Verbs	Verbs, types & definitions	- Message	Family interview , story telling , class discussion about resolution book review.
July (26 days)	2. Hobbies	3. Leisure 4. My Experiments With Truth	3. Determiners	Determiners	- Paragraph - Diary Entry	Poem recitation, reading for understanding, class discussion, interview, role play.
Aug. (24 days)	3. Thrill in school life	5. Today and Tomorrow 6. The helpful Young Man	4. Subject Verb Agreement 11. Reading for understanding	Tense structures	- Paragraph Diary Entry - Speech	New year celebrations of different states of India , Poster designing
Sept (23 days)			5. Tenses (Part -I)	Tenses	Post card writing	Revision & Exam

SECOND TERM : October' 2018 to Feb' 2019

Month	Reader	Literature	Practice	Grammar	Writing	Suggested activities
Oct (20 days)	4. Performing Art	7. Bharat Desh 8. Hanuman and I	6. Tenses (Part-2)	Tenses	Only description	Class discussion listening CD & understanding, class debates, poem recitation.
Nov (18 days)	5. Vacation Time	9. Our Tree	7. Tenses (Part-3)	Tenses	informal letter	
Dec (24 days)	6. Tinsel World	10. Attila	8. Modals 9. Conditionals	Modals	Informal letter	Drama interview, poem recitation
Jan (25 days)		The case of Copied Question Papers	10. Passive Voice 11. Reading for understanding	Passive Voice structures	- Paragraph - Dictation	Picture Identification weave story Unseen Paragraph road blocking
Feb (10 days)	Revision					

Examination Specification

The entire session has been divided into two terms, the details of which are tabulated below:

Term - I

Division of Syllabus Section	Marks	Total Marks
Reading	20	80
Writing	20	
Grammar	15	
Literature	25	
Internal Assessment	5+5+10	20
Total	80+20	100

Term - II

Division of Syllabus Section	Marks	Total Marks
Reading	20	80
Writing	20	
Grammar	15	
Literature	25	
Internal Assessment	5+5+10	20
Total	80+20	100

Note:

1. The question paper for Term – I and Term – II will be of 80 marks each. 20 marks will be allotted for Internal Assessment.
2. Refer to the table given below for Internal Assessment.

Internal Assessment

S. No.	Assessment	Marks	Weightage
1	Class Assessment/ Home Assessment	5	25%
2	Average of Unit Test / Pen paper test / classify/ periodic tests	10	50%
3	Subject Enrichment (ASL)	5	25%
Total		20	100%

Section A (Reading) 20 Marks

Three unseen passages with a variety of comprehension questions and word attack skills such as word formation, inferring meaning etc.

Q.1. Passage I with 10 marks weightage will consist of comprehension question in the conventional way. 2 marks out of 10 must be for word attack skill such as word formation and inferring meaning.

Q.2. Passage II with 5 marks weightage will consist of gap filling to test comprehension.

Q.3. Passage III with 5 marks weightage will consist of comprehension question in the conventional way.

Section – B (Writing) 20 marks

This section will include three writing tasks.

Q.4. Short composition of not more than 50 words for 4 marks.

Q.5. and Q.6. for 8 marks each.

* The marking scheme of Q. 4 will be as follows:

Content – 3 marks

Format – 1 mark

* The marking scheme of Q.5. and Q.6. will be as follows:

Content - 3 marks

Fluency - 2 marks

Accuracy - 2 marks

Format - 1 mark

Section – C (Grammar) 15 marks

Q.7. to Q.11. A variety of 5 short questions for 3 marks each. Text types will include gap filling cloze (gap filling exercises with blanks at regular intervals) sentence completion, reordering word groups in sentences editing (errorfinding and sentence transformation)

Section – D (literature) 25 marks

Q.12. Extract based on poetry followed by RTC questions. - 4 marks

Q.13. Extract based on prose followed by RTC questions - 4 marks

Q.14. 6 Short answer question (30-40 words) where 1 question will be value based – 12 marks

Q.15. An extended question (with internal voice) to test global comprehension or deeper understanding of the prescribed texts. (50-60 words) - 5 marks

Syllabus for Term – I

English Literature

- 1) How Daddy Decided what He wanted to be
- 2) The White Elephant
- 3) Leisure
- 4) My Experiment with Truth
- 5) Today and Tomorrow
- 6) The Helpful Young Man

My English Reader

- 1) Unit Celebrations
- 2) Unit Hobbies
- 3) Unit Thrill in School life

Suggested topics from Reader units to practice

- 1) Festivals
- 2) My Hobby
- 3) School life
- 4) Life without friends / Importance of Friends
- 5) Importance of co-curricular activities
- 6) Your memorable experience at school.

English Practice Book

- 1) Unit – Putting it together
- 2) Unit – Regular and Irregular Verbs
- 3) Determiners
- 4) Subject – Verb Agreement (Concord)
- 5) Tenses (part – I) S

* Important Note: 10% of the 1st term syllabus will be included in the II term exam.

Syllabus for Term – II

Literature Text

- a) My Experiments with truth (From term – I)
- b) Bharat Desh
- c) Hanuman and I
- d) Our Tree
- e) Attila
- f) The Case of Copied Question Papers

Reader Text

- a) Unit 4 Performing Arts
- b) Unit 5 Vacation Time
- c) Unit 6 Tinsel world

Practise Text

- a) Subject - Verb Agreement (from Term - 1)
- b) Tense (part - II and III)
- c) Modals
- d) Conditionals
- e) Passive voice
- f) Reading for understanding

Suggestion for Enhancement of Language skills

Dictation/spell check/ Hand writing

Teachers may make use of words and passages suitable for class V.

Reading as an activity should take into account intonation, stress and pronunciation. Reading may include.

- a) Text Book reading
- b) newspaper reading
- c) Reading of long text
- d) Any other suitable material

Recitation- The following parameters should be kept in mind while evaluating recitation.

1. Clarity and expression
2. Tone and intonation
3. Posture

Note: Teachers may conduct debate / declamation / extempore/ role play

खण्डात्मक पाठ्यक्रम –2017–18

क्रमांक	माह	दिवस	ज्ञान सागर	अभ्यास सागर	पत्र, निबंध
1	मार्च		1. साथी हाथ बढ़ाना	1. साथी हाथ बढ़ाना	उच्चारण एवं तुकांत शब्द
2	अप्रैल		2. चिट्ठी के अक्षर 3. बरसते जल के रूप अनेक	2. चिट्ठी के अक्षर 3. बरसते जल के रूप अनेक	अनुस्वार एवं अनुनासिक, संज्ञा व भेद
3	जून		4. "पुरस्कार" 5. "सीखो" *	4. "पुरस्कार" 5. "सीखो"	सर्वनाम व भेद डायरी लेखन
4	जुलाई		6. अनोखा वरदान 7. सुन्दर लाल 8. नजानू कवि बना	6. अनोखा वरदान 7. सुन्दर लाल 8. नजानू कवि बना	विशेषण, 'र' के विभिन्न रूप, विराम-चिन्ह
5	अगस्त		9. दोहे 10. पोंगल	9. दोहे 10. पोंगल	अनेकार्थी शब्द, काल
6	सितंबर		पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति

निबंध व पत्रलेखन 1. मेरा भारत देश, 2. राष्ट्रीय पर्व 3. वर्षा ऋतु 4. पत्र अभ्यास-सागर के अनुसार, परियोजना कार्य – 1. समय के महत्व पर चर्चा 2. विज्ञापन 3. जल संरक्षण पर स्लोगन 4. नाटक का मंचन 5. बाल कविताओं का संकलन 6. दोहों का संकलन

	माह	ज्ञान सागर	अभ्यास सागर	व्याकरण / लेखन
7	अक्टूबर	11. तेनालीराम ने चोरों को उल्लू बनाया *	11. तेनालीराम ने चोरों को उल्लू बनाया	डायरी लेखन
8	नवंबर	12. दस आमों की कीमत 13. अनोखी दौड़ 14. एक रोमांचक यात्रा 15. परिश्रम	12. दस आमों की कीमत 13. अनोखी दौड़ 14. एक रोमांचक यात्रा 15. परिश्रम	नुक्ता का प्रयोग, उपसर्ग कारक, समरूपी, भिन्नार्थक शब्द
9	दिसंबर	16. धान का महत्व * 17. यात्रा और यात्री 18. पंच-परमेश्वर	16. धान का महत्व 17. यात्रा और यात्री 18. पंच-परमेश्वर	विज्ञापन, प्रत्यय क्रिया
10	जनवरी	19. सिकन्दर और साधु * 20. आया बसंत	19. सिकन्दर और साधु 20. आया बसंत	संवाद लेखन विविध शब्द – प्रयोग
11	फरवरी	पुनरावृत्ति		

निबंध व पत्र लेखन – पत्र लेखन अभ्याससागर के अनुसार, निबंध – समय का सदुपयोग, प्रदूषण, विज्ञान का चमत्कार परियोजना कार्य – 1. नव वर्ष एवं त्योहार पर ग्रीटिंग कार्ड 2. मुहावरों का मूक अभिनय 3. समसामयिक विषयों पर चर्चा

हिन्दी

6वीं प्रथम सत्र पाठ्य पुस्तक ज्ञान सागर एवं अभ्यास सागर

क्र. पाठ का नाम

1. साथी हाथ बढ़ाना (कविता)

2 अंक

2. चिट्ठी के अक्षर

2 अंक

3. बरसते जल के रूप अनेक

2 अंक

4. पुरस्कार

3 अंक

5. सीखो (कविता)*

—

6. अनोखा वरदान

4 अंक

7. सुंदर लाल

2 अंक

8. न जानू कवि बना

3 अंक

9. दोहे (कविता)

3 अंक

10. पोंगल

3 अंक – कुल अंक 24

प्रश्न पत्र

खंड – 'क' (अपठित बोध)

- | | |
|------------------|---------------|
| 1. अपठित गद्यांश | 10 अंक |
| 2. अपठित पद्यांश | 5 अंक |
| | 15 अंक |

खंड – 'ख' व्याकरण

- | | |
|------------------------------------|---------------|
| 1. उच्चारण एवं तुकांत शब्द (पाठ-1) | 2 अंक |
| 2. अनुस्वार एवं अनुनासिक (पाठ – 2) | 2 अंक |
| 3. संज्ञा व भेद (पाठ-3) | 3 अंक |
| 4. सर्वनाम व भेद (पाठ-4) | 2 अंक |
| 5. विशेषण (पाठ-6) | 3 अंक |
| 6. 'र' के विभिन्न रूप (पाठ-7) | 2 अंक |
| 7. विराम चिह्न (पाठ-8) | 2 अंक |
| 8. अनेकार्थी शब्द (पाठ-9) | 2 अंक |
| 9. काल (पाठ-10) | 2 अंक |
| | 20 अंक |

खंड – ग पठित बोध (पाठ्य पुस्तक)

- | | |
|---------------------------------------|---------------|
| 1. पठित पद्यांश | 03 अंक |
| 2. पठित गद्यांश | 03 अंक |
| 3. लघूत्तर प्रश्न – 1 संक्षिप्त उत्तर | 2x4=8 अंक |
| 4. लघूत्तर प्रश्न – 2 विस्तृत उत्तर | 3x4=12 अंक |
| 5. निबंधात्मक प्रश्न – 1 (वैकल्पिक) | 4x1=4 अंक |
| | 30 अंक |

खंड – घ (रचनात्मक लेखन)

- | | |
|---------------------------------|---------------|
| 1. अनुच्छेद लेखन – | 5 अंक |
| 2. पत्र लेखन – | 5 अंक |
| 3. सूचना / डायरी / स्लोगन लेखन– | 5 अंक |
| | 15 अंक |

कुल अंक 80

द्वितीय सत्र

पाठ्य पुस्तक ज्ञान सागर एवं अभ्यास सागर

- | | |
|---|---------------|
| क्र. पाठ का नाम | |
| 1. पोंगल (10: प्रथम सत्र से) | 2+3 5 अंक |
| 2. तेनाली राम ने चोरों की उल्लू बनाया * | – |
| 3. दस आमों की कीमत | 3 अंक |
| 4. अनोखी दौड़ | 2 अंक |
| 5. एक रोमांचक यात्रा | 4 अंक |
| 6. परिश्रम (कविता) | 2 अंक |
| 7. धान का महत्व * | – |
| 8. यात्रा और यात्री (कविता) | 2 अंक |
| 9. पंच परमेश्वर | 3 अंक |
| 10. सिकंदर और साधु | |
| 11. आया वसंत | 3 अंक |
| | 24 अंक |

खंड – क (अपठित बोध)

1. अपठित गद्यांश 10 अंक
2. अपठित पद्यांश 5 अंक

15 अंक

खंड – ख व्याकरण

1. काल (पाठ-10) 3 अंक
2. नुक्ता (पाठ-12) 2 अंक
3. उपसर्ग (पाठ-13) 3 अंक
4. कारक (पाठ-14) 2 अंक
5. समरूपी भिन्नार्थक शब्द (पाठ-15) 2 अंक
6. प्रत्यय (पाठ-17) 2 अंक
7. क्रिया (पाठ-18) 3 अंक
8. विविध शब्द प्रयोग (पाठ-19) 3 अंक

20 अंक

खंड – ग पठित बोध (पाठ्य पुस्तक)

1. पठित पद्यांश 03 अंक
2. पठित गद्यांश 03 अंक
3. लघूत्तर प्रश्न – 1 संक्षिप्त उत्तर 2x4=8
4. लघूत्तर प्रश्न – 2 विस्तृत उत्तर 3x4=12
5. निबंधात्मक प्रश्न – 1 (वैकल्पिक) 4x1=4

30 अंक

खंड – घ रचनात्मक लेखन

1. अनुच्छेद 5x1=5
2. पत्र लेखन 5x1=5
3. संवाद / सूचना / विज्ञापन 5x1=5

15 अंक

कुल अंक – 80

प्रथम चक्र मार्च/अप्रैल से सितम्बर

माह	दिन	पाठ्यक्रम (सुरभिः)	व्याकरणम्
मार्च		1 पुरः पुरः प्रगच्छ रे	शब्दरूपाणि— राम, लता, फल, गुरू। अस्मद्, युस्मद्, तत् किम् (पु.स्त्री.नपुं)
अप्रैल		2 मम प्रिय विद्यालयः	धातुरूपाणि—भूगम्, पठ्, लिख्, (लट्, लृट्, लङ्.) वर्णसंयोजनम्, वियोजनम् संख्या: 1 से 25
जून		3 चत्वारि प्रियमित्राणि	वचन परिवर्तनम् संधि—दीर्घ, गुण प्रत्यय—वत्वा, ल्यप्
जुलाई		4 मधुराः श्लोकाः 5 जले अपि वसन्ति जीवाः	उपसर्ग— अनु, अव, आ, उत्, उप, वि. अव्यय— तदा, धिक्, नीचैः, उपरि, अन्तः, बहिः. समीपे, दूरे, कोणे
अगस्त		वीर बालिका, गुंजन सक्सेना	चित्रवर्णनम्, पत्रम्, संवादः अपठित गद्यांशः
सितम्बर		पाठानाम् पुनराभ्यासः	व्याकरणस्य अभ्यासः

गतिविधियाँ—संस्कृतेन स्वपरिचय पाठस्य कण्ठस्थीकरण, मम विद्यालयः, जलजीवाः।

द्वितीय चक्र अक्टूबर से फरवरी

अक्टूबर		7. प्रहेलिकाः	शब्दरूपाणि — मति, धेनु, नदी, तत्, किम् पु./स्त्री./नपुं. धातुरूपाणि — दृश्, स्था, त्यज्, स्मृ (लट् लृट् लोट लङ्.)
नवम्बर		8. धन्या मातुः महिमा	संख्याः— 26 से 50 संधि वृद्धि, यण् अव्यय— पुरा ऋतु, विना, नमः, एकदा, एव, श्वः, ह्यः, अद्य, किमर्थम्
दिसम्बर		9. सिक्कम प्रदेशस्य सौन्दर्यम् 10. योग्य शिष्यः	उपसर्ग— निस्, प्रति, परि, प्र, वि लिंग परिवर्तनम्, वचनपरिवर्तनम्
जनवरी		11. मधुराणि वचनानि	प्रत्यय — तुमुन्, शतृ चित्रम्, पत्रम्, अपठितगद्यांश
फरवरी		पाठानाम् पुनराभ्यासः	व्याकरणस्य पुनराभ्यासः

गतिविधियाँ— 1. किसी कान्तिकारी, महापुरुष का चित्र, योगदान तथा परिचय, 2. मम माता 3. मधुरवचनानि

संस्कृतम्

कक्षा – षष्ठी

पूर्णाङ्क-80

समय : होरात्रयम्

1. विषयाणां वर्गीकरणम्

उद्देश्यानि	अपठित अवबोधनम्	रचनात्मक कार्यम् पत्रम्, चित्र वर्णनम्	अनुप्रयुक्त व्याकरणम्	पठित अवबोधनम्
अङ्कानां	10 प्रतिशत	10 प्रतिशत	40 प्रतिशत	40
अंकाः	8	8	32	32

2. प्रश्नानां वर्गीकरणम्

प्रश्न प्रकाराः	दीघोत्तराणि ण	लघूत्तराणि 1	लघूत्तराणि 2	योगः
प्रश्न संख्या	6	15	21	42
अंकाः	21	19	40	80

3. विषयाधिभारः

1	खण्ड (क) अपठित अवबोधनम्	8
2	खण्ड (ख) रचनात्मक कार्यम्	8
3	खण्ड (ग) अनुप्रयुक्त व्याकरणम्	32
4	खण्ड (घ) पठित अवबोधनम्	32

4. खण्ड योजना क, ख, ग, घ

5. काठिन्य निर्धारणम्

क. कठिन प्रश्नाः	8 प्रतिशत
ख. सामान्य प्रश्नाः	50 प्रतिशत
ग. सरल प्रश्नाः	22 प्रतिशत

6. उत्तराणात् अनुमानिता शब्द सीमा समय संयोजनञ्च

प्रश्न प्रकाराः	अनुमानिता शब्दा	होरा
1. दीर्घोत्तराणि	पत्रम्, चित्रवर्णम्, कथाक्रमः, अन्वयः, भावार्थः	एक होरा
2. लघूत्तराणि	एक वाक्यात्मकानि एक पदात्मकानि	होराद्वयम्

कक्षा – षष्ठी

(संस्कृतम्)

प्रथम चक्र मार्च/अप्रैल से सितम्बर

माह	दिन	पाठ्यक्रम (सुरभिः)	व्याकरणम्
मार्च		1 पुरः पुरः प्रगच्छ रे	शब्दरूपाणि— राम, लता, फल, गुरू। अस्मद्, युष्मद्, (तत् किम् पु.स्त्री.नपुं)
अप्रैल		2 मम प्रिय विद्यालयः	धातुरूपाणि—भू गम्, पठ्, लिख्, (लट्, लृट्, लङ्.) वर्णसंयोजनम्, वियोजनम् संख्याः 1 से 25
जून		3 चत्वारि प्रियमित्राणि	वचन परिवर्तनम् संधि—दीर्घ, गुण प्रत्यय—क्त्वा, ल्यप्
जुलाई		4 मधुराः श्लोकाः	उपसर्ग— अनु.अव, आ. उत्, उप, वि.

	5 जले अपि वसन्ति जीवाः	अव्यय- तदा, धिक्, नीचैः, उपरि, अन्तः, बहिः. समीपे, दूरे, कोणे
अगस्त	वीर बालिका, गुंजन सक्सेना	चित्रवर्णनम्, पत्रम्, अपठित गद्यांशः
सितम्बर	पाठानाम् पुनरभ्यासः	व्याकरणस्य अभ्यासः

गतिविधियाँ-संस्कृतेन स्वपरिचयम् पाठस्य कण्ठस्थीकरण, मम विद्यालयः, जलजीवाः।

द्वितीय चक्र अवटूबर से फरवरी

अक्टूबर	7. प्रहेलिकाः	शब्दरूपाणि – मति, धेनु, नदी, (तत्, किम् पु./स्त्री./नपुं.) धातुरूपाणि – दृश्, स्था, त्यज्, स्मृ (लट् लृट् लोट लङ्.)
नवम्बर	8. धन्या मातुः महिमा	संख्या:- 26 से 50 संधि वृद्धि, यण् अव्यय- पुरा ऋते, विना, नमः, एकदा, एव, श्वः, ह्यः, अद्य, किमर्थम्
दिसम्बर	9. सिक्कम प्रदेशस्य सौन्दर्यम् 10. योग्यः शिष्यः	उपसर्ग- निस्, प्रति, परि, प्र, वि लिंग परिवर्तनम्, वचनपरिवर्तनम्
जनवरी	11. मधुराणि वचनानि	प्रत्यय – तुमुन्, शतृ चित्रम्, पत्रम्, अपठितगद्यांश
फरवरी	पाठानाम् पुनराभ्यासः	व्याकरणस्य पुनराभ्यासः

गतिविधियाँ-1. किसी क्रांतिकारी, महापुरुष का चित्र, योगदान तथा परिचय, 2. मम माता 3. मधुरवचनानि

प्रथम चक्रस्य अंक विभाजनम्

1. अपठित अवबोधनम्	8
2. पठित अवबोधनम्	
क. पुरः पुरः प्रगच्छ रे	4
ख. मम प्रिय विद्यालय	4
ग. चत्वारि प्रिय मित्राणि	6
घ. मधुराः श्लोकाः	6
ङ. जले अपि वसन्ति जीवाः	6
च. वीर बालिका गुंजन सक्सेना	6
3. अनुप्रयुक्त व्याकरणम्	
क. शब्दरूपाणि	4
ख. धातुरूपाणि	4
ग. वर्ण संयोजनम् वियोजनम्	4
घ. संख्या	3
ङ. वचन परिवर्तनम्	3
च. संधि	4
छ. प्रत्यय	4
ज. उपसर्ग	3
झ. अव्यय	3
4. रचनात्मकं कार्यं	
क. चित्र वर्णनम्	4
ख. पत्रम्	4

द्वितीय चक्रस्य अंकविभाजनम्

खण्ड क

1. अपठित गद्यांशः 8

खण्ड ख

2. पठित अवबोधनम्

क. पाठ – 6 बीरबालिका गुञ्जन सक्सेना 4

ख. पाठ – 1 वर्णसंयोजनम् वर्णविच्छेदः च 4

ग. पाठ – 7 प्रहेलिका 4

घ. पाठ – 8 धन्या मातुः महिमा 5

ङ. पाठ – 9 सिक्किम प्रदेशस्य सौंदर्यम् 5

च. पाठ – 10 योग्यः शिष्यः 4

छ. पाठ – 11 मधुराणि वचनानि (अव्ययः भावार्थ) 6

खण्ड ग अनुप्रयुक्तव्याकरणम्

क. लिङ्गपरिवर्तनम् 3

ख. वचनपरिवर्तनम् 3

ग. सन्धिः सन्धिविच्छेदश्च 4

घ. शब्द रूपाणि 4

ङ. संख्या 3

च. अव्ययाः 4

छ. प्रकृतिप्रत्ययोः संयोजनं विभाजनञ्च 4

ज. धातुरूपाणि 4

झ. उपसर्गाः 3

खण्ड घ रचनात्मक कार्यम्

क. पत्रम् 4

ख. चित्रं दृष्ट्वा वाक्य निर्माणम् 4

MATHEMATICS Class – VI

The syllabus has been divided into two parts, one for the first term and the other for the second term.

