

**DAV PUBLIC SCHOOL
SRESHTHA VIHAR DELHI-110092
CLASS VIII
HOLIDAYS HOMEWORK**

ENGLISH

1 PROJECT

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1. Parents, early life, education
 2. Awards won
 3. List of books, short stories, poems written.
 4. Book review on any one work.
 5. Book cover of any one work.
2. Read the chapters ' The Fun They Had ' and 'Father's Help ' .
(a) Make 20 MCQs from each chapter.
(b) Find 10 difficult words from each chapter and find out their meaning. Also make a sentence with each word.
3. Granny liked living in a tree top house. If you get a chance to live in a tree top house, what problems would you face while living there and what things would you enjoy? Write a paragraph about it.
Draw a tree top house on an A 4 size sheet / drawing sheet. Colour it and make it attractive.
4. The word ' mother ' evokes powerful emotions in everyone. Think about your mother and write a poem about her.

OR

Refer page 30 of your literature text book. Do question no 2 given under pre reading task in the same pattern.

MATHEMATICS

1) INTERDISCIPLINARY PROJECT (ART INTEGRATION AND EXPERIENTIAL LEARNING)

Blaise Pascal was a French philosopher, mathematician, scientist, inventor and theologian. He has made a contribution to the field of mathematics, physics and philosophy. One of his contributions includes **Pascal's triangle**. Each number is the sum of the two

numbers above it. The tip of the triangle and the sides are all ones. The numbers forming the body of the triangle are the addition of the two immediately above.

Draw a Pascal's Triangle and Highlight the different patterns observed by you on an A4 size sheet.

2) SUBJECT ENRICHMENT ACTIVITY

a) Following activities to be done in Activity file.

Draw Patterns based on squares and cubes of a number given in Ch-1 and Ch-2 of your textbook.

b) Verify Pythagoras theorem by cutting and pasting method. Refer the link given below

<https://youtu.be/UJVGXbLMtpg>

c) Prepare a model of any solid shape for example Pyramid, Prism, Cube, cuboid etc. or of a combination of different solid shapes. **(Not to be done in activity file)**

3) GLOSSARY

Read the following chapters and write the meaning of the difficult words/terms.

A) Chapter-1 Squares and square roots

B) Chapter-2 Cubes and cube roots

C) Chapter-4 Direct and inverse variation

D) Chapter-5 Profit, Loss and Discount

E) Chapter -10 Parallel lines

F) Chapter-14 Mensuration

SCIENCE

1. INTERDISCIPLINARY ACTIVITY : To prepare a life sketch including biographical information and significant contribution of various scientists.

Topic: Legends of Science

Scientists covered: Louis Pasteur (R.No : 1-17),
Blaise Pascal (R.No : 18-34), Henry Moseley
(R.No : 35 onwards)

Instructions: Use online resources to undertake in-depth research on the life and significant contribution of above mentioned scientists . Prepare their life sketch including the biographical information and their significant contribution to science and other subjects in the form of BIOGRAPHY LAPBOOKS.

It should cover the following information of the respective scientist:

- Sketch / Portrait of the Scientist
- Dates and Places of birth and death
- Nationality
- Significant Contributions to the Society
- Relevance / Application in day to day life
- Awards
- Inspirational Quotes

2. **ACTIVITY-** Make a collage of the pictures (preferably hand drawn) showing various situations of our day- to -day life wherein we increase or decrease the pressure to make our tasks happen easily .
Example : A picture showing a child carrying a school bag and a person cutting the vegetables etc.

3. Perform the following activity under the supervision of your guardian –
Take a plastic bottle and pour some hot water into it. Shake the bottle. Now pour out the water and quickly close the lid of the bottle very tightly. Note down your observation and try to explain it with the help of the following hints.

4. Read ----

Chapter : Microorganisms – friends and foes.

Force and Pressure Sources of Energy

Prepare a crossword from the chapter Microorganisms- friends and foes using scientific terms. Also write five difficult terms from each chapter along with their meanings.



- Hints: 1. Air exerts a pressure at all points and at all objects on the earth.
2. Hot air expands causing a decrease in it's pressure.

5. Assignment -CROP PRODUCTION AND IMPROVEMENT

Note: To be done in Biology homework notebook.

Q1 Complete the following flow chart according to the steps of crop production in sequence.

STEPS OF CROP PRODUCTION

I _____

II Sowing

III _____

IV _____ V

VI _____

VII Storage

Q2 Differentiate between manures and fertilizers.

Q3 Classify the following into Rabi and Kharif crops.

- a) Paddy- _____
- b) Maize _____
- c) Wheat _____
- d) Mustard _____

Q4 Observe the picture given below and list the step of crop production related to the picture.



Q5 Define the following:

- a) Ploughing
 - b) Agriculture
 - c) Agricultural Practices
- Q6

Give one word for the following:

- a) Implement used for weeding _____
- b) First step of crop production _____
- c) A tool used for loosening soil _____
- d) Organic wastes can be decomposed to form _____

Q7 Many implements are available which ease out the burden of the farmers. Justify the statement using one example?