Term – I

Unit	No. of periods	Marks allotted
1. Natural number & whole number	18	10
2. Factors and multiples	16	12
3. Integers	18	16
8. Basic Geometrical Concepts	05	08
9. Line segments	06	08
10. Angles	09	10
11. Pairs of lines & Transversal	06	06
12. Triangles	06	10
Total	84 Periods	80 Marks

Term – II

Unit	No. of periods	Marks allotted
4. Ratio & Proportion & Unitary method	12	10
5. Percentage and its applications	14	12
6. Introduction to Algebra	12	12
7. Linear equation in one variable	12	10
13. Circle	06	06
14. Constructions	10	08
15. Perimeter and Area	06	08
16. Statics	06	06
3. Integers (Term – I)		08
Total	78 Periods	80 Marks

1. Weightage to learning objective:

Objective	Understanding	Knowledge	Application	Hots	MD	Skills	Total
Marks	28	12	13	9	9	9	80

Weightage to form of questions:

Form of question	VSA (1 mark)	SA II (2 marks)	SA-I (3 marks)	LA (4 marks)	Total
Number of questions	6	6	10	8	30
Marks	6	12	30	32	80

20 marks are allotted for Internal Assessment for each term.

FIRST TERM : March'/April 2017 to September' 2017

MONTH	CHAPTERS	ACTIVITIES
MAR	Natural Numbers & Whole numbers	To show the circle and represent the whole and natural numbers.
APR	Factors & Multiples	To Prime factorisatio by factor three methods
JUNE	Integers (cont.)	To show the sum of integers on one number line. To show the power all exponent indicate the number of times the base is to be multiplied.
JULY	Basic Geometrical Concepts Line Segments Angles	To show the point, line, ray, line segment, with the help of point (bindi) traffic symbols, To show parallel lines, intersecting concurrent lines using wool and broom stricks/waste To show types of angle and pairs of angles (adjacent, linear pair, vertically opposite, complementary and supplementary angles using wools and broom sticks clocks)
AUG	Pairs of Lines & Transversal Triangles	To show types of angles and pair of angles (adjacent, linear pair, vertically opposite, complementary and supplementary angles) to show types and properties of triangle by paper cutting method.

SECOND TERM : October' 2014 to Feb' 2015

OCT.	Ratio & Proportion & Unitary Method Percentage and its applications	To show the solid, liquid in the glass and change their ratio. To calculate the % of marks obtained by the students in a test. To calculate the % of money spend by student in a month and a year by pocket money.
NOV.	Introduction to Algebra. Linear Equations.	To show the Algebraic Expression is a combination of number, literal numbers and fundamental operation.
DEC.	Circles Constructions	To draw circle and show radius, chord, diameters, arc. To construct angle of 60° , 120° , 90° , 45° by using compass.
JAN.	Perimeter and Area Statistics	To Draw a bar graph to show the marks obtained in different subjects in term 1 To show the type of figure and find the perimeter. To show the rectangle and find their area To draw of bar graph to show the marks obtained in different classes term - 1.

Month/ No. of W.D.	Unit / Topic	Total Marks	Suggested Activities	Periods
March (12 days)	1. Our Environment	10	1. Introduction of green bin (biodegradable waste) & blue bin (non biodegradable waste) 2. Model of rain water harvesting.	10
April (22 days)	2. Food 3. Nature of Matter	15 10	1. Collection of food materials which contain fat soluble and water soluble vitamins 2. Demonstrate the taste of sugar, starch and fat 3. Model of arrangement of particles in solid, liquid & gas 4. Demonstration of diffusion of potassium permanganate crystal, ink in water	12 10
June (12 days)	4. Separation of Substances	12	Group activity – Different methods of separation of mixtures like sublimation, filtration, magnetic separation, loading, sedimentation, decantation in groups	10
July (26 days)	6. Measurement & Motion	10	1. To measure the dimensions of the furniture, blackboard and floor of the classroom using footsteps, cubit and meter scale	20
August (24 days)	7. The world of Living 11. Electric Current & Circuit	8 15	1. Show the prepared slides of Amoeba 2. Demonstrate the cell of onion peel 3. To study the features of hydrophytic and xerophytic plant 4. To make a fruit / juice cell 5. Study the different parts of a dry cell. 6. Demonstrate the closed circuit and open circuit	9 15
September (23 days)			Revision	

SECOND TERM : October' 2018 to Feb' 2019

October (20 days)	5. Changes Around us 13. Magnets	10 10	1. Demonstrate the physical/ Chemical , slow/fast, Reversible/ Irreversible changes eg. Cutting and apple, breaking of chalk tearing of paper, burning of paper ice into water etc. 2. To compose the properties of wastage iron nail and normal iron nail. 1. To make an electromagnet show the different types of magnet.	9 9
November (18 days)	10. Work & Energy	10	To demonstrate the relation between work and energy through any of the activity and write the observations.	10
December (24 days)	8. Structure & Function of Living Organisms- Plants 9. Structure & Function of Living Organisms- Animals	12 12	1. Show the type of root system by using different types of seedlings. 2. Demonstrate the structure of the flower e.g. by using Hibiscus flower. 1. Working model of digestive system, respiratory system, excretory system. 2. To get impression of incisors canines, premolars and molars, in dough and count the number of teeth in your buccal cavity.	12 12
January (25 days)	12. Light & Shadows 14. Fabric from fibre	10 8	1. To make a pin hole camera using a cardboard box (shoe box) 2. Demonstrate the solar eclipse & lunar eclipse through an activity by using by study lamp, football and tennis ball. 1. To collect different natural and synthetic fibre.	15 8
February (12 days)			Revision	

Science

Weightage to form of questions: Term - I

S. No.	Form of question	Marks for each question	No. of questions	Total Marks
1.	One word answer	01	1x4 (Parts)	04
2.	Fill in the blanks	01	1x4 (parts)	04
3.	Choose the correct option	01	1x4 (parts)	04
4.	Very short answer Type I (VSA I)	01	1x4 (parts)	04
5.	Very short answers Type II (VSA II)	02	10	20
6.	Short answer (SA)	03	08	24
7.	Long answer	05	04	20
			26 Questions	80 Marks

Syllabus of Term - I

Unit/Topic	Marks	%age
Chapter - 1 Our Environment	10	12.5
Chapter - 2 Food	15	18.75
Chapter - 3 Nature of matter	10	12.5
Chapter - 4 Separation of substances	12	15
Chapter - 6 Measurement and motion	10	12.5
Chapter - 7 The world of living	8	10
Chapter - 11 Electric current and circuit	15	18.75
Total	80	100

Term - II Weightage to form of questions:

S. No.	Form of question	Marks for each question	No. of questions	Total marks
1.	One word answer	01	1x4 (Parts)	04
2.	Fill in the blanks	01	1x4 (parts)	04
3.	Choose the correct option	01	1x4 (parts)	04
4.	Very short answer Type I (VSA I)	01	1x4 (parts)	04
5.	Very short answers Type II (VSA II)	02	10	20
6.	Short answer (SA)	03	08	24

7.	Long answer	05	04	20
			26 Questions	80 Marks

Syllabus of Term - II

1. Chapter - 2	Food	8 marks	10%
2. Chapter - 5	Changes around us	10 marks	12.5%
3. Chapter - 8	Structure & function of living organisms-Plants	12 marks	15%
4. Chapter - 9	Structure & function of living organisms -Animals	12 marks	15%
5. Chapter - 10	Work & Energy	10 marks	12.5%
6. Chapter - 12	Light and Shadows	10 marks	12.5%
7. Chapter - 13	Magnets	10 marks	12.5%
8. Chapter - 14	Fabric from Fibre	8 marks	10%
Total		80 marks	100%

TERM FIRST - MARCH 2018 TO SEPTEMBER 2018

Month	Working Days	Unit / Topic	Suggested Activities
March	12	1. The Planet Earth & the Solar System	Prepare a modal / chart showing solar system.
April	22	2. Representation of the Earth . 8. Studying the Past 9. Life of Early Man 21. Our Community Life - Unity in Diversity	1. Prepare a sketch from your house to your school showing some landmark on the way. 2. Make a list of problems caused by over population. Hold a group discussion in the class to find out solution to this problems.
June	12	10. Development of civilization	Various uses of seals in modern times.
July	26	11. The Iron age Civilization 3. Locating places on the Earth 4. The Motion of the Earth	Study the Atlas and find out the location of the important cities of the world. Tokyo Newyork, Beijing, Singapore 1. Make a chart to show the revolution of the earth and the seasons.
August	24	22. Democracy and government 12. Janapadas and Mahajanpadas 13. The Mauryan Dynasty	1. Conduct Election in class emphasizing on compaign and secret ballet. 2. Collect some pictures showing the crafts of Magadha period 3. Discuss on the right to vote not be given to poor people, the women, the uneducated the corrupt people.
September	23	Revision Term - I	

TERM FIRST - MARCH 2018 TO SEPTEMBER 2019

Month	Working Days	Unit / Topic	Suggested Activities
October	20	14. Early History of Deccan & South 5. The Realms of the Earth 15. North India after Mauryas & Sungas	1. Prepare a time line showing the various kingdom of the South India 2. Prepare a chart depicting different land forms on the earth and label them.
November	18	6. India- My Motherland 23. Our Rural Governance 16. The Gupta Empire	1. Locate India's Neighbouring countries on the outline Map of the World 2. Discuss the contribution of Gupta rules. 2. Elect a Nyaya Panchayat at the class level to settle the dispute of your class.
December	24	7. India - The Land of Monsoon Climate 17. The Era of Harsha 24. Our Urban Governance	1. Collect the data of temperature and rainfall of your area. 2. On the outline map of India show Harsha's Empire and important cities.
January	25	18. Deccan & South India 19. India & the Outside World 20. The Indian Religions	Prepare a chart on /festivals of all religions with pictures of their founders. Collect some pictures of UNESCO world heritage site in India.
February	23	Revision Term - II	

Term - I

S.NO	MONTH	WORKING DAY	Name of lesson	Marks 50
1	March	12	ईश स्तुति सन्ध्या और उसकी तैयारी	4 4
2	April	22	ब्रह्मयज्ञ तुम ही इक नाथ	4 4
3	June	12	आर्य समाज के नियम ;(1 और 2)	6
4	July	26	भक्तराज ध्रुव मर्यादा पुरुषोत्तम राम श्री कृष्ण चरित	8 6 6
5	August	24	धर्मवीर हकीकत राय ईश प्रार्थना	5 3
6	September	23	पुनरावृत्ति	

Term - II

प्रथम सत्र से 10 प्रतिशत

भक्तराज ध्रुव

1	October	20	पाप के अन्न का प्रभाव राष्ट्रीय प्रार्थना	5 5
2	November	18	प्रभु का धन्यवाद जीवनदानी दयानन्द	5 6
3	December	24	श्यामजी कृष्णवर्मा रामप्रसाद विस्मिल मस्ताना जोगी	5 4 5
4	January	25	सिद्धान्त बोध प्रश्नावली शुभ कामना सूक्तियाँ	6 4
8	February	10	पुनरावृत्ति	

CLASS-VII**SUBJECT-ENGLISH (Mar 2018-Feb 2019)**

Month & No. of Working Days	LITERATURE	PRACTICE	READER	WRITING	ACTIVITIES
March (12 days)	1. Monkey Trouble	-	-	Diary Entry	Comprehension, Role Play Greeting Card for Grand Parents with message. A Poem on Friendship.
April (22 days)	2. Birdie will you pet?	1. The Article 2. The Sentence	1. People at work	Message	
June (12 days)	3. A Hero	3.The Compound Sentence	-	Report Notice	
July (26 days)	4. Fight Manju Fight! 5. I Dream A World	4. Phrases & Clauses	2. Relationship	Formal Letter Paragraph Writing	
August (24 days)	6.Stone Soup In Bohemia	5. Transitive & Intransitive Verbs 6. Passive Voice. Reading for Understanding	3. Attitude	-	
Sep. (23 days)	REVISION + EXAM				
Oct. (20 days)	7. A Stormy Adventure	6. Modals	-	Article	Comprehension. List ten things to make world more beautiful. Write on any one of the achievers. Information about various people of different states of India- Costumes, Food, Faith etc.
Nov. (18 days)	8.The Spider & The Fly. 9. The Human Robot.	8. Reported Speech 9.Future Time Reference	4. Achievers	E-mail	
Dec (24 days)	10.Friends & Flatterers	10. Perfect Progressive Tense.	5. The Future World.	Bio- Sketch Speech	
Jan. (25 days)	11. Chocolates In Your Dreams Too.	11. Linkers	6. Unity In Diversity	Informal Letter.	
Feb. (10 days)	REVISION + EXAM - SA - II				

Examination Specification

The entire session has been divided into two terms, the details of which are tabulated below:

Term - I

Division of Syllabus Section	Marks	Total Marks
Reading	20	80
Writing	20	
Grammar	15	
Literature	25	
Internal Assessment	5+5+10	20
Total	80+20	100

Term - II

Division of Syllabus Section	Marks	Total Marks
Reading	20	80
Writing	20	
Grammar	15	
Literature	25	
Internal Assessment	5+5+10	20
Total	80+20	100

Note:

1. The question paper for Term – I and Term – II will be of 80 marks each. 20 marks will be allotted for Internal Assessment.
2. Refer to the table given below for Internal Assessment.

Internal Assessment

S. No.	Assessment	Marks	Weightage
1	Class Assessment/ Home Assessment	5	25%
2	Average of Unit Test / Pen paper test / class test/ periodic tests	10	50%
3	Subject Enrichment (ASL)	5	25%
Total		20	100%

Section A (Reading) 20 Marks

Three unseen passage with a variety of comprehensive questions and word attack skills such as word formation, inferring meaning etc.

Q.1. Passage I with 10 marks weightage will consist of comprehension question in the conventional way. 2 marks out of 10 must be for word attack skill such as word formation and inferring meaning.

Q.2. Passage II with 5 marks weightage will consist of gap filling to test comprehension.

Q.3. Passage III with 5 marks weightage will consist of comprehension question in the conventional way.

Section – B (Writing) 20 marks

This section will include three writing tasks.

Q.4. Short composition of not more than 50 words for 4 marks.

Q.5. and Q.6. for 8 marks each.

* The marking scheme of Q. 4 will be as follows:

Content – 3 marks

Format – 1 mark

* The marking scheme of Q.5. and Q.6. will be as follows:

Content - 3 marks

Fluency - 2 marks

Accuracy - 2 marks

Format - 1 mark

Section – C (Grammar) 15 marks

Q.7. to Q.11. A variety of 5 short questions for 3 marks each. Text types will include gap filling, cloze (gap filling exercises with blanks at regular intervals) sentence completion, reordering word groups in sentences, editing (errorfinding and sentence transformation)

Section – D (literature) 25 marks

Q.12. Extract based on poetry followed by RTC questions. - 4 marks

Q.13. Extract based on prose followed by RTC questions - 4 marks

Q.14. 6 Short answer question (30-40 words) where 1 question will be value based – 12 marks

Q.15. An extended question (with internal voice) to test global comprehension or deeper understanding of the prescribed texts. (50-60 words) - 5 marks

Important Note: 20% of the 1st term syllabus will be included in the 2nd term exam.

* Suggestion for enhancement of language skills.

a) Dictation / spell check/ handwriting.

Teachers may make use of words and passage suitable for class VII.

* Reading as an activity should take into account intonation, stress and pronunciation. Reading may include

a) Text book reading

b) Newspaper reading

c) Reading of long text

d) Any other suitable material

* Recitation : The following parameters should be kept in mind while evaluating recitation.

1. Clarity and expression

2. Tone and intonation

3. Posture

Note: Teachers may conduct debate/ declamation / extempore / properly for enhancing speaking skills of the learner's.

Syllabus for Term – I

English Literature

1) Monkey trouble

2) Birdies, will you pet?

3) A Hero

4) Fight Manju Fight!

5) I Dream a world

6) Stone Soup in Bohemia

My English Reader

1) Unit : People at work

2) Unit : Relationship

3) Unit : Attitude

Suggested topics from Reader units to practice

- 1) People at work
- 2) Importance of Joint Family
- 3) Friend in need is a friend in deed.
- 4) True happiness lies in making others happy.
- 5) Hard work alone leads to success.

English Practice Book

- 1) The Article
 - 2) The Sentences
 - 3) The compound sentences
 - 4) Phrases and clauses
 - 5) Passive Voice
- Reading for understanding

Writing Skills

Diary Entry, Message, Report, Notice, Formal letter, paragraph writing.

Syllabus for Term - II

English Literature

7. A stormy Adventure
8. The spider & the fly
9. The Human Robot
10. Friends & Flatterers
11. Chocolates in your dreams too.

My English Reader

4. Unit - Achievers
5. Unit - The future world
6. Unit - Unity in diversity

Suggested topics from Reader Units to practice:

1. Physically challenged people can overcome their limitation if we provide them congenial environment.
2. Qualities required to overcome disabilities.
3. Seed of achievement lies in human mind.
4. Human beings are becoming slaves of technology.
5. Unity in diversity.

Practice Book

7. Modals
8. Reported speech
9. Future time reference
10. Perfect progressive tense
11. Linkers

Writing Skill Topics

Article, Email, Biosketch, speech, Informal letter.

Portion from Term - I

Literature

3. A Hero
5. I dream a world

Practice Book

5. Transitive & Intransitive Verbs
1. The Article

CLASS – VII

FIRST TERM

SUBJECT – HINDI

माह	WD.	ज्ञान सागर	अभ्यास सागर	व्याकरण/लेखन
मार्च		1. बारह मासा	1. बारह मासा	संयुक्त व्यंजन, उच्चारण
अप्रैल		2. नाटक में नाटक 3. निर्मला, साँप व सयाल	2. नाटक में नाटक 3. निर्मला, साँप व सयाल	अनुस्वार व अनुनासिक संज्ञा व भेद
जून		4. बातूनी 5. राजू का सपना	4. बातूनी राजू का सपना	उपसर्ग और प्रत्यय पत्र लेखन के नियम
जुलाई		6. समय 7. स्कूल की छुट्टियाँ 8. एवरेस्ट की चुनौती	6. समय 7. स्कूल की छुट्टियाँ 8. एवरेस्ट की चुनौती	विसर्ग चिन्ह, सर्वनाम व भेद, विशेषण व भेद
अगस्त		9. सवाल का जवाब 10. झंडा ऊँचा रहे हमारा	9. सवाल का जवाब 10. झंडा ऊँचा रहे हमारा	क्रिया व भेद एवं कहानी लेखन
सितंबर		पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति
निबंध व पत्र लेखन – मित्र को पत्र, अपने क्षेत्र में गंदगी को साफ करवाने हेतु स्वास्थ्य अधिकारी को पत्र, परीक्षा की तैयारी के विषय में बताते हुए पिताजी को पत्र हमारा प्यारा भारत वर्ष , विज्ञान वरदान या अभिशाप विद्यार्थी और अनुशासन परियोजना कार्य – 1. विज्ञापन 2- कविता पाठ 3- अनुच्छेद लिखने का अभ्यास 4- समय के महत्व पर चर्चा 5- चित्र देखकर कहानी लेखन				
SECOND TERM				
अक्टूबर		11 उस रात की बात 12 दोहे	11 उस रात की बात 12 दोहे	क्रिया विशेषण व भेद, विविध शब्द प्रयोग
नवंबर		13 साहस को सलाम 14 एस0 रामानुजन 15 अन्नदाता कृषक 16. देश भक्त पुरु	13 साहस को सलाम 14 एस0 रामानुजन 15 अन्नदाता कृषक 16. देश भक्त पुरुष	काल व भेद, डायरी लेखन कला, रुढ़, यौगिक, योगरूढ़, संयुक्त क्रिया, एवं रंजक क्रिया समुच्चय बोधक अव्यय
दिसंबर		17. काकी 18. बाललीला व कुंडलियाँ 19. गणेशोत्सव 20. कर्मवीर	17. काकी 18. बाललीला व कुंडलियाँ 19. गणेशोत्सव 20. कर्मवीर	शब्द भेद (तत्सम, तद्भव, देशज, आगत) , अनुप्रास अलंकार, विराम चिह्न, कारक

पत्र लेखन – 1. अपने छोटे भाई को पत्र लिखकर पतंग उड़ाने की सावधानियाँ बताएँ

2. अवकाश हेतु प्रधानाचार्य को पत्र 3. अपने शोक के बारे में बताते हुए मित्र को पत्र।

अनुच्छेद – व्यायाम के लाभ

2. हमारी वन सम्पदा 3. किसी महान वैज्ञानिक की जीवनी

परियोजना कार्य – समसामयिक विषयों पर चर्चा यात्रा वर्णन, आसपास के वातावरण पर परिचर्चा, मुख्य त्यौहारों का सचित्र वर्णन।

7वीं प्रथम सत्र पाठ्य पुस्तक ज्ञान सागर एवं अभ्यास सागर

क्र.	पाठ का नाम	आबंटित अंक
1.	बारह मासा	2+3 5 अंक
2.	नाटक में नाटक	4 अंक
3.	निर्मला साँप व सयाल	2 अंक
4.	बातूनी	3 अंक
5.	राजू का सपना	—
6.	समय	3 अंक
7.	स्कूल की छुट्टियाँ	2 अंक
8.	एवरेस्ट की चुनौती	2 अंक
9.	सवाल का जवाब	3 अंक
10.	झंडा ऊँचा रहे हमारा	—
		योग 24 अंक

प्रश्न पत्र

खंड – क (अपठित बोध)

1. अपठित गद्यांश (200 शब्दों में) 10 अंक
 2. अपठित पद्यांश 5 अंक
- 15 अंक**

खंड – ख व्याकरण – अभ्यास सागर से

1. संयुक्त व्यंजन व उच्चारण 3 अंक
2. अनुस्वार एवं अनुनासिक 2 अंक
3. संज्ञा के भेद 3 अंक
4. उपसर्ग और प्रत्यय 3 अंक
5. विसर्ग चिह्न 2 अंक
6. सर्वनाम के भेद 3 अंक
7. विशेषण व भेद 2 अंक
8. क्रिया व भेद 2 अंक

योग 20 अंक

खंड – ग पठित बोध (ज्ञान सागर से)

1. पठित पद्यांश 03 अंक
 2. पठित गद्यांश 03 अंक
 3. लघुत्तर प्रश्न-1(संक्षिप्त उत्तर) 2x4=8
 4. लघुत्तर प्रश्न-2 (विस्तृत उत्तर) 3x4=12
 5. निबंधात्मक प्रश्न-1 4x1=4
- 30 अंक**

खंड – घ (रचनात्मक लेखन)

- | | |
|-------------------------------|--------|
| 1. निबंध/अनुच्छेद लेखन | 05 अंक |
| 2. पत्र लेखन (अभ्यास सागर से) | 05 अंक |
| 3. विज्ञापन/संवाद/डायरी | 05 अंक |

15 अंक

कुल अंक – 80

द्वितीय सत्र पाठ्य पुस्तक ज्ञान सागर एवं अभ्यास सागर

क्र. पाठ का नाम	अंक विभाजन	कुल अंक
1. 6 समय (प्रथम सत्र से)	3	3
2. 8 एवरेस्ट की चुनौती (प्रथम सत्र से)	3 (अथवा)	3 (अथवा)
3. 11 उस रात की बात	2	2
4. 12 दोहे	2	2
5. 13 साहसको सलाम	2	2
6. 14 एस रामानुजम*	—	—
7. 15 अन्नदाता कृषक	2	2
8. 16 देश भक्त पुरु	3	3
9. 17 काकी	3	3
10. 18 बाललीला व कुंडलियाँ	4	4
11. 19 गणेशोत्सव	3	3
12. 20 कर्मवीर	2	2
		24 अंक

प्रश्न पत्र

खंड – क (अपठित बोध)

- | | |
|-----------------------------------|----|
| 1. अपठित गद्यांश (200 शब्दों में) | 10 |
| 2. अपठित पद्यांश | 5 |

15 अंक

खंड – ख व्याकरण (अभ्यास सागर से)

प्रथम सत्र से

- | | |
|-------------------------|-------|
| 1. विसर्ग चिह्न (पाठ 6) | 5 अंक |
| 2. विशेषण व भेद (पाठ 8) | 3 अंक |
- द्वितीय सत्र से**
- | | |
|--|-------|
| 3. 11 क्रिया विशेषण व भेद | 1 अंक |
| 4. 12 विविध शब्द प्रयोग | 2 अंक |
| 5. 13 काल व भेद | 1 अंक |
| 6. 15 रूढ़, यौगिक व योगरूढ़ शब्द | 2 अंक |
| 7. 16 संयुक्त क्रिया, रंजक क्रिया एवं समुच्चय बोधक अव्यय | 1 अंक |
| 8. 17 शब्द भेद (तत्सम, तद्भव आदि) | 2 अंक |

9. 18 अनुप्रास अलंकार	1 अंक
10. 19 विराम चिह्न	1 अंक
11. 20 कारक चिह्न	1 अंक

कुल 20 अंक

खंड – ग पठित बोध (ज्ञान सागर से)

1. पठित पद्यांश	03 अंक
2. पठित गद्यांश	03 अंक
3. लघुत्तर प्रश्न – 1 – संक्षिप्त उत्तर	2x4=8
4. लघुत्तर प्रश्न – 2 – विस्तृत उत्तर	3x4=12
3. निबंधात्मक प्रश्न –	4x1=4
	30 अंक

खंड – घ (रचनात्मक लेखन)

निबंध/अनुच्छेद –	5 अंक
पत्र लेखन –	5 अंक
सूचना लेखन (पाठ 8 से)/ डायरी/संवाद	5 अंक
	15 अंक

कुल योग 80

संस्कृतम् कक्षा – सप्तमी
प्रथम सत्रम्

अवधि – होरात्रयम्

पूर्णाङ्का – 80

उद्देश्यानि	अपठित अवबोधनम्	रचनात्मक कार्यम् चित्र वर्णनम्, पत्र लेखनम्	अनुप्रयुक्त व्याकरणम्	पठित अवबोधनम्	योगः
अङ्कानां	12.5 प्रतिशतम्	12.5 प्रतिशतम्	37.5 प्रतिशतम्	37.5 प्रतिशतम्	100 प्रतिशतम्
अंकाः	10	10	30	30	80

प्रश्नानां वर्गीकरणम्

प्रश्न प्रकाराः	दीर्घोत्तराणि	लघूत्तराणि 1	लघूत्तराणि 2	योगः
प्रश्न संख्या	8	8	16	32
अङ्का	27	7	46	80

विषयाधिभारः

1	खण्ड क अपठित अवबोधनम्	10
2	खण्ड ख रचनात्मक कार्यम्	10
3	खण्ड ग पठित अवबोधनम्	30
4	खण्ड घ अनुप्रयुक्त व्याकरणम्	30
योगः		80

कक्षा – सप्तमी

(संस्कृतम्)

प्रथम चक्र मार्च/अप्रैल से सितम्बर 2018

माह	पाठ्यक्रम (सुरभिः)	व्याकरणम्
मार्च 12 दिन	ईश्वर प्रार्थना तव महिमानं वन्दे	राम, लता, फल, नदी, साधु, अस्मद्/युस्मद्, भवत (पु./स्त्री.) किम्, सर्व पु./स्त्री./नपु.
अप्रैल 22 दिन	1. बुद्धिः एवं अस्माकं बलं 2. अभ्यासः एवं परमोगुरुः	धातुरूपाणि— भू, गम्, दृश, स्था, स्मृ, पठ्, अस् (पंचलकारेषु) सेव, लभ्, (लट्, लृट्)
जून 12 दिन	3. उपकारकाः वृक्षाः	अव्यय पदानि— एकदा, अधः, च, तदा, एव, कथम्, कदा, नीचैः, उपरि, अपि, अधुना
जुलाई 26 दिन	4. आगच्छ भोजनं कुर्याम	संधि— दीर्घ, गुण प्रत्यय — क्त्वा, ल्यप्, शतृ संख्या — 1 से 50
अगस्त 24 दिन	5. सुवचनानि 6. यस्य बुद्धिः तस्य बलम्	उपसर्ग—अनु., अव, अभि, आ, उत्, उप उपपदविभक्ति द्वितीया — अभितः, परितः, उभयतः, प्रति, विना तृतीया — अलम्, काणः बधिरः, सह, विना लिंगलकार परिवर्तन। समास — तत्पुरुष, द्वन्द्व, चित्रम्, पत्रम्, अपठित गद्यांश
सितम्बर 23 दिन	पुनरावृत्तिः	व्याकरणस्य पुनराभ्यासः

गतिविधियाँ—श्लोक उच्चारण एवं लेखन, वृक्षानाम् उपयोगिता, सन्तुलित भोजनम् नीतिवचनानि।

अंक विभाजन

1. अपठित गद्यांश	—	10
2. रचनात्मक कार्यम्		
क. चित्रवर्णनम्	—	5
ख. पत्रम्	—	5
3. पाठ्य पुस्तकात्		
क. पठित गद्यांश	—	5
ख. पठित श्लोकांश	—	5
ग. पठित संवाद	—	5
घ. श्लोकस्य अन्वयः	—	4
ङ कथा क्रमाः	—	4
च. प्रश्न निर्माणं	—	4
छ. उचित मेलनं	—	3
4. व्याकरण आधारित प्रश्नाः		
क. शब्द रूपाणि	—	4
ख. धातु रूपाणि	—	4
ग. अव्यय पदानि	—	3
घ. संधि	—	3
ङ संख्या	—	3
च. प्रत्यय	—	3
छ. उपसर्ग	—	3
ज. उपपद विभक्ति	—	4
झ. समास	—	3

द्वितीय सत्रम्

अवधि — होरात्रयम्

पूर्णाङ्का — 80

उद्देश्यानि	अपठित अवबोधनम्	रचनात्मक कार्यम् चित्र वर्णनम्, पत्र लेखनम्	अनुप्रयुक्त व्याकरणम्	पठित अवबोधनम्	योगः
अङ्कानां	12.5 प्रतिशतम्	12.5 प्रतिशतम्	37.5 प्रतिशतम्	37.5 प्रतिशतम्	100 प्रतिशतम्
अंकाः	10	10	30	30	80

प्रश्नाना वर्गीकरणम्

प्रश्न प्रकाराः	दीर्घोत्तराणि	लघूत्तराणि 1	लघूत्तराणि 2	योगः
प्रश्न संख्या	8	8	16	32
अङ्का	27	7	46	80

विषयाधिभारः

1	खण्ड क अपठित अवबोधनम्	10
2	खण्ड ख रचनात्मक कार्यम्	10
3	खण्ड ग पठित अवबोधनम्	30
4	खण्ड घ अनुप्रयुक्त व्याकरणम्	30
योगः		80

प्रथम सत्रतः 20 प्रतिशत (16 अंक)

द्वितीय पाठः – अभ्यासः एव परमोगुरु

व्याकरणम् – क. संधि – दीर्घ, गुण

ख. संख्या – 1 से 50

ग. उपसर्ग – अनु, अव, अभि, आ, उत्, उप

द्वितीय चक्र अक्टूबर 2018 से फरवरी 2019

माह	पाठ्यक्रम (सुरभिः)	व्याकरणम्
अक्टूबर 20 दिन	7. बुद्धिः एव उत्तमा	शब्दरूपाणि— मुनि, मति, साधु, पितृ, मातृ, धेनु, नदी, तत् किम्, एतत् इदम् पु./स्त्री./नपु.
नवम्बर 18 दिन	8. अविवेकः परमापदां पदम्	धातुरूपाणि – दृश, स्था, त्यज,स्मृ, (लट् लृट्, लोट्, लङ्.) उपसर्ग – प्र,प्रति,वि,सम्,दुस,निस्
दिसम्बर 24 दिन	9. बुद्धिमान् गोपालकः	धातुरूपाणि – वद, नम् त्यज्, रच्, लिख्, पा, कृ, (पंचलकारे) सेव्, लभ्, (आत्मनेपदी) लङ्.लकारे) संधि – वृद्धि, यण्, संख्या – 51 से 100, प्रत्यय – क्त, क्तवत्, तुमुन्
जनवरी 25 दिन	10. मधुराणि वचनानि	समास—द्वन्द्व, अव्ययीभाव उपपद विभक्ति –चतुर्थी— रुच्, नमः, दा पंचमी – बहिः पृथक्, ऋतु, षष्ठी— उपरि, सप्तमी— स्निह्, विश्वस्, अव्यय— पुरा, ऋते, विना, नमः, एव एकदा, श्वः ह्य, अद्य, किमर्थम्, वर्णसंयोजनम्, वियोजनम्, चित्रण,पत्रम्, अपठित गद्यांशः
फरवरी 10 दिन	पाठानाम् पुनरावृत्तिः	व्याकरणस्य पुनराभ्यासः

गतिविधियाँ—श्लोक उच्चारण एवं लेखन, वृक्षानाम् उपयोगिता, सन्तुलित भोजनम् नीतिवचनानि ।

अंक विभाजन

1.	अपठित गद्यांश	—	10
2.	रचनात्मक कार्यः		
	क. चित्रवर्णनम्	—	5
	ख. पत्रम्	—	5
3.	पाठ्य पुस्तकात्		
	क. पठित गद्यांश	—	5
	ख. पठित श्लोकांश	—	5
	ग. पठित संवाद	—	5
	घ. श्लोकस्य अन्वयः	—	4
	ङ कथा क्रमाः	—	4
	च. प्रश्न निर्माणं	—	4
	छ. उचित मेलनं	—	3
4.	व्याकरण आधारित प्रश्न		
	क. शब्द रूपाणि	—	4
	ख. धातु रूपाणि	—	4
	ग. अव्यय पदानि	—	3
	घ. संधि	—	3
	ङ संख्या	—	3
	च. प्रत्यय	—	3

छ. उपसर्ग	—	3
ज. उपपद विभक्ति	—	4
झ. समास	—	3

MATHEMATICS (Class - VII)

The syllabus has been divided into two parts one for the first term and the other for the second term.

Unit	Term - I	
	No. of Periods	Marks allotted
1. Rational Number	12	11
2. Operations on Rational Numbers	16	14
3. Rational Numbers as Decimals	10	09
4. Exponents and powers	20	14
8. Triangle and Its properties	10	12
9. Congruent Triangles	10	08
12. Data Handling	06	12
Total	84	80

Term - II

Unit	No. of Periods	Marks allotted
5. Application of Percentage	13	10
6. Algebraic Expression	18	10
7. Linear Equation in one variable	10	11
10. Construction of Triangle	08	07
11. Perimeter and Area	18	12
13. Symmetry	06	07
14. Visualising solids	05	07
4. Exponents and powers (Term - I)		06
8. Triangle and its properties (Term - I)		05
9. Congruent Triangles (Term - I)		05
Total	78	80

1. Weightage to learning objective:

Objective	Understanding	Knowledge	Application	HOTS	MD	Skill	Total
Marks	28	12	13	9	9	9	80

2. Weightage to form of questions:

Form of questions	VSA (1 mark)	SA II (2 marks)	SA I (3 marks)	LA (4 marks)	Total
Number of questions	6	6	10	8	30
Marks	6	12	30	32	80

20 marks are allotted for internal assessment for each term.

CLASS - VII SUB - MATHEMATICS
Name Of The Book – Secondary Mathematics

TERM - I

S.N.	MONTH	UNITS/TOPICS
1	MAR	UNIT -1 Rational Numbers
2	APR	UNIT -2 Operations on rational Numbers UNIT- 3 Rational Numbers as decimals
3	JUNE	UNIT- 4 Exponents & Powers
4	JULY	UNIT- 4 Exponents & Powers (cont.) UNIT- 8 The triangles and its properties
5	AUG	UNIT- 9 Congruent Triangles UNIT- 12 Data Handling
6	SEPT	UNIT-12 Data Handling (Cont.) (Revision)+SA-1 EXAM.

ACTIVITIES :

1. Representation of rational numbers on the number line
2. Angle sum property of a triangle (by paper cuttings)
3. Exterior angle property of a triangle.
4. To show the centroid, orthocenter circumcentre & Incentre by paper folding.

TERM-II

	MONTH	UNITS/ TOPIC
7	OCT	UNIT- 5 Application of Percentage UNIT- 6 Algebraic Expressions
8	NOV	UNIT- 6 Algebraic Expressions(cont.) UNIT- 7 Linear Equations in one variable
9	DEC	UNIT- 10 Construction of triangles UNIT- 11 Perimeter and Area
10	JAN	UNIT-13 Symmetry UNIT- 14 Visualising Solids
11	FEB	(Revision) +Exam SA- II

ACTIVITIES:

1. To verify $(a+b)^2 = a^2+2ab+b^2$ (using colour paper)
2. To find circumference of a circle.
3. To make any three symmetrical paper cutting design
5. Collection of data any five and draw the graph.
4. To show the 3-dimensional shapes and its faces, edges and vertices of solids.
5. To prepare the nets of 3-dimentional shapes.

FIRST TERM : March /April 2018 to September 2018					
Month	No. of Working Days	Unit/Topic	Total Marks	Suggested Activities	Periods
March	12	1. Nutrition in living organisms - plants	10	<u>Observation and inference</u> - 1. Observe stomata on lower/upper surface of a leaf. 2. To study Functioning of stomata on applying a layer of Vaseline on the surfaces of leaf. 3. To Study Symbiotic association in lichens/legume. 4. compose poem on the utility of plants.	10
April	22	2. Nutrition in living organisms - animals & man	11	1. Digestive property of saliva (experimental design) 2. Use clay/ woollen thread to make model showing nutrition in amoeba. 3. Demonstration of neutralization and displacement reactions. 4. Assign a particular organ of the digestive system of human to each student and ask them to enact the role of it.	10
		3. Chemical substances & processes	10		10
June	12	4. Acid, Bases and Salt	11	1. Testing of acids and bases commonly found in our house hold items with the help of various indicators. 2. Painting by using soap solution on a chart paper coated with turmeric. 3. Preparation of electrolyte and to demonstrate that it conducts electricity. 4. To test acidic basic and neutral salt using litmus paper.	10
July	26	5. Heat	10	1. Activity to show conduction, convection and radiation. 2. Measure the temperature of ice, boiled water, human body using thermometer. 3. Comparison of clinical and laboratory thermometer. 4. To show that black objects absorb more heat. 5. Demonstrate time period using a simple pendulum. 6. Measure the speed of various objects (pencil, toy car, plastic ball) kept at inclined plane.	10
		6. Motion and time	9		10
Aug	24	7. Respiration in Organisms	11	1. Demonstrate & observe anaerobic respiration in yeast through house hold activity.	12
		8. Transportation	8		12

		in plants and animals		2. Working model showing breathing mechanism. 3. Demonstration of water transportation in plants using white flowers. 4. To observe the fermentation process in batter of idli or dhokla preparation .	
Sept	23	Revision Exam			

SECOND TERM: October 2018 to February 2019

Oct	20	9. Reproduction in plants. 10. Soil	8	1) Spore formation in bread mould 2) Different modes of vegetative propagation through sampling and chart. 3) Difference between unisexual and bisexual flowers through collection of samples. 4) Collect different seeds to show modes of dispersal 5) To collect different types of soil to study their properties. 6) Demonstrate plasticity and cohesion property of soil of different types. 7) Making model of soil profile.	10
			7		10
Nov	18	11. Electric charges at rest 12. Light	8	1) To demonstrate attraction of unlike charges and repulsion of like charges. 2) To classify house hold materials into conductors and insulator. 3) To demonstrate the property of image formed by a plane mirror. 4) To make a kaleidoscope 5) To demonstrate the law of reflection of light.	8
			8		10
Dec	24	13. Weather, Climate & adaptation of animals to climate 14. Fabric from fibre 15. forest	8	1) To collect weather report from newspaper and stick in scrap book 2) Debate on "Boiling of cocoons is cruelty towards them". 3) Make a list of wild life sanctuaries and national park in India. 4) Find out the names of different breeds of sheep and the places where they are found. 5) Make a list of 5-10 wildlife sanctuaries in India and locate	8
			5		8
			7		8

				them on the map.	
Jan	25	16. Water	5	1) Role play – Save water,	10
		17. Electric current and its effects	8	2) Model of rain water harvesting. 3) To make an electromagnet and study the factors that affect its strength. 4) To study the heating effect in Nichrome wire. 5) Make simple electric circuits in series and parallel.	10
Feb	12	Revision + Exam			

Weightage to form of questions: Term – I

S. No.	Form of question	Marks for each question	No. of questions	Total marks
1.	One word answer	01	1x4 (Parts)	04
2.	Fill in the blanks	01	1x4 (parts)	04
3.	Choose the correct option	01	1x4 (parts)	04
4.	Very short answer Type I (VSA I)	01	1x4 (parts)	04
5.	Very short answers Type II (VSA II)	02	10	20
6.	Short answer (SA)	03	08	24
7.	Long answer	05	04	20
			26 Questions	80 Marks

Syllabus of Term – I

Weightage to content/subject units

Unit/Topic	Marks	%age
Chapter - 1 Nutrition in Living organisms - Plants	10	12.50
Chapter - 2 Nutrition in Living organisms - Animals and Man	11	13.75
Chapter - 3 Chemical Substances and processes	10	12.50
Chapter - 4 Acids, Bases and Salts	11	13.75
Chapter - 5 Heat	10	12.50
Chapter - 6 Motion and Time	9	11.25
Chapter - 7 Respiration in Organisms	11	13.75
Chapter - 8 Transportation in Plants and Animals	8	10
Total	80	100

Syllabus of Term – II

Weightage to content/subject units

Unit/Topic	Marks	%age
Chapter – 3 Chemical substances and processes (From 1 st term)	8	10
Chapter – 5 Heat (From 1 st Term)	8	10
	} 16	} 20%
Chapter – 9 Reproduction in plants	8	10
Chapter – 10 Soil	7	8.75
Chapter – 11 Electric Charges at Rest	8	10
Chapter – 12 Light	8	10
Chapter – 13 Weather, Climate and Adaptation of Animals	8	10
Chapter – 14 Fabric from Fibre	5	6.25
Chapter – 15 Forests	7	8.75
Chapter – 16 Water	5	6.25
Chapter – 17 Electric current and its Effects	8	10
Total	80	100

1st Term

Month	Chapter Topic	Suggestion Activities
March (12 days)	1. Components of Environment 9. Medieval Period	Prepare a coloured diagram showing different spheres of environment. Map work showing National Park.
April (22 days)	2. The Earth & the changes on it. 10. The Rise of small kingdoms in North India 18. Democracy and Equality	Collect pictures of various features formed by agents of gradation and weathering. Make a model of any great monument of North India e.g. Lingraj Temple, Konark Temple and Khajuraho Temple. Group discussion Topic – Social inequality and its impacts and measures to remove it.
June (11 days)	19. Our State Government	Debate- Topic – Is there a need to have Vidhan Parishad?
July (24 days)	3. The Surface and interior of the Earth 11. Rise of small kingdoms in South India 20. Media The Mainstay of Democracy	Make a model of the Earth's interior showing its major layers. Find out the differences in the temple architecture of North & South India. Group discussion – The role of Television influencing public opinion.
August (24 days)	4. The Air around us 12. Turkish invasion in North India 13. Delhi Sultanate	Collect the weather report of last week from the News Paper. Power point presentation – Topic – The Rajput King Prithviraj Chauhan
September (23 days)	Revision Term – I	

Term – II

Marks weightage of the chapters from Term – I (20) Total marks = 16

Chapter	Name of Chapter
Chapter – 4	Air Around Us
Chapter – 12	Turkish inventions in North India
Chapter – 19	Our State Government

2nd Term

Month	Chapter Topic	Suggestion Activities
October(20 days)	5. Water surrounding the Earth 14. Regional Power 21. Advertising and Democracy	Collect the pictures of different marine resources present in the ocean. Prepare on administrative flow chart of Vijay Nagar rulers. Make on advertisement to create awareness about literacy and health
November (18 days)	6. Life on the Earth 15. The Mughal Empire	Collect of the endangered plants and animals. Make a collage of Mughal architectural delights.
December (24 days)	7. Human Environment 16. Emergence of independent states 22. Unpacking gender	Group discussion impact of internet Role play of Shivjee, Tipu Sultan, Raja Ranjeet Singh Collect information with photographs of five eminent women personalities of India
January (25 days)	8. Land & the people 17. Major religions 23. Market around us	Collect information on the life style of the farmers of Sunderban delta. Write an essay on communal harmony (150 words) Find information about new schemes launched by the government for the benefit of the poor.
February	Revision Chapter 4, 12, & 19 of Term – I & All the chapter of Term- II	

1. Weightage to form of questions:

Form Questions	Marks of each question	No. of question their serial number	Total marks
Very short answer (VSA)	1	S. No. 1 to 10 (10)	10
Short answer (SA)	3	S. No. 11 to 20 (10)	30
Long answer (LA)	5	S. No. 21 to 27 (7)	35
Map question	3+2	S. No. 28	5
Total			80
Internal Assessment 20 Marks			20
Total		28	100

2. Unit wise division of questions:

Unit No. & Subject	Marks	VSA(1) mark questions	SA(3)	LA (5)	Map	Total
1. Our Environment	27	3	12	10	2	27
2. Our Past	27	2	12	10	3	27
3. Changing face of Indian Democracy	26	5	6	15	-	26
Total	80	10	30	35	5	80

3. Weightage to difficulty level:

- a) Recalling : 20%
- b) Understanding : 40%
- c) Applying : 40%

Our Environment

Term - I

Total mark 27

Chapter	Name of Chapter	Marks
Chapter - 1	Components of Environment	6
Chapter - 2	Earth and the changes on it	8
Chapter - 3	The Surface and the interior of the earth	7
Chapter - 4	Air Around Us	6

Our Past

Total mark 27

Chapter	Name of Chapter	Marks
Chapter - 9	Medieval period	2
Chapter - 10	Rise of small kingdoms in North India	7
Chapter - 11	Rise of small kingdoms in South India	6
Chapter - 12	Turkish inventions in North India	3
Chapter - 13	Delhi Sultanate	9

Changing Face of Indian Democracy

Total mark 26

Chapter	Name of Chapter	Marks
Chapter - 18	Democracy and Equality	9
Chapter - 19	Our State Governments	8
Chapter - 20	Media : The Mainstay of Democracy	9

Term - II

Marks weightage of the chapters from Term - I (20%) total marks: 16

Chapter	Name of Chapter	Marks
Chapter - 4	Air around us	6
Chapter - 12	Turkish inventions in North India	5
Chapter - 19	Our State Governments	5

Marks weightage of the chapters for Term - II Full Course: 64 Marks

Our Environment

21 marks

Chapter	Name of Chapter	Marks
Chapter - 5	Water surrounding the earth	4
Chapter - 6	Life on the Earth	4
Chapter - 7	Human Environment	8
Chapter - 8	Land and the people	5

Our Past

22 marks

Chapter	Name of Chapter	Marks
Chapter - 14	Regional Powers	7
Chapter - 15	The Mughal Empire	7
Chapter - 16	Emergence of independent states	4
Chapter - 17	Major Religion	4

Changing Face of Indian Democracy

21 marks

Chapter	Name of Chapter	Marks
Chapter - 21	Advertising and Democracy	7
Chapter - 22	Unpacking Gender	9
Chapter - 23	Markets Around Us	5

कक्षा सातवीं

विषय नैतिक शिक्षा

प्रथम सत्र मार्च 2018 से सितंबर 2018

माह	कार्य दिवस	पाठ का नाम	अंक 50
मार्च	12	1. ईश स्तुति: सत्ता तुम्हारी भगवन 2. धर्म के लक्षण	3 5
अप्रैल	22	3. आर्य समाज के नियम (3 से 6) 4. अभियान गीत: धरम बांसुरी तू बजाए	5 3
जून	12	5. व्यायाम	5
जुलाई	26	6. प्रातः उठने के लाभ 7. उद्बोधन गीत – उठ जाग मुसाफिर 8. सत्संग का महत्व	5 4 5
अगस्त	24	9. योग और उसके अंग 10. ईश विनय – आनंद रूप भगवन 11. स्वामी श्रध्दानंद	6 4 5
सितंबर	23	पुनरावृत्ति, प्रथम सत्रीय परीक्षा	

द्वितीय सत्र अक्टूबर 2018 से फरवरी 2019

(प्रथम सत्र से 20 प्रतिशत 10 अंक)

पाठ – 5 व्यायाम

पाठ – 8 सत्संग का महत्व

द्वितीय सत्र 80 प्रतिशत 40 अंक

माह	कार्य दिवस	पाठ का नाम	अंक 40
अक्टूबर	20	12. महात्मा हंसराज 13. स्वामी दर्शनानंद 14. आर्य पथिक पंडित लेखराम	5 5 3
नवंबर	18	15. उद्घोष – हम दयानंद के सैनिक 16. मेरा देश	3 5
दिसंबर	24	17. रोगी कौन नहीं? 18. अंधविश्वास का फल 19. अटल प्रीति – तुम हो प्रभु चांद	5 5 4
जनवरी	25	20. हमारे पर्व 21. संध्या तथा दैनिक हवन के मंत्र 22. यज्ञ की आरती तथा शांति पाठ	5
फरवरी	10	पुनरावृत्ति एवं वार्षिक परीक्षा	

Courses of Study
and
Scheme of Marking

Class-VIII

“2021–22”



Published by :

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THINGS TO REMEMBER FOR A QUALITY LIVING

- सत्यं वद।
Speak the truth.
- धर्मं चर।
Lead a religious life.
- मातृ देवो भव।
Treat your Mother as God.
- पितृ देवो भव।
Treat your Father as God.
- आचार्यं देवो भव।
Treat your Teacher as God.
- अतिथि देवो भव।
Treat your Guest as God.
- ओ३म् असतो मा सद्गमय।
तमसो मा ज्योतिर्गमय।
मृत्योर्मा॑मृतं गमय।
O Lord ! lead me from Unreal
to Real, from Darkness to Light,
from Death to Immortality.



Contents

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हिंदी (Higher)

कक्षा-VIII

भाषा अभिव्यक्ति का एक सशक्त माध्यम है जिसके द्वारा हम जीवन को समझते हैं, उससे जुड़ते हैं और जीवन-जगत को प्रस्तुत करते हैं। भाषा विद्यार्थी के श्रवण, वाचन, पठन एवं लेखन कौशल का विकास करते हुए साहित्य में अभिरूचि विकसित करने में सहायक है। भाषा विद्यार्थियों के ज्ञान क्षेत्र को इतनी व्यापकता प्रदान कर देती है कि वह किसी भी विषय के बारे में अपनी स्वतंत्र राय बनाने तथा अभिव्यक्त करने में सक्षम होता है।

भाषा शिक्षण के उद्देश्य

- दैनिक जीवन में भाषा संबंधी कौशल (श्रवण, वाचन, पठन, लेखन) का विकास।
- भाषा एवं साहित्य की विविधता से परिचय।
- भाषा का साहित्यिक एवं व्यावहारिक प्रयोग समझना।
- व्याकरण के अनुसार भाषा-प्रयोग की समझ।
- साहित्य का आनंद प्राप्त करना।
- कविताओं के भाव एवं शिल्प को समझना।
- मौलिक एवं सृजनात्मक लेखन में दक्षता प्राप्त करना।
- समसामयिक प्रसंगों/संदर्भों को तार्किक ढंग से अभिव्यक्त करना।
- वैज्ञानिक एवं तकनीकी शब्दों को समझना।
- वर्णन, विश्लेषण एवं संश्लेषण करने में सक्षम होना।

अंक विभाजन प्रणाली (वार्षिक परीक्षा)

आंतरिक मूल्यांकन	20 अंक
वार्षिक परीक्षा	80 अंक
1. आंतरिक मूल्यांकन	20 अंक
(i) आवधिक मूल्यांकन	05 अंक
(तीन आवधिक परीक्षा अनिवार्य है जिसमें से किन्हीं दो का औसत भार लिया जाएगा।)	

(ii) बहुविध मूल्यांकन

05 अंक

- मौखिक- (आशु भाषण, काव्य पाठ व दोहा गायन, अंत्याक्षरी)
- एकल एवं सामूहिक गतिविधि- (समाचार वाचन, भित्ति पत्रिका निर्माण, एकल अभिनय व एकांकी मंचन)
- कक्षा परिचर्चा- (किसी भी समसामयिक विषय पर)
- प्रश्नोत्तरी (क्विज)

(मूल्यांकन बिंदु- विषयवस्तु, विषयानुकूलता, लय-ताल, आरोह-अवरोह द्वारा कविता पाठ, उच्चारण, अभिनेयता संवाद अभिव्यक्ति एवं सामान्य ज्ञान)

(iii) पोर्टफोलियो

05 अंक

- पत्रिका / कॉपी
- सत्र के दौरान उपलब्धियों का प्रमाणपत्र एवं छाया चित्र सहित उल्लेख
- स्वरचित कविता, कहानी, आलेख या दैनन्दिनी के लघु अंश

(मूल्यांकन बिंदु- रखरखाव, पूर्णता, स्वच्छता, विषयानुकूलता एवं प्रस्तुति)

(iv) विषयगत संवर्धन गतिविधि

05 अंक

- श्रवण एवं वाचन गतिविधि
(मूल्यांकन बिंदु- श्रवण-शब्दों और पदों को समझाने की योग्यता, दीर्घ एवं जटिल कथनों एवं विचार-बिंदुओं को समझने की योग्यता, वाचन-शब्दों के उच्चारण की शुद्धता एवं धारा प्रवाह रूप में प्रस्तुति)

वार्षिक परीक्षा

खंड-‘क’ (अपठित बोध)

10 अंक

- अपठित गद्यांश (150-200 शब्द)

खंड-‘ख’

- व्यावहारिक व्याकरण
(ज्ञान सागर एवं अभ्यास सागर पर आधारित)

20 अंक

खंड-‘ग’ (पाठ्य पुस्तक)

I. काव्य खंड

10 अंक

- लघूत्तरात्मक प्रश्न I (25-30 शब्दों में)
2 + 2 + 2 = 6 (विकल्प सहित)
- निबंधात्मक प्रश्न
4 × 1 = 4 (विकल्प सहित)

II. गद्य खंड

20 अंक

- लघूत्तरात्मक प्रश्न I (25-30 शब्दों में)
2 + 2 + 2 = 6 (विकल्प सहित)
- लघूत्तरात्मक प्रश्न II (40-50 शब्दों में)
3 + 3 + 3 = 9 (विकल्प सहित)
- निबंधात्मक प्रश्न
5 × 1 = 5 (विकल्प सहित)

30 अंक

खंड-‘घ’ (रचनात्मक लेखन)

- अनुच्छेद लेखन (80-100 शब्द) 05 अंक
- पत्र लेखन (औपचारिक एवं अनौपचारिक) 05 अंक
- सूचना लेखन (30-40 शब्द) 05 अंक
- संवाद लेखन 05 अंक

20 अंक

परीक्षा वार्षिक पाठ्यक्रम

पाठ्य पुस्तकें-ज्ञान सागर एवं अभ्यास सागर

- पाठ 1 हम पंछी उन्मुक्त गगन के (कविता)
अनुस्वार, अनुनासिक 'र' के विभिन्न रूप, नुक्ता
- पाठ 2 असल धन (कहानी)
तत्सम-तद्भव, विराम चिह्न, अपठित गद्यांश
- पाठ 3 अच्छे पड़ोसी के गुण (निबंध)
उपसर्ग, प्रत्यय
- पाठ 4 दोपहरी (कविता)
अलंकार (अनुप्रास, उपमा, रूपक, मानवीकरण)
- पाठ 6 आश्रम के अतिथि और संस्मरण (संस्मरण)
भाववाचक संज्ञा, अपठित गद्यांश
- पाठ 7 अन्याय के खिलाफ लड़ाई (जीवनी)
वाक्यांश के लिए एक शब्द, वाक्य-शुद्धिकरण
- पाठ 8 दोहे (पद्य)
अलंकार (उत्प्रेक्षा, श्लेष, यमक, अतिशयोक्ति)
- पाठ 9 जब भोलाराम ने पम्प लगाया (व्यंग्य)
विशेषण, प्रविशेषण
- पाठ 10 बातचीत की कला (निबंध)
संधि (स्वर संधि)
- पाठ 11 सितारों से आगे (जीवनी)
समास (तत्पुरुष, द्विगु, द्वंद्व)
- पाठ 12 पौधों के पंख (डायरी)
निपात, अपठित गद्यांश
- पाठ 13 सूर और तुलसी के पद (पद्य)
अलंकार (पुनरावृत्ति)
- पाठ 14 बहु की विदा (एकांकी)
रचना के आधार पर वाक्य भेद

- पाठ 15 कामचोर (कहानी)
समास (अव्ययीभाव, कर्मधारय, बहुव्रीहि)
- पाठ 17 सोना (रेखाचित्र-संस्मरण)
व्यंजन संधि
- पाठ 18 निर्माण (कविता)
अलंकार (पुनरावृत्ति)
- पाठ 19 जीवन का सच (पत्र)
व्यंजन संधि, अपठित गद्यांश
- पाठ 20 ईर्ष्या : तू न गई मेरे मन से (निबंध)
अर्थ के आधार पर वाक्य-भेद

केवल पढ़ने के लिए पाठ

- पाठ 5 आकाश को सात सीढ़ियाँ (कहानी)
पाठ 16 एक तिनका (कविता)

(व्यावहारिक व्याकरण)

- अनुस्वार, अनुनासिक एवं नुक्ता
- 'र' के विभिन्न रूप
- उपसर्ग, प्रत्यय
- तत्सम, तद्भव
- शब्द भंडार (पर्यायवाची शब्द, विलोम शब्द, वाक्यांश के लिए एक शब्द)
- संधि (स्वर एवं व्यंजन संधि)
- समास
- वाक्य विचार (रचना एवं अर्थ के आधार पर)
- वाक्य शुद्धिकरण
- विराम चिह्न
- मुहावरे
- अलंकार

हिंदी

(तृतीय भाषा)

हिंदी भाषा शिक्षण के उद्देश्य :

1. हिंदी भाषा के प्रति रुचि जाग्रत करना एवं उसकी विशिष्ट प्रकृति और क्षमताओं का बोध।
2. दैनिक जीवन में भाषा संबंधित कौशल (सुनना, बोलना, पढ़ना, लिखना) का विकास।
3. भाषा के साहित्यिक एवं व्यावहारिक प्रयोग की समझ।
4. शब्द-भंडार में वृद्धि करना।
5. वैज्ञानिक एवं तकनीकी शब्दों को समझना।
6. प्रवाहपूर्ण अर्थग्रहण, चिंतन-मनन एवं सृजनात्मक अभिव्यक्ति का विकास।
7. रचनात्मक एवं व्यावहारिक लेखन हेतु प्रेरित करना।
8. स्वाध्याय की प्रवृत्ति का विकास करना।
9. वर्णन, विश्लेषण एवं संश्लेषण करने में सक्षम होना।

अंक विभाजन प्रणाली (वार्षिक परीक्षा)

- | | |
|---|---------------|
| 1. आंतरिक मूल्यांकन | — 20 अंक |
| 2. वार्षिक मूल्यांकन | — 80 अंक |
| आंतरिक मूल्यांकन: | 20 अंक |
| 1. आवधिक परीक्षा | 05 अंक |
| (तीन आवधिक परीक्षा अनिवार्य हैं जिनमें से किन्हीं दो का औसत भार लिया जाएगा) | |
| 2. बहुविध मूल्यांकन | 05 अंक |
| • मौखिक (आशु वाचन, काव्य पाठ, अंत्याक्षरी) | |

- एकल व सामूहिक गतिविधि (एकल अभिनय व एकांकी मंचन, समाचार वाचन)
- कक्षा परिचर्चा (किसी भी समसामयिक विषय पर)
- प्रश्नोत्तरी (क्विज)
(मूल्यांकन बिंदु-विषयवस्तु, विषयानुकूलता, लय-ताल, आरोह-अवरोह द्वारा कविता पाठ, उच्चारण, अभिनेयता, संवाद अभिव्यक्ति एवं सामान्य ज्ञान)

3. पोर्टफोलियो 05 अंक

- पत्रिका/काँपी
- सत्र के दौरान उपलब्धियों का प्रमाणपत्र एवं छाया चित्र सहित उल्लेख
- स्वरचित कविता, कहानी, आलेख या दैनन्दिनी के लघु अंश (मूल्यांकन बिंदु- रखरखाव, पूर्णता, स्वच्छता, विषयानुकूलता एवं प्रस्तुति)

4. विषयगत संवर्धन गतिविधि 05 अंक

- श्रवण व वाचन कौशल
(मूल्यांकन बिंदु- श्रवण-शब्दों और पदों को समझने की योग्यता, दीर्घ एवं जटिल कथनों एवं विचार-बिंदुओं को समझने की योग्यता, वाचन-शब्दों के उच्चारण की शुद्धता एवं धारा प्रवाह रूप में प्रस्तुति)

वार्षिक परीक्षा 80 अंक

खंड-क (अपठित बोध) 10 अंक

- अपठित गद्यांश (150-200 शब्द)

खंड-ख

- व्यावहारिक व्याकरण 20 अंक
(भाषा माधुरी एवं भाषा अभ्यास पर आधारित)

खंड-ग

- पाठ्य पुस्तक 30 अंक

(क)	वस्तुनिष्ठ प्रश्न	5 अंक
	• रिक्त स्थानों की पूर्ति (गद्य एवं पद्य)	(1×2=2)
	• पाठ के आधार पर वाक्यों का मिलान	(1×3=3)
(ख)	अतिलघूत्तरात्मक प्रश्न	5 अंक
	• किसने, किससे कहा	(1×2=2)
	• एक वाक्य में उत्तर	(1×3=3)
(ग)	लघूत्तरात्मक प्रश्न	16 अंक
	• प्रश्न-उत्तर (पाठ पर आधारित)	(2×5=10)
	(25-30 शब्द)	
	• प्रश्न- उत्तर (पाठ पर आधारित)	(3×2=6)
	(30-40शब्दों में)	
(घ)	विस्तृत प्रश्न (पाठ पर आधारित)	4 अंक
	• (चार-पाँच पक्तियों में)	(4×1=4)

खंड-घ

रचनात्मक लेखन	20 अंक
• अनुच्छेद लेखन	5 अंक
• पत्र लेखन	5 अंक
• चित्र वर्णन	5 अंक
• संवाद लेखन	5 अंक

वार्षिक परीक्षा पाठ्यक्रम	अंक
1. अपठित गद्यांश के आधार पर संक्षिप्त प्रश्नोत्तर	(1×10=10)
2. व्यावहारिक व्याकरण	20 अंक
• अनुस्वार, अनुनासिक व नुक्ता	1 अंक
• संज्ञा (भेद-सहित), सर्वनाम	2 अंक
• विशेषण-विशेष्य	1 अंक
• क्रिया - संयुक्त क्रिया	1 अंक
• काल व भेद	1 अंक

• पर्यायवाची शब्द	2 अंक
• विलोम शब्द	1 अंक
• 'र' के विभिन्न रूपों का प्रयोग	1 अंक
• मुहावरे	1 अंक
• विराम-चिह्न	1 अंक
• वाक्यांश के लिए एक शब्द	1 अंक
• संज्ञा शब्दों के वचन बदलना	1 अंक
• उपसर्ग-प्रत्यय	2 अंक
• कारक	2 अंक
• अशुद्धि शोधन	1 अंक
• मानक रूप	1 अंक

3. पाठ्य-पुस्तक (भाषा-माधुरी) 30 अंक

पाठ 1	दिमागी लड़ाई
पाठ 2	लौह पुरुष
पाठ 3	पेड़ (कविता)
पाठ 4	पूरे एक हजार (केवल पढ़ने के लिए)
पाठ 5	दो पहलवान
पाठ 6	नदी यहाँ पर (कविता)
पाठ 7	पतीले की मृत्यु (केवल पढ़ने के लिए)
पाठ 8	टपके का डर
पाठ 9	अजंता की सैर
पाठ 10	ये बात समझ में आई नहीं....(केवल पढ़ने के लिए)
पाठ 11	बिरसा मुंडा
पाठ 12	अगर न नभ में बादल होते (कविता)
पाठ 13	प्रिय-पौधा
पाठ 14	बुद्धिमान राजा
पाठ 15	अँधेर नगरी
पाठ 16	चाँद का कुर्ता (कविता)

- पाठ 17 हार की जीत
 पाठ 18 बेट्टिना का साहस
 पाठ 19 लौट आया आत्मविश्वास (केवल पढ़ने के लिए)
 पाठ 20 कोशिश करने वालों की हार नहीं होती (कविता)

4. रचनात्मक लेखन

- (i) अनुच्छेद (80-100 शब्द)
 (क) खेलों का महत्त्व
 (ख) यात्रा का वर्णन
 (ग) मेरा प्रिय त्योहार
 (घ) पुस्तकें हमारी मार्गदर्शक
 (ङ) परिश्रम सफलता का आधार
 (च) प्रातः काल की सैर
 (छ) मेरी प्रिय ऋतु
 (ज) स्वच्छ जीवन-स्वस्थ जीवन
- (ii) पत्र लेखन
 (क) औपचारिक-पत्र
 (अवकाश-प्राप्ति के लिए प्रधानाचार्य/प्रधानाचार्या को प्रार्थना-पत्र, क्षमा-याचना, शुल्क-माफी आदि।)
 (ख) अनौपचारिक-पत्र
 (निमंत्रण पत्र, बधाई-पत्र, भाषा अभ्यास में दिए पत्रों का अभ्यास आदि)
- (iii) चित्र-वर्णन
 *केवल दृष्टिबाधित छात्रों के लिए डायरी लेखन दिया जाएगा।
- (iv) संवाद लेखन

निर्धारित पुस्तकें

- ज्ञान सागर (कक्षा आठवीं)
- अभ्यास सागर
 (प्रकाशन विभाग, डी०ए०वी० कॉलेज प्रबन्धकर्तृ समिति, नई दिल्ली)

ENGLISH COURSE–‘A’

English Course ‘A’ is based upon an approach of teaching/ learning which helps to develop the learners’ communicative competence. The aim of this course is to equip the learners to use the language as a spring board to explore and study other areas of knowledge and also in real life situations in which they may be required to use English.

General Aims

- (a) To enable the learners to communicate effectively in English;
- (b) To enable the learners to use the four language skills, i.e., listening, speaking, reading and writing,
- (c) To enable the learners to use grammar structures and other grammatical forms accurately and appropriately,
- (d) To develop an interest in and appreciation of literature,
- (e) To enable the learners to use language fluently, appropriately and confidently in real-life situations.
- (f) To develop curiosity and creativity through extensive reading,
- (g) To facilitate self-learning to enable them to become independent learners,
- (h) To review, organise and edit their own work and work done by peers.

Learning Outcomes

Listening

By the end of the course, learners should be able to:

1. listen, converse and understand the topic and its main points,
2. listen and extract information from any broadcast, conversation etc.,
3. distinguish main points from supporting details,

4. distinguish relevant and irrelevant information,
5. understand and respond to an instruction, advice and request in familiar and unfamiliar social situations.

Speaking

By the end of the course, learners should be able to :

1. speak appropriately, correctly and intelligently (take care of stress & intonation),
2. speak with accuracy following the overall rhythm of spoken English i.e., proper pause and sentence stress,
3. narrate incidents and events in a logical sequence,
4. present oral reports,
5. express and argue a point clearly and effectively,
6. convey messages effectively,
7. frame questions so as to get a desired response,
8. take an active part in group discussions, showing an ability to express agreement or disagreement, to summarise ideas, to elicit the views of others, and to present own ideas,
9. express and respond to personal feelings, opinions and attitudes,
10. participate in spontaneous spoken discourse in familiar and unfamiliar social situations.

Reading

By the end of the course, students should be able to:

1. read silently as well as aloud at varying speed,
2. read for information,
3. read for thematic understanding,
4. read for distinguishing main ideas from supporting details,
5. read for recognizing new words in a context,
6. analyse, interpret and evaluate the ideas in a text and make inferences,

7. read and complete the given summary,
8. read extensively for pleasure.

Writing

By the end of the course, students should be able to:

1. express ideas clearly, concisely, correctly and appropriately,
2. Write letters (formal and informal) in an appropriate style and format.
3. plan, organise and present ideas coherently by introducing, developing and concluding a topic, e.g., articles, speech.
4. present an argument, supporting it with appropriate examples.
5. recode information from one text type to another (e.g., diary entry to letter).
6. write on themes based on specified topics (suggested),
7. Write a message, notice, e-mail and diary entry.

Literature

By the end of the course, students should be able to :

1. understand, interpret and evaluate a 'character' in a literary text,
2. understand, interpret and evaluate plot/story/theme in a literary text,
3. understand 'form' in a literary text such as rhyme, rhythm, and literary devices.

Grammar

By the end of the course, students should be able to use the following grammatical items appropriately and accurately in a context:

1. Tenses
2. Narration

3. Modals
4. Subject-Verb Agreement
5. Complex sentences, compound sentences. Clauses should be limited to the teaching of main and subordinate clauses. Instead of classification of subordinate clauses students should be taught to complete the sentences using 'linkers' followed by a clause.
6. Linkers
7. Passive and Active voice
8. Non-finites
9. Punctuation
10. Prepositions, Adverbs and Adjectives and determiners are parts of integrated grammar.

EXAMINATION SPECIFICATIONS

The Annual examination will be conducted by DAVCAE comprising the entire syllabus.

ANNUAL EXAMINATION

Division of Syllabus	Marks	Total Marks
Sections		
A-Reading	20	
B-Writing and Grammar	30	
C-Literature	30	80
Internal Assessment	[5+5+5+5]	20
Total	80+20	100

Note :

1. The question paper for the annual examination will be of 80 marks. 20 marks will be allotted for Internal Assessment.
2. Refer to the table given below for Internal Assessment.

INTERNAL ASSESSMENT

S.No. Tools of Internal Assessment	Total Weightage 20 Marks
1 Periodic Tests —Pen and paper test (Three periodic tests will be conducted at school and the average of the best two scores will be reduced to 5 marks for internal assessment)	5
2 Multiple Assessment for each students to be done by using the tools of observation, oral test, individual/group work, field work, class discussion (Quiz, debates, roleplay, bulletin board etc.)	5
3 Subject Enrichment Activities (Assessment of speaking and listening skills) Portfolio 1. Journal 2. Notebooks (to display exemplary work)	5
4 Assessing the Portfolio (Guidelines for teachers) <ul style="list-style-type: none">• organisation :- (neatness & visual appeal)• completion of guided work focused on specific curriculum objective.• evidence of students' growth• inclusion of relevant Art Integrated work.	5

SECTION – A (Reading) 20 Marks

This section will have two unseen passages of a total length of 450-600 words. The arrangement within the reading section is as follows.

1. A factual passage of 200-250 words with eight Objective Type questions (including 6 multiple choice questions and other 2 based on True/False or gap filling). 8 Marks

2. A discursive passage of 250-300 words with four short answer type questions to test inference, evaluation and analysis and four objective type questions (including 2 multiple choice questions) to test vocabulary.

SECTION-B (WRITING AND GRAMMAR) 30 MARKS

For writing tasks, there will be an internal choice

3. Short composition of not more than 50 words. 4 Marks
(Notice, Message, E-mail and Dialogue completion)
4. Long composition of 100-120 words. 8 Marks
(Article, formal and informal letter, speech and diary entry)

Note : Question 4 will be based on the thematic content of the Reader.

Marking Scheme for Q. 3 will be as follows :-

Content – 3 marks

Format – 1 mark

The marking scheme for Q. 4 will be as follows :-

Content – 3 marks

Fluency – 2 marks

Accuracy – 2 marks

Format – 1 mark

Ques. 5 to Ques 9-Grammar based Questions 18 marks

- A variety of 5 short questions will be evaluated. Text types will include gap-filling, cloze (gap-filling exercises with blanks at regular intervals), sentence completion, re-ordering word groups in sentences, editing (error finding and omission) and sentence transformation.

The grammar syllabus will allot marks for :

- verb forms
- Sentence Structures
- Topics as per Practice Book.

- Jumbled words in re-ordering exercise, to test syntax, will involve sentences in a text. Each sentence will be split into sense groups (not necessarily into single words) and jumbled up.

Note : Ques 5 to ques 8 will be of 4 marks each.

Ques 9 (Sentence Re-ordering) will be of 2 marks.

SECTION-C (LITERATURE) 30 MARKS

10. Reference to context questions from a poem. (with internal choice) 5 Marks

Five objective type questions (including 3 MCQs and 2 complete the sentences)

11. Reference to context questions from prose/play. 5 Marks

12. Any 6 short answer questions (30-40 words) to be attempted out of 7. 12 Marks

13. An extended question (with internal choice) to test global comprehension or deeper understanding of the prescribed texts like diary entry or informal letter. (100-120 words) 8 marks

SYLLABUS FOR ANNUAL EXAMINATION

I. ENGLISH LITERATURE

- | | |
|--------------|---|
| Chapter – 1 | Fiction – Three Questions |
| Chapter – 2 | Poetry – Granny’s Tree Climbing |
| Chapter – 3 | Fiction – The Fun They Had |
| Chapter – 4 | Fiction – Father’s Help |
| Chapter – 5 | Poetry – My Mother |
| Chapter – 6 | Fiction – The Luncheon |
| Chapter – 7 | Poetry – The Children Song |
| Chapter – 8 | Fiction – The Case of the Sharp Eyed Jeweller |
| Chapter – 9 | Poetry – Couplets |
| Chapter – 10 | Fiction – The Undeserved Reward |
| Chapter – 11 | Poetry – Bangle Sellers |
| Chapter – 12 | Play – A Bad Dream |

II. MY ENGLISH READER

Unit – 1	Changing Times
Unit – 2	Compassionate Souls
Unit – 3	Enterprise
Unit – 4	Nature
Unit – 5	Sports
Unit – 6	Tolerance

Suggested topics from Reader units to practise Q5.

- The self-centred generation
- Media – Impact on Teenagers
- Good deeds reflect good character
- Caring for the elderly
- Success comes to those who will and dare
- Nature conservation
- Value of Games and sports in life
- Teolerance-Need of the hour

III. ENGLISH PRACTICE BOOK

Unit – 1	Tenses
Unit – 2	Narration
Unit – 3	Modals
Unit – 4	Subject – Verb Agreement
Unit – 5	Clauses and Complex Sentences
Unit – 6	Linkers
Unit – 7	Active and Passive Voice
Unit – 8	Non-finites
Unit – 9	Punctuation
Unit – 10	Reading for understanding
Unit – 11	Getting ready for class IX

IV. WRITING SKILLS

Notice Writing, Dialogue Completion, Message, Speech, E-mail, Article, Formal Letter, Informal Letter.

Suggestions for Enhancement of Language Skills.

❖ Dictation / Spell check / Handwriting

Teachers may make use of words and passage suitable for class VIII.

❖ Reading as an activity should take into account intonation, stress and pronunciation. Reading may include :

- (a) Text book reading
- (b) Newspaper reading
- (c) Reading of long text
- (d) Any other suitable material

- Teachers can refer to pages 85-86 (Suggested Reading) of the book 'English Literature' for Class VIII.

- There is no prescribed long reading text for Class VIII students. However they should be encouraged to read for pleasure.

❖ Recitation : The following parameters should be kept in mind while evaluating recitation.

- Clarity and expression
- Tone and intonation
- Posture

Note : Teachers may conduct debates / declamation / extempore / roleplay / weave a yarn for enhancing speaking skills of the learners.

Prescribed Books :

1. English Literature (Class – VIII)
 2. My English Reader (Class – VIII)
Listen & Comprehend (Audio CD)
 3. English Practice Book (Class - VIII)
- (Types of clauses not to be done)**

संस्कृतम्

‘भारतस्य प्रतिष्ठे द्वे संस्कृतं चैव संस्कृतिः’ अपूर्वः ज्ञाननिधिः संस्कृतभाषायां निहितः अस्ति। अनेकासु भाषासु संस्कृतशब्दानां बाहुल्यं वर्तते। अतः संस्कृतभाषायाः ज्ञानम् अन्यभारतीयभाषाणां ज्ञानाय सहायकम् एव अस्ति। एषा भाषा भारतीयभाषाणां परिपोषिका अस्ति। संस्कृतभाषा राष्ट्रिय-एकतायाः दृष्ट्या अतिमहत्त्वपूर्णा अस्ति। अष्टमकक्षायाः विद्यार्थिनः संस्कृतभाषया सम्यक् परिचिताः भवेयुः इति विचारयन् अयं पाठ्यक्रमः निर्धारितः।

• अधिगम-उपागमाः

- ❖ संस्कृतभाषया कथितान् निर्देशान् श्रुत्वा पठित्वा च तदनुसारं व्यवहारं कर्तुं समर्थाः भवेयुः।
- ❖ संस्कृते लिखिताः लघुकथाः पद्यानि च श्रुत्वा तानि अवगच्छेयुः।
- ❖ संस्कृतभाषया लघुवाक्यानि वदेयुः।
- ❖ पाठ्यपुस्तके प्रदत्तान् पाठान् श्लोकान् च पठित्वा भावं ग्रहीतुं समर्थाः भवेयुः।
- ❖ प्रदत्तविषयं चित्रं वा आधृत्य संस्कृतेन सरलवाक्यानि रचयेयुः।
- ❖ श्लोकानां सस्वरवाचने समर्थाः भवेयुः।
- ❖ संस्कृतभाषया सरलपत्राणि लघून् अनुच्छेदान् च लेखितुं समर्थाः भवेयुः।
- ❖ संस्कृतभाषां साहित्यं च प्रति समुत्सुकाः भवेयुः।
- ❖ मातृभाषायां प्रयुक्तशब्दान् अभिज्ञातुं समर्थाः भवेयुः।
- ❖ नैतिक-सामाजिक-राष्ट्रियमूल्यानां विकासः भवेत्।

• आन्तरिक-मूल्याङ्कनम्

1. चक्रीया परीक्षा

5 अङ्काः

- एकस्मिन् सत्रे तिस्रः चक्रीयाः परीक्षाः भविष्यन्ति। तासु द्वयोः एव अधिभारः ग्रहीतव्यः यत्र विद्यार्थिनः प्राप्ताङ्काः श्रेष्ठाः सन्ति।

2. बहुविध-मूल्याङ्कनम् 5 अङ्काः
- अवलोकनम् (observation)
 - मौखिक-परीक्षणम्
 - वैयक्तिकम्/सामूहिककार्यम्
 - परिचर्चा
 - बाह्य-गतिविधयः
 - क्रीडा-एकीकरणसम्बन्धिनः गतिविधयः
 - कला-एकीकरणसम्बन्धिनः गतिविधयः
3. निवेश-सूचिका (पोर्टफोलियो) 5 अङ्काः
- (i) पत्रावली
- (ii) पुस्तिका
- मूल्याङ्कनार्थं निर्देशाः (शिक्षकेभ्यः)**
- कार्यसंयोजनम्
 - स्वच्छं शुद्धम् आकर्षकं च
 - कार्यपूर्णता
 - रचनात्मकता
 - समयबद्धता
4. विषय-संवर्धनम् 5 अङ्काः
- श्रवणभाषणकौशलसंवर्धनाय गतिविधीनाम् आयोजनम्।
(सम्भावितगतिविधयः)
- (i) निवेश-सूचिकार्थम् (पोर्टफोलियो)
- पाठ्यसहगामिनः गतिविधयः
 - परिवेशपरिचयः
 - सूक्तिलेखनम्
 - समयपालनस्य महत्त्वम्
 - चित्रवर्णनम्
 - आदर्शवाक्यलेखनम्
 - ध्येयवाक्यलेखनम्
 - श्रुतलेखः

(ii) विषयसंवर्धनार्थम्

- स्वपरिचयः
- सस्वरश्लोकगायनम्
- वार्त्तालापः
- एकलाभिनयः
- भूमिकानिर्वाहः
- कथाकथनम्
- भाषणम्

वार्षिकपरीक्षा

80 अङ्काः

प्रश्नपत्रस्य वर्गीकरणम्	अङ्काः	कालांशाः
अपठित-अवबोधनम्	10	10
रचनात्मक-कार्यम्	15	35
अनुप्रयुक्तव्याकरणम्	25	45
पठित-अवबोधनम्	30	50

पाठयक्रमः

खण्डः - 'क'

अपठित-अवबोधनम्

10 अङ्काः

(60-80 शब्दमितः एकः सरलसंस्कृतगद्यांशः)

खण्डः - 'ख'

रचनात्मककार्यम्

15 अङ्काः

- पत्रलेखनम् (रिक्तस्थानपूर्तिद्वारा) 5
- चित्रवर्णनम् अथवा अनुच्छेदलेखनम् 5
- अनुवादः (हिन्दीभाषया/ आङ्ग्लभाषया लिखितानां पञ्चसरलवाक्यानां संस्कृतेन अनुवादः) 5

खण्डः - 'ग'

अनुप्रयुक्तव्याकरणम्

25 अङ्काः

- सन्धिः- दीर्घः, गुणः, वृद्धिः, यण् 3
- शब्दरूपाणि- राम, लता, फल, मति, नदी, मुनि, साधु, अस्मद्, युष्मद्, किम् (त्रिषु लिङ्गेषु), तत् (त्रिषु लिङ्गेषु), एतत् (त्रिषु लिङ्गेषु), 4
- सङ्ख्याः-एकतः शतं पर्यन्तम् (एकतः चतुः पर्यन्तं त्रिषु लिङ्गेषु केवलं प्रथमा-विभक्तौ) 3
- कारकाणि उपपदविभक्तयः च 4
द्वितीया-उभयतः, परितः, विना, प्रति
तृतीया-अलम्, काणः बधिरः, सह, विना
चतुर्थी-दा, रुच्, स्वस्ति, नमः
पञ्चमी-बहिः पृथक्, विना, ऋते
षष्ठी-पुरतः, पृष्ठतः, उपरि, अधः
सप्तमी-विश्वस्, स्निह्, निपुण
- धातुरूपाणि (परस्मैपदिनः)भू, गम्, दृश्, स्था, स्मृ, पठ्, अस्, वद्, नम्, लिख्, पा, कृ, (पञ्चलकारेषु) 4
(आत्मनेपदिनः) सेव्, लभ्, शुभ्, रुच् (लट्लृट्लकारयोः)
- प्रत्ययाः-क्त्वा, ल्यप्, तुमुन्, क्त, क्तवतु
- अव्ययपदानि-तदा, मा, सर्वत्र, इतस्ततः, एकदा, अपि, बहिः, कदा, कुतः, कुत्र, कथम्, किमर्थम्, पुरा, एव, नीचैः, उच्चैः, अधुना, अद्य, श्व, ह्यः, अत्र, तत्र 2
- उपसर्गाः- अनु, अव, अधि, आ, उत्, उप, अति, अप, निर्, दुर्, दुस्, निस्, नि, प्र, प्रति, परि, वि, सम्, सु, परा 2

खण्डः-‘घ’

पठित-अवबोधनम्

30 अङ्काः

1. गद्यांशाधृतम् अवबोधनकार्यम् 5
2. पद्याधृतम् अवबोधनकार्यम् 5
3. नाटयांशाधृतम् अवबोधनकार्यम् 5
4. भावार्थः (रिक्तस्थानपूर्तिमाध्यमेन) 2
5. प्रश्ननिर्माणम् 4
6. श्लोकान्वयः (रिक्तस्थानपूर्तिमाध्यमेन) 2
7. कथाक्रमनिर्धारणम् 3
8. शब्दार्थचयनम् 4

पाठ्यपुस्तकम्-सुरभिः

1. सुवचनानि
2. वसुधैव कुटुम्बकम्
3. अहं नदी अस्मि।
4. क्षमस्व महर्षे!
5. दिव्या गीर्वाणभारती
6. मधुराणि वचनानि
7. सफलं तस्य जीवितम्
8. क्रोधेन कार्यं न सिध्यति
9. अविश्वस्ते न विश्वसेत्
10. गुणाः पूजास्थानम्
11. हितं मनोहारि च दुर्लभं वचः
12. स्वाध्यायात् मा प्रमदः (केवलं पठनार्थम् न परीक्षाकृते)

MATHEMATICS

General Instructions :

- (1) Examination at the end of the year will be from the entire syllabus and will be of 80 marks.
- (2) Internal assessment will be of 20 marks, for which the instructions are as follows :

S. No.	Tools of Internal Assessment	Total Weightage Out of 20 marks
1.	Periodic Tests–Pen and paper Tests (Three Periodic Tests will be conducted at School Level as per their own schedule and the average of best two scores will be reduced to 5 marks for Internal Assessment.)	5
2.	Multiple Assessment for each student to be done by using the Tools of Observation, Oral Tests, individual/group work, field work, class discussion (Quizzes, Debates, Role Play etc.) and Bulletin board work etc.	5
3.	Subject Enrichment Activities Maths Lab Activities/Experiments	5
4.	Portfolio <ol style="list-style-type: none">1. Journal2. HW/CW Note Books (to display Exemplary Work)3. Art Integrated Activity/Multidisciplinary HHW Project/Experiential Learning Activity	5

	<p>Assessing the Portfolio (Guidelines for Teachers)</p> <ul style="list-style-type: none"> • Organisation – Neatness and Visual Appeal • Completion of guided work focussed on specific curriculum objectives. • Evidence of Student's growth. • Inclusion of relevant work. 	
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Weightage to form of questions

Form of Questions	Objective/one word answer (1 mark)	Case Study Based Questions (4 marks)	Very Short Answer (2 marks)	Short Answer (3 marks)	Long Answer (5 marks)	Total
No. of questions	16	4	6	7	3	36
Marks Allotted	16	16	12	21	15	80

DETAILED SYLLABUS

The details of syllabus, Content, Number of periods and marks allotted to each unit are as given below :-

S. No.	Units	Topics/Chapters	No. of periods	Marks Allotted
1.	Number System	1. Squares and Square Roots 2. Cubes and Cube Roots 3. Exponents and Radicals	14 6 8	14
2.	Commercial Maths	4. Direct and inverse Variations 5. Profit, Loss and Discount 6. Compound Interest	10 12 12	15
3.	Algebra	7. Algebraic Identities 8. Polynomials 9. Linear Equations in One Variable	12 10 10	15

4.	Geometry	10. Parallel Lines 11. Understanding Quadrilaterals 12. Construction of Quadrilaterals 16. Rotational symmetry	10 12 10 4	16
5.	Graphs	13. Introduction to Graphs	5	5
6.	Mensuration	14. Mensuration	15	9
7.	Statistics & Probability	15. Statistics & Probability	12	6
		TOTAL		80

Unit 1. Square and Square Roots (14 Periods)

Square of a number, triangular numbers and numbers between two consecutive square numbers, finding square root of a number by the repeated subtraction method, finding square roots of perfect squares by factorization.

Using division method, finding square roots of–

- (i) Positive integers which are perfect squares.
- (ii) Decimals which are perfect squares.

Finding square roots of numbers which are not perfect squares by the division method up to three decimal places. Problems based on square roots (simple problems only). Square roots of other Numbers (not perfect squares) by estimation.

Learning Outcome

1. Students will be able to appreciate :
 - Squares of even numbers are even
 - Squares of odd numbers are odd
 - Perfect squares and number ending in 2, 3, 7 or 8 is never a perfect square.
 - Concept of Pythagorean triplet

2. Students will be able to find square root of a number
 - By prime factorisation
 - By long division method
3. Students will be able to understand and apply the following rules :

Rule 1. If a and b are perfect square numbers ($b \neq 0$) then,

$$\sqrt{a \times b} = \sqrt{a} \times \sqrt{b}$$

$$\sqrt{\frac{a}{b}} = \frac{\sqrt{a}}{\sqrt{b}}$$

Rule 2. The pairing of numbers in the division method starts from the decimal point.

For the integral part it goes from right to left and for the decimal part, it goes from left to right.

Rule 3. If p and q are not perfect squares, then to find

$\sqrt{\frac{p}{q}}$, we express $\frac{p}{q}$ as a decimal and then apply division Method.

Unit 2. Cubes and Cube Roots (8 Periods)

Cube of a number, Cube roots of perfect cubes by factorization (cube root should not exceed two digits). Cube Root of a Number through Estimation.

Learning Outcomes

1. Students will be able to understand :
 - Cube and cube root of negative number is negative i.e.

$$\sqrt[3]{-x} = -\sqrt[3]{x}$$

- Cube of an even natural number is even and cube of odd natural number is odd.

2. Students will be able to apply the following rules :

For any two integers a and b, we have

$$(i) \quad \sqrt[3]{a \times b} = \sqrt[3]{a} \times \sqrt[3]{b}$$

$$(ii) \quad \sqrt[3]{\frac{a}{b}} = \frac{\sqrt[3]{a}}{\sqrt[3]{b}}, b \neq 0$$

Unit 3. Exponents and Radicals (8 Periods)

Idea of rational exponents, Laws of exponents including rational numbers as exponents, Idea of radicals and radicand.

Learning Outcomes

1. Students will be able to convert radical form to exponential form and vice versa.
2. Students will be able to apply the following rules :
 - If a is any positive rational number different from zero and x, y are any rational numbers, then

$$(i) \quad a^x \times a^y = a^{x+y}$$

$$(ii) \quad a^x \div a^y = a^{x-y}$$

$$(iii) \quad (a^x)^y = a^{xy}$$

$$(iv) \quad (a)^0 = 1$$

Unit 4. Direct and Inverse Variations (10 Periods)

Direct variation, Inverse variation with examples. Problems on Time and Work and Time and Distance.

Learning Outcomes

1. Students will be able to distinguish between Direct Variation and Inverse Variation.
2. Students will be able to solve the problems on time and work as well as time and distance using the concepts of direct and inverse variations.

Unit 5. Profit and Loss and Discount (12 Periods)

Problems on profit and loss including discount (rebate), marked price, selling price (only single discount to be discussed), G.S.T.

Learning Outcomes

The students will be able to :

1. understand concept of profit and loss.
2. calculate S.P./ C.P.
3. apply concept of discount.
4. understand G.S.T. and its calculation.

Unit 6. Compound Interest

(12 Periods)

Meaning of Compound Interest. Calculation of amount and compound interest by unitary method. Calculation of amount and compound interest by formula up to three years. Interest compounded annually, half yearly or quarterly up to three conversion periods, Growth and Depreciation.

Learning Outcomes

Student will be able to :

1. distinguish between simple interest and compound interest.
2. calculate compound interest from amount, using formula or otherwise.
3. calculate compound interest when compounded annually, half-yearly and quarterly.
4. analyse and calculate growth and depreciation applicable in various situations.

Unit 7. Algebraic Identities

(12 Periods)

Study of the following identities :

$$1. (a + b)^2 = a^2 + 2ab + b^2$$

$$2. (a - b)^2 = a^2 - 2ab + b^2$$

$$2. (a + b)(a - b) = a^2 - b^2$$

The above identities may be verified through cardboard models.

Expansion of the square of a trinomial :

$$(a + b + c)^2 = a^2 + b^2 + c^2 + 2ab + 2bc + 2ca$$

Product of two binomials :

$$(x + a)(x + b) = x^2 + (a + b)x + ab$$

Factorization of Algebraic Expressions based on above identities.

Learning Outcomes

After the completion of this chapter students will be able to :

1. distinguish between identity and equation.
2. learn the application of identities.
3. factorise algebraic expressions using the identities.
4. apply the identities in different practical situations.

Unit 8. Polynomials

(10 Periods)

Idea of a polynomial in one variable and its terms, coefficients and degree after converting it to standard form Division of a monomial by a monomial.

Division of a polynomial in one variable by a monomial or binomial. (Restricted to polynomials in one variable of degree '4').

Division of a polynomial by a linear polynomial by factor method.

Verification of Dividend = Divisor \times Quotient + Remainder.

(Explain the cases of non-zero remainder and remainder equal to zero).

Concept of factors of a polynomial when the remainder is zero.

Learning Outcomes

The students will be able to :

1. identify coefficients and degree of a polynomial.
2. divide a polynomial in one variable by a monomial or a binomial.
3. verify the dividend by using Divisor \times Quotient + Remainder.
4. understand and appreciate the factor of a polynomial when remainder is zero.

Unit 9. Linear Equations in One Variable

(10 Periods)

Solving equations of the type $\frac{ax + b}{cx + d} = k$; $cx + d \neq 0$

Word problems on linear equations in one variable. Simple problems from daily life situations like age, coins, number of students of a class, speed, distance, formation of two digit numbers etc. with special emphasis on ability to translate word problems into mathematical statements.

Learning Outcomes

The students will be able to :

1. solve linear equation in one variable.
2. convert the language problem into a linear equation based on different life situations.

Unit 10. Parallel Lines

(10 Periods)

Definition, Angles made by a transversal with two parallel lines & their properties.

Verification of the following properties :

1. Two lines parallel to the same line are parallel to each other.
2. Two lines perpendicular to the same line are parallel to each other.
3. Division of a Line Segment :
 - I. To divide a line segment into a given number of equal segments.
 - II. To divide a line segment in a given ratio internally (constructions should be by using ruler and compasses).

Learning Outcomes

After the completion of this unit students will be able to :

1. appreciate different types of angles and their relation when a transversal intersects two parallel lines and vice-versa.
2. divide a line segment in equal parts using parallel lines with the help of ruler & compass.
3. comprehend that two lines parallel/perpendicular to the same line are parallel to each other.

Unit 11. Understanding Quadrilaterals (12 Periods)

Introduction to curves. Polygons and its types and properties. Quadrilaterals and its special types (trapezium, parallelogram, rectangle, rhombus & square). Properties of special type of quadrilaterals. (Example of kite may be given as a special type of quadrilateral).

Verification of the following properties :

- (i) Opposite sides of a parallelogram are equal.
- (ii) Opposite angles of a parallelogram are equal.
- (iii) Diagonals of a parallelogram bisect each other.
- (iv) Diagonals of a rectangle are equal and bisect each other.
- (v) Diagonals of a rhombus bisect each other at right angles.
- (vi) Diagonals of a square are equal, perpendicular to each other and bisect each other.

(Simple problems based on these properties involving one or two logical steps).

Learning Outcomes

After the completion of this chapter students will be able to :

1. recognize different types of quadrilaterals i.e. trapezium, parallelogram, rectangle, rhombus, square and kite.
2. understand the properties of parallelogram, rectangle, rhombus and square.
3. distinguish between different type of quadrilaterals.

Unit 12. Construction of Quadrilaterals (10 Periods)

Construction of a quadrilateral given—

- (i) Four sides and one diagonal
- (ii) Three sides and both diagonals
- (iii) Two adjacent sides and three angles
- (iv) Three sides and two included angles

(The sides should be in whole no. of cm or at least multiples of $\frac{1}{2}$ a cm. Angles should be multiples of 15°)

Learning Outcomes

After the completion of this chapter students will be able to :

1. construct a quadrilateral with given conditions.
2. comprehend whether construction of a quadrilateral with given data is possible or not.

Unit 13. Introduction to Graphs (5 Periods)

Cartesian plane. Plotting a point on the Cartesian plane. Independent and dependent variables. Drawing of graphs and type of figure.

Learning Outcomes

After the completion of this chapter students will be able to :

1. understand the Cartesian plane and its various elements.
2. identify the coordinates of a point.
3. evaluate the distance of a point from x-axis and y-axis.
4. plot the point on a Cartesian plane.
5. join the points and identify the figure so formed.
6. identify abscissa and ordinates of a point.

Unit 14. Mensuration (15 Periods)

Area of trapezium, general quadrilateral and polygon. Surface area of cuboid, cube and right circular cylinder. Volume of cuboid, cube and right circular cylinder. Visualising solid shapes, polyhedron. Mapping space around us.

Learning Outcomes

The students will be able to :

1. find the area of plane figure (trapezium & quadrilateral)
2. find the area of a polygon by dividing into various quadrilaterals and triangles.
3. calculate the surface area of rectilinear solid figures.
4. calculate the volume of rectilinear solids i.e. cube & cuboids.
5. calculate the Surface Area of a right circular cylinder.

6. calculate the volume of right circular cylinder.
7. understand the formation of cubes, cuboid with the help of nets.
8. locate and identify side view, top view and front view of solid figures.
9. verify Euler's formula for polyhedrons.
10. map the different routes in one's surrounding.

Unit 15. Statistics & Probability (12 Periods)

Raw data, frequency, making frequency table from the given raw data. Ungrouped and grouped data. Range, class size, class limits, class marks. Grouping the given data into classes. Drawing, reading and interpretation of histogram. Circle graphs or pie chart and its drawing.

Probability, Chance, Experiment, Outcome, Event, Probability of an event. Simple cases.

Learning Outcomes

After studying this chapter students will be able to :

1. understand the terms observation, raw data, range, class marks, frequency, frequency table.
2. differentiate between raw data, ungrouped & grouped data.
3. representation the given data through pictorial representations viz. histogram and pie chart and can interpret the same.
4. define the term trial, outcome, probability.
5. find probability under different given situations.

Unit 16. Rotational Symmetry (4 Periods)

Rotational symmetry and its order, Centre of Rotation, Angle of Rotation. Line symmetry and Rotational Symmetry. Rotational symmetry should be limited to polygons and regular polygons in case number of sides is more than 4.

Learning Outcomes

The students will be able to :

1. understand symmetry
2. distinguish between line symmetry and rotational symmetry
3. understand rotational turns about a fixed point
4. know the order of rotation of symmetry i.e. four in a square and 3 in an equilateral triangle.
5. calculate the angle of rotation about a fixed point.

SOME SUGGESTED TOOLS FOR INTERNAL ASSESSMENT

(A) Art Integration Activities

- (1) Exploring triangular numbers using dot patterns.
- (2) Making patterns using regular polygons. (For example: Sierpinski triangle).
- (3) Take a square sheet of area 132.25 cm^2 . Find the side of a sheet & create a beautiful greeting card using tessellations with a mathematical quotation.
- (4) Mathematics Doodle

(B) Maths Lab Activities/Experiments

- (5) Verify the following algebraic identities using geometrical interpretation :
 - (i) $(a + b)^2 = a^2 + 2ab + b^2$
 - (ii) $(a - b)^2 = a^2 - 2ab + b^2$
 - (iii) $a^2 - b^2 = (a + b)(a - b)$
 - (iv) $(x + a)(x + b) = x^2 + (a + b)x + ab$
- (6) Activities based on the properties of angles made by a transversal with two parallel lines.

- (7) Pythagorean triplet (representing numbers expressible in the form $\sqrt{x^2 + 1}$ where 'x' is a natural number, on the number line.)
- (8) List your unit I marks in various subjects in tabular form & convert the same in the form of a pie-chart.
- (9) Collect bill/cash memo for your recent shopping and calculate discount and G.S.T. (etc.) from it.
- (10) A worksheet involving comparison of interests when it is compounded annually, semi-annually and quarterly for the same sum at the same rate and for the same time period. Making a decision which option is better in different situations.
- (11) Reinforcement of special types of quadrilaterals and their properties using Frayer's Model.
- (12) Mind map/Flow chart showing different types of Quadrilaterals.
- (13) Making 3-D models of prisms and pyramids using their nets and verifying / obtaining Euler's formula for these solids.

(C) Project work/Experiential learning activities

- (14) Life history of any Indian mathematician & his/her contribution in the field of Mathematics (Project or PPT).
- (15) Number patterns (specially involving squares and cubes of numbers)
- (16) Do a survey of your class and collect the data from all students of your class who spent more than 4 hours in watching TV. Represent the collected data in the form of histogram by paper cutting & pasting.

- (17) Calculate the surface area to be painted/white-washed in each room of your house.
- (18) Find no. of tiles used in your bathroom along with the cost incurred.
- (19) Find capacity of water tank [Cylindrical or cuboidal]. Estimate daily consumption of water in a household. Using it find for how many days the water in the tank last.
- (20) Mapping of your surroundings by making route maps having proper scale factor and different landmarks shown with appropriate symbols.
- (21) Making a scrapbook of objects from our surroundings having different types of quadrilaterals.

(D) Miscellaneous Activities

- (22) Role play on Mathematical situation along with script writing.
- (23) Talk/Class Discussion on any one :
 - (a) Use of maths in different fields.
 - (b) Value of maths in your life.

SCIENCE & TECHNOLOGY

The three components of this course are :

Physics, Chemistry and Biology.

Learning Outcomes :

The teaching of Science, at this stage, will help the learners to :

- develop a scientific attitude and temper
- understand scientific concepts, principles and laws
- acquire the knowledge of scientific terms, facts, definitions and processes
- develop experimental skills, rational thinking, ability to analyse and sharpen their sense of enquiry
- develop measurement and observational skills and to encourage the use of locally available resources
- inculcate science and technology related values
- recognize the relationship of science, technology and society
- appreciate the contribution of science towards development and progress in all fields of life
- create awareness and concern for a healthy environment and preservation of ecosystem.

General Instructions :

1. The annual exam will comprise of **100** marks wherein the written exam will be of **80** marks and Internal Assessment will be of **20** marks.
2. Periodic written tests are restricted to **three** in number in an academic year. Average of the best two scores, in these tests, is to be taken for final submission of marks.

3. These written tests are to be conducted by the school at their own level, as per their own schedule.
4. Information given under the headings 'Do You Know', 'Fact Sheets', 'Case Study' and 'Something To Do' at the end the chapters would not be evaluated in any of the written tests.
5. For annual examination, **80 marks** assigned for the written test, would be subdivided as follows :

Physics	30 marks
Chemistry	25 marks
Biology	25 marks

GUIDELINES FOR INTERNAL ASSESSMENT

The Internal Assessment, **for 20 marks**, is to be carried out as given below :

	Tools of Internal Assessment	Weightage of Marks				
1.	Periodic Tests Three periodic tests (pen and paper test) will be conducted at school level, as per their own schedule, and the average of the best two scores will be reduced to 5 marks .	5				
2.	Subject Enrichment Activity					
	<table style="width: 100%; border: none;"> <tr> <th style="width: 50%; text-align: center;">Term-I</th> <th style="width: 50%; text-align: center;">Term-II</th> </tr> <tr> <td style="border: none;"> Art Integration Activity Students will be given an activity in which they will use any form of Art to express/explain the scientific idea. (10 Marks) </td> <td style="border: none;"> Mobile Lab Kit Making Students will prepare, under teacher's guidance, their own Mobile lab Kit and demonstrate a simple science activity using it. (10 Marks) </td> </tr> </table>	Term-I	Term-II	Art Integration Activity Students will be given an activity in which they will use any form of Art to express/explain the scientific idea. (10 Marks)	Mobile Lab Kit Making Students will prepare, under teacher's guidance, their own Mobile lab Kit and demonstrate a simple science activity using it. (10 Marks)	5
Term-I	Term-II					
Art Integration Activity Students will be given an activity in which they will use any form of Art to express/explain the scientific idea. (10 Marks)	Mobile Lab Kit Making Students will prepare, under teacher's guidance, their own Mobile lab Kit and demonstrate a simple science activity using it. (10 Marks)					

3.	Multiple Assessment Activity* Students will be assessed using multiple tools of observation such as Interdisciplinary project, Role play, Group discussion, Debate, Quiz, Oral test, Field work, Bulletin board making etc. (10 Marks)	5
4.	Portfolio: It includes Journal, Notebook work. Criteria For Assessing Portfolio : (i) Organisation–Neatness & visual appeal (ii) Completion of work-Focus on specific objectives (iii) Evidence of student growth (iv) Inclusion of relevant work	5

*Some suggested Art integration Activities, Mobile Lab Activities and Interdisciplinary Projects are given at the end of the document.

IMPORTANT NOTE

The following six chapters of Science textbook will **NOT** be included for assessment in Annual Examination. However, they will be a **mandatory** part of the internal assessment.

Chapter 8 : Conservation of Plants and Animals

Chapter 9 : Crop Production and Its Management

Chapter 17 : Stars and Solar System

Chapter 18 : Earthquakes

Chapter 19 : Pollution of Air

Chapter 20 : Pollution of Water

These chapters may be included in Internal Assessment as follows :

- Include questions from any two of these chapters in each of the periodic tests.
- Give an Art Integration Activity or Interdisciplinary Project on topics from these chapters.
- Carry out Multiple Assessment based on these chapters.

DETAILED SYLLABUS

The details of the syllabus, i.e., contents, number of periods and marks assigned to each chapter for the three components of the syllabus, are given below :

PHYSICS (30 Marks)

Name of the Chapters	No. of Periods Allotted	Marks Assigned
Ch. 4 : Force and Pressure	8	5
Ch. 5 : Friction	10	5
Ch. 10 : Refraction and Dispersion of Light	12	7
Ch. 11 : The Human Eye	6	4
Ch. 12 : Sound	6	4
Ch. 16 : Electric Current and Its Chemical Effects	10	5
Ch. 17 : *Stars and Solar System	6	*For Internal
Ch. 18 : *Earthquakes	6	Assessment only
	64	30

CHEMISTRY (25 Marks)

Name of the Chapters	No. of Periods Allotted	Marks Assigned
Ch. 3 : Metals and Non-Metals	12	8
Ch. 6 : Sources of Energy	6	5
Ch. 7 : Combustion	8	7
Ch. 13 : Synthetic Fibres and Plastics	8	5
Ch. 19 : *Pollution of Air	6	*For Internal
Ch. 20 : *Pollution of Water	6	Assessment only
	46	25

BIOLOGY (25 Marks)

Name of the Chapters	No. of Periods Allotted	Marks Assigned
Ch. 1 : The Cell-Its Structure and Functions	8	5
Ch. 2 : Microorganisms–Friends and Foes	9	6
Ch. 8 : *Conservation of Plants and Animals	6	*For Internal
Ch. 9 : *Crop Production and its Management	7	Assessment only
Ch. 14 : Reproduction in Animals	10	7
Ch. 15 : Reaching the Age of Adolescence	10	7
	50	25

*Please refer to 'IMPORTANT NOTE' for guidelines for internal assessment.

Chapter 1 : The Cell-its Structure and Functions (5 marks)

- Discovery of the cell (8 periods)
- The Cell-variation in cell number, shape and size in living organisms
- Parts of cell
- Levels of organisation in an organism
- Comparison between plant cell and animal cell
- Well labelled diagrams of plant cell and animal cell

Learning Outcomes The learner will be able to :

1. comprehend and understand the basic unit of life.
2. differentiate between plant cell and animal cell
3. describe various cell-organelles and their functions in the cell.

Chapter 2. Micro-organisms – Friends or Foes (6 marks)

- Introduction (9 periods)
- Types of microorganisms
- Diagram of Paramecium and Euglena (Refer to Page 8)
- Viruses are unique
- Where do microorganisms live ?
- Role of microorganism in our life
- Microorganisms as our friends
- Microorganisms – The Foes
- Food poisoning
- Food preservation

Learning outcomes

The learner will be able to :

- (1) know about the different types of micro organisms and their habitats.
- (2) compare the role of microorganisms as friends and foes
- (3) understand the concept of food preservation and apply its techniques.

Chapter 3 : Metals and Non-metals (8 marks)

- Classification of elements (12 periods)
- Occurrence of elements
- Minerals and ores
- Physical Properties
- Chemical Properties
- Reaction with oxygen, water, acids and alkalies
- Reactivity of metals
- Displacement reactions
- Noble Metals
- Uses of metals and non-metals

- Alloys – Composition and uses of alloys

Learning Outcomes :

The learners will be able to :

1. classify elements and learn about their occurrence in nature.
2. understand the different physical properties of metals and non-metals and their applications (based on these properties).
3. differentiate between chemical behaviour of metals and non-metals towards air, water and acids.
4. relate displacement reaction of metals with reactivity series.
5. comment upon noble metals and uses of metals, non-metals and alloys.

Chapter 4 : Force and Pressure

(5 marks)

- Force (8 periods)
- Effects of force
- Factors associated with magnitude of force needed
- Balanced and unbalanced forces
- Types of forces
- Contact and non contact forces
- Pressure
- Applications of the concept of pressure in daily life
- Liquid pressure
- Properties of liquid pressure
- Atmospheric pressure
- Variation in air pressure

- Importance of atmospheric pressure
- Force and pressure : concept map

Learning Outcomes :

The learners will be able to :

- (1) define, identify and classify force and its types.
- (2) understand the concept of pressure and its applications.

Chapter 5 : Friction

(5 marks)

- Concept of friction (10 periods)
- Cause of friction
- Factors affecting friction
- Types of friction–static, sliding & rolling
- Friction – A necessity
- Friction – An evil or nuisance
- Increasing / Reducing friction
- Fluid friction

Learning Outcomes :

The learners will be able to :

- (1) identify various types of friction.
- (2) appreciate that friction is a necessity as well as a nuisance.
- (3) understand methods of increasing and decreasing friction.

Chapter 6 : Sources of Energy

(5 marks)

(6 periods)

- Classification of sources of energy : On the basis of occurrence, physical state and availability
- Fossil Fuels
- Wood as a fuel
- Coal : occurrence, formation and types
- Destructive Distillation and Its Products

- Uses of coke, coal-tar and coal gas
- Petroleum
 - Occurrence of petroleum
 - Refining of petroleum
 - Petroleum products and their uses
 - Natural gas
 - Uses of natural gas
- Cleaner Fuels

Learning Outcomes :

The learners will be able to :

1. classify the sources of energy on the basis of their occurrence, physical state and availability.
2. understand what are fossil fuels, their occurrence in nature and their processing.
3. know about different types of fuels.
4. understand the importance of cleaner fuels and alternative sources of energy.

Chapter 7 : Combustion

(7 marks)

- Combustion & combustible material (8 periods)
- Conditions required for combustion
- Types of combustion
- Fire control
- Incomplete combustion
- Flame
- Fuel and calorific value
- Characteristics of a good fuel
- Harmful effects of fuels

Learning Outcomes :

The learners will be able to :

1. understand the term combustion and the conditions required for combustion.
2. differentiate between types of combustion and understand the consequences of incomplete combustion.
3. know about various methods used to control fire.
4. understand different zones of flame.
5. appreciate the properties of a good fuel.

Chapter 8. Conservation of Plants and Animals

(*For Internal Assessment only)

(6 periods)

- Domestic consequences of deforestation
- Global consequences of deforestation
- Conservation of forests and wildlife
- Biosphere reserves
(Map of biodiversity hotspots not to be evaluated)
- National Parks
- Wildlife Sanctuaries
- Flora and fauna
- Endemic species
- Red Data Book
- Migration
- Reforestation
- Recycling of paper

Learning Outcomes :

The learners will be able to :

- (1) know deforestation and its consequences.
- (2) understand the importance of migration and biodiversity.
- (3) know about ways to conserve biodiversity.

Chapter 9. Crop Production and its Management

(*For Internal Assessment only) (7 periods)

- Food from plants
- Agricultural Practices
- Preparation of Soil, Sowing, Soil Replenishment, Irrigation, Traditional System of Irrigation, Modern System of Irrigation, Crop Protection, Harvesting, Storage.
- Crop Improvement

Learning Outcomes :

The learners will be able to :

- (1) understand the various agricultural practices
- (2) appreciate and analyse the methods of crop improvement and their protection

Chapter 10 : Refraction and Dispersion of Light (7 marks)

- Refraction of Light (12 periods)
- Refraction—its cause
- Refractive index, optical density
- Rules for refraction
- Refraction of light by a glass slab
- Dispersion of white light by a glass prism
- Rainbow
- Spherical lenses
- Basic terms related to lenses
- Image formation by convex and concave lenses
- Application of lenses

Learning Outcomes :

The learners will be able to :

- (1) understand the concept of refraction using various optical devices and its causes.

- (2) draw and identify images formed by concave and convex lens for different positions of the object.

Chapter 11 : The Human Eye (4 marks)

- Structure of human eye (6 periods)
- Function of various parts of the human eye
- The blind spot
- How do we see colours ?
- Working of the human eye
- Range of vision
- Defects of vision
- Care of the Eyes
- Visually challenged persons—help for them
- Braille system

Learning Outcomes :

The learners will be able to :

- (1) draw the structure and appreciate the function of the human eye.
- (2) understand the various defects of vision and ways to take care of eyes.
- (3) be sensitized towards the resources available for visually challenged.

Chapter 12 : Sound (4 marks)

- Sound and vibrations (6 periods)
- Sounds produced by humans
- Sounds produced by animals
- Propagation of sound
- Light propagates faster than sound
- Amplitude, time period and frequency of a vibration

- Loudness and pitch of a sound
- Audible and inaudible sounds
- Noise and music
- Noise pollution : sources and effects
- Measures to limit noise pollution
- Hearing impairment

Learning Outcomes :

The learners will be able to :

- (1) know the mechanism of production of sound by humans and various animals.
- (2) understand the mechanism of propagation of sound.
- (3) identify causes and effects of noise pollution and ways to limit noise pollution.

Chapter 13 : Synthetic Fibres and Plastics (5 marks)

- Natural fibres and synthetic fibres (8 peridos)
- (Rayon) or Artificial Silk, Nylon, Terylene, Poly Ethene Tetrathalate, (PET) and Acrylic fibres
- Advantages and disadvantages of synthetic fibres
- Plastics
- Characteristics of synthetic plastics
- Types of synthetic plastics
- Thermosetting
- Thermoplastics
- Plastics and the Environment
- Damage caused by plastic waste
- Measures to control the damage caused by plastic waste

Learning Outcomes :

The learners will be able to :

1. understand what are 'synthetic fibres'.
2. know about different types of synthetic fibres and plastics and their properties, advantages and disadvantages.
3. differentiate between thermoplastics and thermosetting plastics.
4. know, and get sensitised, towards the damage caused by plastic waste and measures to control this damage.

Chapter 14. Reproduction in Animals (7 marks)

- Definition of reproduction (10 periods)
- Asexual reproduction
- Sexual reproduction
- Reproductive patterns
- Reproductive systems
- Fertilization, development of the embryo
- How do hens lay eggs ?
- Viviparous and Oviparous animals
- Journey of young ones to adults (frogs)
- Diagrams of binary fission in Amoeba, multiple fission in Plasmodium, budding in Hydra and Yeast, male and female reproductive systems and human sperm.

Learning Outcomes :

The learners will be able to :

- (1) know the various modes of reproduction in animals.
- (2) differentiate between oviparous and viviparous animals.
- (3) differentiate between male and female reproductive systems.

Chapter 15. Reaching the age of Adolescence (7 marks)

- Adolescence and Puberty (10 periods)
- Changes at puberty
- Sexual development : Development of sex organs, development of secondary sexual characters, change in hormonal balance the reproductive phase in human beings
- Determination of sex of the child
- The Endocrine system
- Role of hormones in completing the life cycle of insects and frogs
- Reproductive health: Nutritional needs of adolescents, Personal hygiene, Physical exercise, Say 'No to Drugs'.

Learning Outcomes :

The learners will be able to :

- (1) understand and analyse the problems of adolescence.
- (2) understand the emotional and physiological changes that take place during adolescence.
- (3) know the importance of hormones in life cycle of different organisms.

Chapter : 16 Electric Current and its Chemical Effects

- Conductors and Insulators (5 marks)
- Conduction through liquids (10 periods)
- Cause of conductivity of liquids
- Electrolytes
- Conversion of chemical energy into electrical energy
- Chemical effects of electric currents, their applications
- Faraday's discovery
- Electromagnetic induction

Learning Outcomes :

The learners will be able to :

- (1) understand the concept of electrolyte, cause of conductivity.
- (2) know the chemical effects of electric current and its applications.
- (2) know about electromagnetic induction.

Chapter 17 : Stars and Solar System

(*For Internal Assessment only)

- Galaxy—Milky way galaxy (6 periods)
- Stars
- Constellations
- The moon—phases of the moon, the moon's surface
- The solar system
- Sun
- Planets
- Terrestrial and Jovian planets
- Minor bodies in the solar system
- Artificial satellites and their applications

Learning Outcomes :

The learners will be able to :

- (1) understand various heavenly bodies like stars, planets etc. and their characteristics.
- (2) appreciate the concept of artificial satellites and their applications.

Chapter 18 : Earthquakes

(*For Internal Assessment only)

(6 periods)

- Earthquakes and their effects
- Cause of an earthquake

- The Focus
- Predicting an earthquake
- Measuring an earthquake
- Protection against earthquakes; safety precautions

Learning Outcomes :

The learners will be able to :

- (1) understand earthquakes, their causes and effects.
- (2) relate Richter scale readings with intensity of earthquake.
- (3) acquire skills of Disaster Management.

Chapter 19 : Pollution of Air

(*For Internal Assessment only)

(6 periods)

- Pollution
- Air pollution; Causes of air pollution;
- Harmful effects of carbon monoxide, nitrogen dioxide smog, chlorofluorocarbons (CFCs)
- Acid rain and its harmful effects
- Green House Effect and Global Warming
- Causes of increase in concentration of green house gases
- Consequences of green house effect
- Global warming and its consequences
- Measures to check global warming
- Methods to control air pollution

Learning Outcomes :

The learners will be able to :

1. understand air pollution and its causes.
2. know about the harmful effects of major air pollutants.
3. understand the phenomena of green house effect and global warming; their causes and consequences.
4. know about different methods of controlling air pollution.

Chapter 20 : Pollution of Water

(*For Internal Assessment only)

(6 periods)

- Water pollution
- Causes of water pollution
- Potable water
- Purification of drinking water
- Methods to make water safe for drinking
- Treatment of major sources of water pollution
- Treatment of sewage
- Treatment of industrial waste
- Conservation of water

Learning Outcomes :

The learners will be able to :

- (1) understand water pollution and its causes.
- (2) know about ways of purifying water.
- (3) appreciate the need for control of water pollution.
- (4) sensitize themselves and others towards water conservation.

LIST OF SUGGESTED ACTIVITIES FOR SUBJECT ENRICHMENT & MULTIPLE ASSESSMENT

Note : The list given here is only suggestive in nature. The teachers/students can take up other projects/activities in addition to those suggested here.

1. (a) **Prepare a temporary mount** of onion peel and cheek cells.
(b) **Make a model** of plant cell/animal cell using waste materials.
2. (a) **Spotting** of different microorganisms – Amoeba, Spirogyra, Paramecium, Yeast, (either Slides / Photographs)

- (b) Include a photocopy of your “vaccination chart” in PORTFOLIO. Prepare a “**Survey report**” on diseases for which vaccination is done in India.
3. **Laboratory Demonstration** by teacher on different physical and chemical properties of metals and non-metals.
4. (a) **Use pictures/science toons** to show different types of forces.
- (b) **Lab activities** to show relation of–
- (i) force and pressure
- (ii) pressure and area
- (c) demonstration showing properties of liquid pressure.
5. (a) **Collection of interesting facts** or situations to create Power Point Presentation on–
- (i) Methods to increase or decrease friction in day to day life.
- (ii) Advantages or disadvantages of friction
- (b) Demonstration of an activity to show that force of friction increases with increase in the weight of the body.
6. (a) **Graphical representation** on Increase in cost of Petrol/Diesel in last ten years.
- (b) **Survey**–Visit a near by petrol station and collect data for one month about number of vehicles that have undergone pollution check on each day of that month.
7. (a) **Activity** showing different conditions required for combustion.
- (b) **Collect information** on different types of fire extinguishers and write about them in a **scrap file** with pictures of fire extinguishers.

- (c) **Activities** showing presence of wax vapours in the innermost zone of candle flame and unburnt particles of carbon in the luminous zone of the candle flame and to show that the non-luminous zone is the hottest part of a candle flame.
8. (a) **Take out a Rally** to create awareness about “Importance of trees”.
- (b) **Prepare** recycled paper using scrap paper.
- (c) **Make a Picture Gallery** on different types of species of plants and animals.
- (d) **Design a Brochure** on national Park / Bio-diversity park / Wild life sanctuary.
9. (a) **Compose a Song / Poem or Jingle** to promote Organic Farming or Green manuring.
- (b) **Design** different agricultural implements using clay / dough.
10. **Lab demonstration** on refraction of light through a glass slab, glass prism and spherical lenses.
11. (a) **Model** of Human Eye using waste materials.
- (b) **Survey** on “Defects of vision”.
12. (a) In a **scrap file**, paste pictures of different musical instruments and give information about their special characteristics.
- (b) **Power Point Presentation** on “Cause and Effects of Noise Pollution” and “Measures to be taken to minimise ill-effects of Noise Pollution.”
13. (a) **Make a doll** using waste plastic materials(bottle caps, straws etc.) and adorn it using different types of synthetic fibres/fabrics. [Click its photograph and place it in the portfolio]
- (b) Draw **posters** and write **slogans** (self created) on “Say NO TO Plastics”.

14. (a) **Write up** on “Challenges faced by countries with over population”.
- (b) **Model** on Life cycle of a frog.
15. (a) Poster making on “**Say no to drugs**”.
- (b) Short film / Skit / Street play / video on ‘**Gender sensitization**’
16. (a) To **prepare** a continuity tester to check conduction through liquids.
- (b) **Demonstration** of electrolysis of water.
17. (a) **Visit** or collect information about any of the ancient astronomical observatory built by Maharaja Jai Singh and instruments/techniques used by astronomers of those times.
- (b) To make a **collage** on “Achievements of ISRO” till date. [Sources-newspaper, Science magazine, newsletters, journals etc.]
18. (a) On the **map** of world mark / indicate the place where Tsunami has occurred or is most likely to occur. [To be included in portfolio]
- (b) **role play** on “Do’s & Dont’s during an earthquake.”
19. (a) **Report** on ‘Smoke Towers’.
- (b) **Comparative Study** of steps taken by the Government against pollution of three polluted cities of the world.
20. (a) **Street play** on “Jal hi Jeevan Hai”.
- (b) **Case study** on Conservation of water bodies.

SOCIAL SCIENCE

The Social Science syllabus has been divided into three units :

Geography Unit-I Resources and Development

History Unit-II Our Past-III

Political Science Unit-III Rule of Law and Social Justice

One written examination for the whole syllabus is to be conducted at the end of the academic year (2021-2022) for **80 marks**. Question paper for this annual examination will be sent by DAVCAE. **20 marks** have been allotted for internal assessment as per details given below :

Guidelines for Internal Assessment

It is suggested that, the Internal Assessment is to be carried out as given below :

Tools of Internal Assessment	Total Weigtage (20 marks)
1. Periodic Tests - Pen and paper test (Three periodic tests will be conducted at School level as per their own schedule and the average of the best two scores will be reduced to 5 marks for internal assessment).	5 Marks
2. Assessment using multiple strategies for example , Quiz, Debate, Role play, Group Discussion, Visual Expression, Interactive Bulletin Boards, Gallery walk, Exit Cards, Concept Maps, Peer Assessment, Self-Assessment etc.	5 Marks
3. Subject Enrichment Activities (Project Work)	5 Marks

<p>4. Portfolio</p> <ul style="list-style-type: none"> • Class work • Work done (Activities/Assignments) • Reflections, Narrations, journals etc. • Achievements of the student in the subject throughout the year. • Participation of the student in different activities like quiz on Heritage India etc. <p>Assessing the Portfolio (Guidelines for teachers)</p> <ul style="list-style-type: none"> • Organization-Neatness and visual appeal • Completion of guided work focused on specific curriculum objectives • Evidence of student growth • Inclusion of relevant work (completeness) 	<p>5 Marks</p>
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DETAILED SYLLABUS

The details of syllabus, content, number of periods and marks allotted to each unit for each of the three components— Geography, History and Political Science of syllabus are given below :

Chapter No.	Name of the Chapter	No of Teaching Periods	Marks Allotted
GEOGRAPHY-UNIT-I: RESOURCES AND DEVELOPMENT			
1.	Resources : Utilization and Development	6	4
2.	Natural Resources : Land, Soil and Water	9	7
3.	Natural Resources : Vegetation and Wildlife	7	5

4.	Mineral and Energy Resources	4	To be Done as Project Work only
5.	Agriculture	12	6
6.	Manufacturing Industries	13	To be Assessed in Periodic Tests only and will not to be evaluated in the Annual Examination
7.	Human Resources	9	5
	Total	60	27

HISTORY-UNIT-II: OUR PASTS-III

8.	The Modern Period	4	3
9.	Establishment of company Rule in India	12	5
10.	Colonialism: Rural and Tribal Societies	9	4
11.	The first war of Independence-1857	7	6
12.	Impact of British Rule on India	4	To be Done as Project Work only
13.	Colonialism and Urban Changes	7	To be assessed in periodic tests only and will not be evaluated in the Annual Examination
14.	The nationalist Movement (1870-1947)	15	6
15.	India Marches ahead	8	3
	Total	66	27

POLITICAL SCIENCE-UNIT-III: RULE OF LAW AND SOCIAL JUSTICE

16.	Our constitution	10	6
17.	Fundamental Rights, Fundamental Duties and Directive Principles of State Policy	9	4
18.	The Union Government: The Legislature	9	5
19.	The Union Government: The executive	8	6

20.	The Union Government: The Judiciary	9	5
21.	Social Justice and the Marginalised	4	To be done as project work only
22.	Safeguarding the Marginalised	5	To be Assessed in periodic tests only and will not to be evaluated in the Annual Examination
	Total	54	26

The distribution of marks over different aspects relating to Project work is as follows :

S.No.	ASPECTS	Marks
1.	Content accuracy, originality and analysis	2
2.	Presentation and creativity	2
3.	Viva Voce	1

The project carried out by the students should subsequently be shared among themselves through interactive sessions such as exhibitions, Scrap books, ppt, panel discussions, etc.

Weightage to the type of questions

Type of Questions	VSA 1 Mark	SA 3 Marks	LA 5 Marks	Map	Total
No. of Questions	20	8	6	2	36
Total Marks	20	24	30	6	80

*Easy-30%

*Average-50%

*Difficult-20%

Learning Outcomes :

After studying the prescribed syllabus, the learners will be able to :

- recognize the importance of the issues included in the textbook and relate those to their daily life.

- learn the need of conservation of resources and the concept of sustainable development.
- comprehend the relation between resources and development.
- gain knowledge about the different sources of information of modern period and reflect on them.
- have an idea of the various historical developments that took place in the Modern period of Indian history.
- explain the process of the establishment of colonial rule in India and its impact.
- appreciate the contribution of various social reformers, struggle for freedom by nationalist leaders and the people of India as a whole.
- realize the social, political and economic developments after independence.
- appreciate the ideals of democracy and the importance of the rules and laws included in the Constitution of India.
- explain the process of functioning of different institutions of the government and their interdependence on each other.
- realize the need for social justice and equality for marginalized and minority groups.
- form their own opinion about different issues included in the textbook.
- develop map skills to identify and locate the various regions/states in India and different countries in the World.
- imbibe social and constitutional values like democratic way of life, secularism, social justice, and humanitarianism, dignity of labor and scientific attitude.

UNIT WISE SYLLABUS GEOGRAPHY

Unit-I–Resources and Development

Ch-1 Resources : Utilization and Development (6 Periods)

Contents: (4 Marks)

- Utilization of Resources
- Classification of Resources : based on renewability, origin, occurrence and development of resources.
- Sustainable development and conservation

Learning Outcomes : After studying the lesson the learners will be able to :

- Explain the meaning of resources, classification and uses of resources.
- Realize the need and methods of conservation of resources and the meaning of sustainable development.

Ch-2 Natural Resources : Land, Soil and Water (9 Periods)

Contents : (7 Marks)

- Land Resources – land use
- Soil Resources
 - factors affecting soil formation
 - soil conservation
- Water Resources
- Pollution of water and its conservation

Learning Outcomes : After studying the lesson the learners will be able to :

1. explain the significance of natural resources like land, soil and water.
2. compare the land use patterns of selected countries.
3. recognize the factors influencing soil formation, the causes of soil erosion, need and ways for the conservation of soil.

Ch-3 Natural Resources : Vegetation and Wildlife (7 Periods)

Contents : (5 Marks)

- Natural Vegetation
- Classification of forest
 - (a) Tropical hardwood forest
 - (b) Mediterranean forest
 - (c) Temperate softwood forest
- Advantages of forest
- Wildlife
 - (a) National park
 - (b) Wildlife Sanctuary

Learning Outcomes : After studying the lesson the learners will be able to :

1. Learn about the different types of forests, wildlife, national parks and sanctuaries.

Ch-4 Mineral and Energy Resources (4 Periods)

***Note:** This chapter is meant only for project work and is not to be included in annual written examination but to be taught and discussed in the class and various projects-based activities on the topic to be carried out by the students with the help of teacher.

Contents :

- Mineral Resources
- Types of Mineral – metallic, non-metallic and mineral fuels
- Distribution of Mineral Resources
- Distribution of Minerals in India
- Conservation of Minerals (India and World)
- Types of Energy Resources—Conventional and Non-conventional sources of energy
- Conservation of energy resources

Learning Outcomes : After studying the lesson the learners will be able to :

1. explain the occurrence of different minerals, the classification of mineral resources and its distribution in India/world.

2. understand the need to conserve mineral and energy resources and suggest measures for it.

Ch-5 Agriculture

(12 Periods)

Contents :

(6 Marks)

- Importance of agriculture
- Factors affecting agriculture
- Types of agriculture : subsistence and commercial with their sub types.
- Major crops : geographical requirements and the main countries of production.
(a) Cereals (b) Fibre crops (c) Beverage crops
- Agricultural development
- Comparative study of agricultural farms in USA and India.

Learning Outcomes : After studying the lesson the learners will be able to :

1. Explain the meaning and importance of agriculture. Factors affecting, agriculture and types of agriculture practiced in different parts of the world.
2. Classify different crops on the basis of geographical conditions and main areas of their production.
3. Compare the development of agriculture in developed and developing countries (USA and India).

Ch-6 Manufacturing Industries

(13 Periods)

Note : This chapter is meant only to be assessed in periodic tests and will not be evaluated in the Annual Examination.

Contents :

- Importance of Manufacturing industries
- Classification of industries
(a) On the basis of size
(b) Nature of finished products
(c) Sources of Raw Material
(d) Ownership
- Factors Influencing location of an industry
(a) Geographical

- (b) Non-Geographical
- Some major industries of the world
 - (a) Iron and Steel Industry
 - (b) Cotton Textile Industry
 - (c) Information Technology

Learning Outcomes : After studying the lesson the learners will be able to :

1. Explain the meaning of manufacturing industry, Industrial development, industrial region, information technology, classify industries and understand the factors that influence location of an industry.
2. Explain important facts of the following industries–
 - (a) Iron and steel industry (Jamshedpur)
 - (b) Cotton textile industry (Ahmedabad and Osaka)
 - (c) Information technology (Bengaluru and Silicon Valley)

Ch-7 Human Resources

(9 Periods)

Contents

(5 Marks)

- Concept of human resources
- Distribution of population
- India : Land – Man Ratio
 - (a) Density of population : states with low, moderate and high density
- Factors affecting distribution of population
 - (a) Physical Factors
 - (b) Economic Factors
- Growth of population
- Composition of human resources
 - (a) Age Structure
 - (b) Sex Ratio
 - (c) Literacy Rate.

Learning Outcomes : After studying the lesson the learners will be able to :

1. Explain the concept of human resource and the factors affecting distribution and density of population.

2. Explain the various attributes of composition of population i.e., age structure, sex ratio and literacy rate.

MAP WORK
GEOGRAPHY (4 MARKS)

Test Items for Identification

Note : On outline Political map of the world

Ch-2 Natural Resources: Land, Soil and Water

- (a) Areas of High Rainfall-Equatorial regions of South America, Africa and South East Asia.
- (b) Areas of Low Rainfall-Tropical deserts-Sahara, Arabian Plateau, Central and Western Australia, Kalahari, Central and Northern Eurasia, Central Asia, Polar Regions, etc.

Ch-3 Natural Resources : Vegetation and Wildlife

- (a) Tropical Evergreen Forests
 - (i) Amazon basin in South America
 - (ii) Congo basin (Ivorycoast, Ghana, Nigeria, Cameroon, Gabon in Africa)
 - (iii) S.E. Asian countries, India-Western Ghats, N.E. India, Andaman and Nicobar Islands, Kerala
- (b) Tropical Deciduous Forests
 - (i) India in Asia
 - (ii) Central parts of America
- (c) Mediterranean Forests
 - (i) Shores of Southern Europe and Northern Africa
 - (ii) S.W. part of South Africa
- (d) Temperate Softwood Forests
 - (i) Northern Canada
 - (ii) Higher latitudes of Europe and Asia

HISTORY

Ch-8 The Modern Period (4 Periods)

Contents : (3 Marks)

- Sources of information – British Documents, Books,

Letters, Writings, Speeches, Newspapers, Administrative Reports, Internet, Database Old buildings, Artifacts, and people.

Learning Outcomes : After studying the lesson the learners will be able to :

- Explain the changes in the Modern period of Indian history through the given sources of information.

Ch-9 Establishment of Company Rule in India(12 Periods)

Contents :

(5 Marks)

- Trading companies
- The East India Company
- The Carnatic Wars
 - (a) First Carnatic War
 - (b) Second Carnatic War
 - (c) Third Carnatic War
- Conquest of Bengal
- Battle of Plassey
- Battle of Buxar
- Dual Government in Bengal
- Anglo-Mysore Wars
 - (a) The First Anglo-Mysore War
 - (b) The Second Anglo-Mysore War
 - (c) The Third Anglo-Mysore War
 - (d) The Fourth Anglo-Mysore War
- Anglo-Maratha War
 - (a) First Anglo-Maratha War
 - (b) Second Anglo-Maratha War
 - (c) Third Anglo-Maratha War
- Anglo-Sikh Wars
 - (a) First Anglo-Sikh War
 - (b) Second Anglo-Sikh War

Learning Outcomes : After studying the lesson the learners will be able to :

- Explain the role of East India Company in establishing new trading centers in India.
- Explain systematic expansion of East India Company in India, that led to establishment of British Empire.

Ch-10 Colonialism : Rural and Tribal Societies (9 Periods)

Contents : (4 Marks)

- Colonial agrarian policy and its impact
 - (a) Zamindari System
 - (b) Ryotwari System
 - (c) Mahalwari System
- Growth of Commercial Crops
- Condition of the Farmers
- Revolts by Farmers
- Colonialism and Tribal Societies
- Impact on the Tribal Life
- Tribal Revolts
- Effects of Colonialism on Crafts and Industries,
- Modern Industries in India.

Learning Outcomes : After studying the lesson the learners will be able to :

- Explain different Land Revenue Systems and their impact, revolt by the farmers.
- Analyze reasons behind the exploitation of tribal and their revolts.
- Recognize the impact of colonialism on Indian crafts and industry and development of modern industries in India.

Ch-11 The First War of Independence–1857 (7 Periods)

Contents : (6 Marks)

- Uprising of 1857
- Causes of the Revolt :
 - (a) Political Causes

- (b) Economic Causes
- (c) Social and Religious Causes
- (d) Military Causes
- (e) Immediate Causes
- Course of the revolt
- Suppression of the revolt
- Causes of the failure
- Results of the revolt of 1857.

Learning Outcomes : After studying the lesson the learners will be able to :

- Explain the causes of 1857 revolt, its nature, important centers and leaders involved in the revolt.
- Assess the reasons for the failure of the 1857 revolt.
- Appreciate the outcome of the Revolt known as 'First War of Independence'.

Ch-12 Impact of British Rule on India (4 Periods)

***Note :** This chapter is meant only for project work and is not to be included in annual written examination but to be taught and discussed in the class and various projects-based activities on the topic to be carried out by the students with the help of teacher.

Contents :

- Education under the British Rule.
- Impact of British System of Education
 - (a) Positive
 - (b) Negative
- Social Impact
- Socio-Religious Reforms
 - (a) Shri Narayan Guru
 - (b) Jyotiba Phule
 - (c) Veeresalingam Kundukuri
 - (d) Periyar E.V. Ramasamy
 - (e) Swami Dayanand Saraswati

- (f) Dr. Bhimrao Ambedkar
- (g) Mahatma Gandhi
- Impact of the reform movements

Learning Outcomes : After studying the lesson the learners will be able to :

- Explain the education policy of the Britishers and its impact in India.
- Recognize the role of different social reformers in the Indian society.
- Assess the impact of social reforms in Indian Society.

Ch-13 Colonialism and Urban Change (7 Periods)

Note : This chapter is meant to be assessed in periodic tests only and will not be evaluated in the Annual Examination.

Contents :

- De-urbanisation
- Urbanisation of Calcutta and Delhi
- Police in Delhi
- Railways under the British
- British impact on Indian painting, literature and architecture.

Learning Outcomes : After studying the lesson the learners will be able to :

- Describe the process of De-urbanisation.
- Explain the process of urbanization of Calcutta and Delhi.
- Explain the formation of Police System in Delhi.
- Recognise the reasons for introduction of railways by the British in India.
- Assess the impact of the British policies on Indian painting, literature and architecture.

Ch-14 The Nationalist Movement (1870-1947) (15 Periods)

Contents : (6 Marks)

- Formation of Indian National Congress
- Partition of Bengal

- Formation of Muslim League
- Morley-Minto Reforms
- Home Rule League
- Lucknow Pact 1916
- Arrival of Mahatma Gandhi on the Indian Political Scene
- Montague Chemsford Reforms/Government of India Act 1919
- Rowlatt Act
- Jallianwala Bagh Massacre
- The Non-Cooperation Movement
- Chauri Chaura
- Peasants and Workers Movements
- Simon Commission
- Lahore Session
- Civil Disobedience Movement
- Revolutionary Movement for India's Independence
- Government of India Act, 1935
- Quit India Movement
- Subash Chandra Bose
- Towards Independence

Learning Outcomes : After studying the lesson the learners will be able to :

- Access the circumstances that led to the formation of Indian National Congress.
- Recognise the role of moderates and radicals in the Indian freedom struggle.
- Explain the different developments in nationalist movement from 1870-1947.
- Appreciate the role of Mahatma Gandhi, Subhash Chandra Bose, and other national leaders and the significance of mass movements.

Ch-15 India Marches Towards Independence (8 Periods)

Contents : (3 Marks)

- Main features of the Indian Independence Act, 1947
- Indian Constitution
- India On the Path of Progress
- Indian Democracy
- India's Foreign Relations
- Indian Society
- Challenges to Indian Democracy
- What is India Vision 2020

Learning Outcomes : After studying the lesson the learners will be able to :

- recall the main features of the Indian Independence Act 1947.
- realise the significance of Indian Constitution and working of Indian democracy.
- explain the path of India's economic and agricultural growth.
- highlight the main features of India's foreign policy and India Vision 2020.

MAP WORK

HISTORY (2 MARKS)

(For locating and labelling of the following items)

Note : On outline Political Map of India

Chapter 11 : The First War of Independence-1857

- Meerut
- Delhi
- Gwalior
- Kanpur
- Lucknow
- Barrackpore
- Jhansi

Chapter 14 : The Nationalist Movement (1870 – 1947)

- Bombay – Formation of INC
- Lucknow – Lucknow Pact
- Amritsar – Jallianwala Bagh Massacre
- Dandi – Dandi March
- Surat – Moderates and radical split
- Calcutta – Call for Swaraj made in Congress Session
- Champaran – First movement for peasants by Gandhiji
- Chauri Chaura-Incident due to which Non-Cooperation Movement was called off

POLITICAL SCIENCE

Chapter-16 Our Constitution

(10 Periods)

Contents :

(6 Marks)

- Rules and Laws
- The Constitution and its need
- Values and Vision of the Indian Constitution
- Preamble : The soul of Indian Constitution
- Basic Features of Our Constitution
 - (a) Uniqueness
 - (b) The Longest Constitution
 - (c) Written Constitution
 - (d) Rigid and Flexible
 - (e) Procedures of Amendment
 - (i) By Simple Majority
 - (ii) By Special Majority
 - (iii) Special Majority and Ratification
 - (f) India is a Sovereign, Socialist, Secular and Democratic Republic
 - (g) Parliamentary form of government
 - (h) Federal and Unitary
 - (i) Universal Adult Franchise
 - (j) Single Citizenship
 - (k) Single Integrated Judicial System

Learning Outcomes : After studying the lesson the learners will be able to :

- explain the meaning and need of the constitution.
- Identify the important features, ideals and values contained in the constitution.
- Assess the importance of the rule of law.

Ch-17 Fundamental Rights, Fundamental Duties and Directive Principles of State policy. (9 Periods)

Contents : (4 Marks)

- Fundamental Rights
 - (a) Right to Equality
 - (b) Right to Freedom
 - (c) Right against Exploitation
 - (d) Right to Freedom of Religion
 - (e) Cultural and Educational Rights
 - (f) Right to Constitutional Remedies
- Restrictions on Fundamental rights
- Fundamental Duties
- Directive Principles of State Policy
- Secularism
- Indian Secularism

Learning Outcomes : After studying the lesson the learners will be able to :

- Describe the Fundamental Rights and Fundamental duties as enshrined in the Constitution of India.
- Explain the significance of Directive Principles of state policy.
- Realize the importance and uniqueness of Indian secularism.

Ch-18 The Union Government : The legislature(9 Periods)

Contents : (5 Marks)

- Structure of Indian Government
- The Union Legislature : Parliament
- Lok Sabha — The House of the People
 - (a) Qualifications
 - (b) Tenure
 - (c) Powers and functions of the speaker

- Rajya Sabha : The Council of States
 - (a) Qualification
 - (b) Election and Tenure
 - (c) Presiding officer
- Powers and functions of Union Parliament
 - (a) Legislative powers
 - (b) Control over the Executive
 - (c) Financial power
 - (d) Power to amend the Constitution
 - (e) Judicial powers
 - (f) Electoral function

Learning Outcomes : After studying the lesson the learners will be able to :

- realise the need for federal structure in India.
- explain the significance of division of powers, subjects between different levels of government, the composition, functions of Union Parliament (Lok Sabha & Rajya Sabha), the role of Speaker in Lok Sabha and Chairman in Rajya Sabha.

Ch-19 The Union Government : The Executive (8 Periods)

Contents : (6 Marks)

- Parliamentary form of Government
- Nominal Executive
- Real Executive
- The President
 - (a) Qualifications for the Office
 - (b) Tenure
 - (c) Election of the President
 - (d) Impeachment
 - (e) Succession to Presidency
 - (f) Emoluments and Immunities
- Powers and Functions of the President
 - (a) Executive Powers
 - (b) Legislative Powers
 - (c) Financial Powers

- (d) Judicial Powers
- (e) Emergency Powers
- The Vice President of India
- The Union Council of Ministers
 - (a) Functions of the Union Council of Ministers
 - (b) Functions of the Prime Minister.

Learning Outcomes : After studying the lesson the learners will be able to :

- Explain the nature and working of the Parliamentary system of government, differentiate between real and nominal Executive.
- Comprehend the process of election of the President of India and its impeachment.
- Understand the powers and functions of the President and Vice President.
- Able to identify the composition, powers and functions of the council of Ministers and Prime Minister of india.
- Value the significance of coalition government in the present day politics.

Ch-20 The Union Government : The Judiciary (9 Periods)

Contents :

(5 Marks)

- Independence of Judiciary
- Types of Cases
- Single Unified and Integrated Judicial System
- Supreme Court of India
 - (a) Organization/Composition
 - (b) Qualification of Judges
 - (c) Tenure and Removal from Office
 - (d) Salary and allowances
- Powers and Functions of the Supreme Court
 - (a) Original Jurisdiction
 - (b) Appellate jurisdiction
 - (c) Advisory Jurisdiction
 - (d) Supervisory Jurisdiction
 - (e) Court of Record

- (f) Protector of the Fundamental Rights
- (g) Guardian of Our Constitution
- (h) Judicial Review
- High Court
 - (a) Organization/Composition
 - (b) Qualifications
 - (c) Emoluments
 - (d) Tenure and Removal
- Powers and Functions of the High Court
- Subordinate Courts
 - Civil Courts
 - Criminal Courts
 - Revenue Courts
- Lok Adalats
- Public Interest Litigation

Learning Outcomes : After studying the lesson the learners will be able to :

- Explain the concept and importance of independent judicial system in India.
- know about the jurisdiction and function of Supreme Court, High Courts and Subordinate Courts.

Ch-21 Social Justice & the Marginalised (4 Periods) **(Project only)**

Note : This chapter is meant only for project work and is not to be included in annual written examination but to be taught and discussed in the class and various project-based activities on the topic to be carried out by the students with the help of teacher.

Contents :

- Meaning of marginalised groups
- Scheduled castes and Scheduled tribes
- Reservation
- Other backward classes
- Minority groups

Learning Outcomes : After studying the lesson the learners will be able to :

- Explain the meaning of marginalised groups and their problems, Constitutional provisions for safeguarding their interest.
- Appreciate the steps taken by the government for the welfare of the minorities and the marginalized groups.

Ch-22 Safeguarding the Marginalised (5 Periods)

Note : This chapter is meant to be assessed in periodic tests only and will not be evaluated in the Annual Examination.

Contents :

- Meaning of Marginalisation
- Constitutional Provisions
 - (I) Fundamental Rights
 - (a) Right to Equality
 - Protective decriminalized
 - Untouchability
 - (b) Right against exploitation
 - (c) Special provisions for Minorities
 - (II) The Directive Principles of State Policy
- Protecting the rights of marginalized
 - Reservation
 - Prevention of Atrocities Act 1989
- Measures taken by the government for rehabilitation of Manual Scavengers.
- Programmes launched by the government for the upliftment of the weaker sections.
- People's aspirations and our National Goals.

Learning Outcomes : After studying the lesson the learners will be able to :

- Explain the concept of social justice, problems faced by marginalized groups and steps taken for their welfare.
- Analyse the importance of policy of reservation.

LIST OF SUGGESTED CLASS ACTIVITIES/ PROJECTS/EXPERIMENTS/PRACTICALS FOR INDIVIDUAL WORK/GROUP WORK/PORTFOLIO & SUBJECT ENRICHMENT BASED ON ART INTEGRATION, ICT SKILLS & EXPERIENTIAL LEARNING

Note : The List given here under is only suggestive in nature. The teachers / students can do other projects / activities in addition to those suggested here.

Geography

Explore the various items made up of minerals and their alloys in your home and surroundings.

1. Items used in construction, handicraft, bridges and utility products.
2. Things made of minerals used for domestic purpose.
3. Click photograph of each item.
4. Classify them into metallic and non-metallic minerals.

Activity assignment

1. Prepare a Brochure/foldable on metallic and non-metallic minerals on the basis of minerals identified by you.
2. Minimum 5 metallic and 5 non-metallic items are required.

Project–Conservation of energy

1. Collect the electricity bills of your house.
2. Compare the consumption of electricity in different seasons.
3. Convert the data into bar graph and compare it on the basis of season.
4. Find out the causes of more consumption of energy in a particular month/season.
5. Collect the data of energy consumption by each electronic device in your house.

6. Find out the solution for reducing energy consumption in your house.
7. Take energy conservation steps at home.
8. Analyse its impact on the electricity bill.
9. Give more suggestions to reduce energy consumption and try to imbibe habits of saving energy.

Note : Project can be prepared on any creative format.

SUGGESTED PROJECTS IN HISTORY

Chapter-12 Impact of British Rule on India

- Project-1 The poster will be consisting of two parts
- (i) Positive impact of British system of Education
 - (ii) Negative impact of british system of Education
- Project-2 Scrap File on Social Reformers and their work
- Project-3 Map work on Social Reformers using Stamp Size pictures pasted on Map in their respective states.

SUGGESTED PROJECTS/ACTIVITIES IN POLITICAL SCIENCE

Chapter-21 Social justice and Marginalised

1. Prepare a photo album or power point presentation or film on Tribal History, Culture, Festivals, Occupation, Dance Forms, Food, Dresses, Jewellery, Art & Craft.
2. Brochure making on famous personalities belonging to SC & ST communities of India, those who have achieved excellence in different spheres of life.
3. Dance presentation—any type of dance forms belonging to the tribes of North-Eastern states of India.
4. Clay modelling on Tribal jewellery, sculpture, tools, weapons, utensils, art & craft etc.
5. Placards on different tribal groups of India with labelling their geographical locations.

नैतिक शिक्षा

मुख्य उद्देश्य:

1. छात्र-छात्राओं में ईश्वर भक्ति के भाव उत्पन्न होंगे। उनमें माता-पिता, गुरुजनों एवं मानवमात्र के प्रति सम्मान और कृतज्ञता को अंकुरित एवं पल्लवित करने के भाव होने चाहिए।
2. धार्मिक रुचि का संवर्धन एवं अच्छी आदतें व्यवहार में सम्मिलित होनी चाहिए।
3. विद्यार्थियों को देश, धर्म, सुसंस्कार, सुशिक्षा एवं विश्वकल्याण के प्रति कर्तव्यनिष्ठ बनना चाहिए।
4. वेदादि उत्तम ग्रन्थों के स्वाध्याय के प्रति रुचि जाग्रत होनी चाहिए।
5. वैदिक संस्कृति एवं सभ्यता के प्रति आत्मीयता के भाव प्रगाढ़ एवं सुदृढ़ होने चाहिए।
6. देश धर्म की सेवा में जीवन लगाने वाले तथा उत्तम ग्रन्थों की रचना द्वारा ज्ञान का संवर्धन करने वाले महापुरुषों के चरित्र से परिचित होना चाहिए।
7. छात्रों में प्राणीमात्र के प्रति दया, संयम, सदाचरण, उदारता आदि के भाव होने चाहिए।
8. परस्पर प्यार से रहना, एक-दूसरे के सुख-दुःख में सहभागी होना, सबकी उन्नति में अपनी उन्नति समझना आदि सदाचरण से सामाजिकता की भावना को मूलबद्ध करना।
9. निजी स्वार्थ का त्याग, चारित्रिक उन्नति, सहिष्णुता एवं राष्ट्रीय नियमों के पालन से राष्ट्र की उन्नति में योगदान करना।
10. महामारी, अकाल, दुर्भिक्ष, भूकम्प आदि से पीड़ित लोगों की सहायता करना, उन्हें इनसे बचाने के लिए कदम उठाना, इनसे बचने के लिए सम्बंधित विशेषज्ञों के दिशानिर्देशों का पालन करना और कराना।

आन्तरिक मूल्यांकन

(20 अंक)

1. इकाई परीक्षा 5 अंक
(इकाई परीक्षाएँ तीन होंगी। दो सर्वश्रेष्ठ परीक्षाओं का मूल्यांकन किया जाएगा, जिनके ओसत 5 अंक दिए जाएँगे।)

2. बहुविध मूल्यांकन 5 अंक
 (क) अवलोकन
 (ख) मौखिक
 (ग) वैयक्तिक/सामूहिक कार्य।
 (घ) परिचर्चा
 (ङ) बाह्य गतिविधियाँ
3. निवेश-सूचिका(पोर्ट-फोलियो) 5 अंक
 चित्रात्मक गतिविधियाँ-पुस्तक पर आधारित अध्यापकों के निर्देशानुसार-
1. ओ३म् ध्वज का निर्माण
 2. स्वच्छता अभियान
 3. वर्ण व्यवस्था
 4. महापुरुषों का जीवन चरित्र
 5. हवन में प्रयुक्त आवश्यक वस्तुओं की सूची
 6. कक्षा कार्य/गृहकार्य
4. विषय संवर्धन- 5 अंक
1. योगासन
 2. पञ्च महायज्ञ (विधि एवं मंत्रोच्चारण)
 3. सात्विक आहार, सत्य भाषण
 4. वाद-विवाद प्रतियोगिता
 5. लेखन
 6. प्रेरक प्रसंग

क्रम सं.	पाठ का नाम	अंक विभाजन	कालांश विभाजन
1.	ओ३म् ध्वज (अर्थ, एवं महत्त्व)	3	2
2.	ईश्वर का सर्वश्रेष्ठ नाम- (ओ३म् का महत्त्व व जप के लाभ)	4	3

क्रम सं.	पाठ का नाम	अंक विभाजन	कालांश विभाजन
3.	आत्मबोध – (अर्थ, भावार्थ एवं कण्ठस्थीकरण)	2	1
4.	गीता के दो श्लोक – (अर्थ एवं उद्देश्य)	4	2
5.	गायत्री जप का प्रभाव (गायत्री मंत्र की महिमा, अर्थ एवं लाभ)	5	3
6.	संस्कृत भाषा (आवश्यकता महत्त्व एवं उपयोगिता)	5	3
7.	राष्ट्रभाषा हिन्दी (आवश्यकता, महत्त्व एवं स्थान)	6	3
8.	पञ्च महायज्ञ (नाम, परिभाषा, उद्देश्य एवं लाभ)	6	3
9.	डी.ए.वी. गान (अर्थ, भावार्थ एवं कण्ठस्थीकरण)	2	2
10.	योग की पहली सीढ़ी-यम (योग एवं यमों के अर्थ एवं महत्त्व)	6	3
11.	योग की द्वितीय सीढ़ी 'नियम'– (योग के अनुसार नियमों के अर्थ एवं महत्त्व)	6	3
12.	वर्ण व्यवस्था का स्वरूप– (भेद एवं आवश्यकता)	4	3
13.	आश्रम व्यवस्था – (भेद, अर्थ एवं महत्त्व)	4	3
14.	'किस दर जाऊँ' – (भावार्थ एवं कण्ठस्थीकरण)	2	2
15.	आर्य समाज के नियम (7-10 नियम) (व्याख्या, महत्त्व एवं कण्ठस्थीकरण)	5	3
16.	सत्यार्थ प्रकाश– (अर्थ, महत्त्व एवं सभी समुल्लासों की विषय-वस्तु)	6	3
17.	डी.ए.वी. संस्थाएँ (डी.ए.वी. की स्थापना, विशेषताएँ, उद्देश्य एवं योगदान)	4	2
18.	डॉ. मेहरचन्द महाजन– (जन्म, शिक्षा एवं डी.ए.वी. में योगदान)	4	3
19.	राष्ट्रीय गीत – (अर्थ एवं कण्ठस्थीकरण)	2	2

निर्धारित पुस्तक :

नैतिक शिक्षा (भाग 8)

(प्रकाशन विभाग, डी.ए.वी. कॉलेज प्रबंधकर्तृ समिति, नई दिल्ली)

DHARMA SHIKSHA

(ENGLISH MEDIUM)

I. Weightage to form of questions :

Type of Questions	MCQ	SA I	SA II	LA	Total
No. of Questions	10	6	11	5	32
Total Marks	10	12	33	25	80

II. Weightage to Content : Annual Examination 2021-2022

S. No.	Name of Units/Chapters	Allotment of total teaching periods month wise	Weightage Marks
1.	All about God	April : 2	6
2.	The Vedas	June : 4	6
3.	What do the Vedas Teach us ?		6
4.	What is Dharma?		9
5.	The Five Yajnas	August : 4	6
6.	A Balanced life. Its Four stages		6
7.	Rishi Dayanand : The Founder of Arya Samaj	September : 5	8
8.	The ten commandments of Arya Samaj	October : 3	7
9.	Beliefs and precepts of Swami Dayanand	November : 4	8
10.	The Martyrs of Arya Samaj	December : 4	8
11.	Mahatma Hansraj and Value-based Education	January: 3	10
	Total		80

III. Weightage of marking

(a) Theory : The Written Examination will be of 80 marks.

(b) INTERNAL ASSESSMENT

Tools of Internal Assessment	Total Weightage (20 Marks)
<ul style="list-style-type: none">• Periodic Tests – Pen and paper test. The periodic tests will be conducted at School and the average of the best two will be reduced to 5 marks for internal assessment.	5 Marks
<ul style="list-style-type: none">• Multiple Assessment for each student to be done by using the tools of observation, oral test, individual/group work, field work, class discussion (Quiz, debates, role play, bulletin board etc.)	5 Marks
<ul style="list-style-type: none">• Subject Enrichment Activities : (Assessment of speaking and listening skills)	5 Marks
<ul style="list-style-type: none">• Portfolio<ol style="list-style-type: none">1. Journal2. Notebook (to display exemplary work) Assessing the Portfolio (Guidelines for teacher)• Organisation: (Neatness & visual appeal)• Completion of guided work focused on specific curriculum objective.• Evidence of students growth• Inclusion of relevant work.	5 Marks

IV. List of selected topics for Projects/Activities

Subject Enrichment Activities : **5 marks**

1. Recitation of two Geeta Shlokas (compulsory) 2 M
2. Write a brief note on Vedas-meaning & types 3 M
3. Gyatri Mantra-meaning, importance and how and when should it be performed 5 M
4. DAV Song – Recitation (given in students diary) 3 M
5. Cross words puzzle on five Yajnas/Ashram Dharmas/Varna System 3 M
6. Enacting real life situation based on Dharma/ Religion/Caste 3 M
7. Yajna : meaning, importance, connotations and types. 5 M
8. Shloka Recitation and performance of Havan (compulsory) 2 M
9. Stories related to Moral Values 3 M
10. Rhythmic Singing of National anthem 3 M
11. 10 Commandments/principles of Arya Samaj 5 M
12. Enact on any harmful social customs of India 5 M