Q8 Appropriate distance between the seeds is important in the field. Give reason.

Q9 Which bacteria is present in the nodules of roots of leguminous plant?

Q10 Explain how a farmer prepares his crop land before sowing seeds.

SOCIAL-SCIENCE

- I. Read & Revise the chapters covered.
- II. **Glossary**: Underline difficult words in the textbook and write their meanings in the textbook itself.

III. **GROUP ACTIVITY:**

Prepare **Objective type question** of the chapters given below

Note: The class will be divided in a group of 5-6 students and each group will prepare one chapter which must cover the following categories of question

- One word
- Fill ups
- Assertion and Reasoning
- MCQ
- True and False
- Match the following
- Correct Sequence

These Objective Type questions should be typed on Ms Word and shared with your group leader.

CHAPTERS

Geography: Ch 1 Resource: Utilization & Development
Ch 2 Natural Resources: Land, Soil land Water
Ch 3 Natural Resources: Vegetation and Wildlife

History: Ch 9 Establishment of Company Rule
Ch 10 Colonialism Rural and Tribal Societies
Ch 11 The First War of Independence

Pol. Science: Ch16 Our Constitution
Ch17 Fundamental Rights, Fundamental Duties & Directive Principles of State Policy
Ch 18 The Union Government: The Legislature

IV: **INDIVIDUAL ACTIVITY**

Prepare Bio Sketch of Social Reformers all 7 mention in the chapter under the following heads

(Note: Refer to Chapter 12: Impact of British Rule on India)

- Name
- State
- Brief Sketch about their life
- Contribution

LEARNING OUTCOMES:

The students will be able to

- Identify various Social Reformer
- Analyse their contribution in the society
- Learn different values from their lives

NOTE: To be done in CW Notebook of History in a creative manner.

V: INTERDISCIPLINARY PROJECT

Topic: Mineral & Energy Resources

. (Refer to Ch 4 Mineral & Energy Resources)

1. Explore the various items made up of minerals and their alloys in your home and surroundings. (Items used in construction, handicraft, bridges, utility products & things made of minerals used for domestic purpose)
2. Study about Henry Moseley contribution to the Periodic Table & list metallic minerals found by you.
3. Locate their reserves on Political Map of India.

LEARNING OUTCOMES:

The students will be able to

- List various minerals and alloys around them
- Classify these minerals as Metallic and Non-metallic Minerals
- Locate their reserves in India

NOTE: To be done in CW Notebook of Geography in a creative manner.

NOTE: Whole work will be graded for the internal assessment.

हिन्दी

1 पाठ 2 - 'असल धन' कहानी के किसी भी एक अंश को संवाद लेखन के रूप में प्रस्तुत कीजिए।

2 पाठ 3 - 'अच्छे पड़ोसी के गुण' निबंध को पढ़कर अपने किसी मित्र को अच्छे पड़ोसी के गुण बताते हुए पत्र लिखिए।

3 पाठ 4 'दोपहरी' कविता के आधार पर विषय : गरमी की एक दोपहर' पर आधारित कोई कहानी या कविता लिखिए।

4 कोरोना काल और समाज की भूमिका विषय पर अपने विचार 200-250 शब्दों में लेख के रूप में दिए गए बिन्दुओं को आधार बनाकर प्रस्तुत कीजिए।

- अपने आस-पड़ोस की परितियों
- मीडिया में प्रचार - प्रसार
- स्वास्थ्य सुविधाएँ
- चुनौतियाँ

5 परियोजना कार्य - 'अन्याय के खिलाफ लड़ाई' जीवनी को पढ़कर पर्यावरण संरक्षण में आदिवासी जनजाति की संस्कृति के योगदान को पीपीटी के माध्यम से प्रस्तुत कीजिए।

*नोट : पाठ 1 से 5 पढ़कर कठिन शब्दार्थ लिखिए।

प्रत्येक कार्य हिन्दी उत्तर पुस्तिका में ही कीजिए।

संस्कृत

1. पाठ 1से 5 तक के पाठों में से अव्यय एवं धातु रूपों (लट्, लृट् एवं लङ्) के शब्दों को छांट कर notebook में लिखिए।
- 2.राम, लता,फल,नदी, मुनि,साधु, अस्मद् और युष्मद् शब्द रूप notebook में लिखिए और याद कीजिए।
3. चित्र वर्णन (151से156तक) पुस्तक में पूरा कीजिए।
- 4.अपठित गद्यांश (136से 142)तक पुस्तक में पूरा कीजिए।
- 5.Project (Art Integrated learning)A-4 साइज सीट पर नदी का पोस्टर बनाइए।(अहम् नदी अस्मि)
- 6.(Experiential learning Activity)
किसी भी सुन्दर आकृति को बनाकर संस्कृत के चार श्लोक लिखिए।(पाठ-1)
- 7.(Interdisciplinary Project)ब्लेज पास्कल, हेनरी ग्विन जेफरीस, लुई पाश्चर- इनमें से किसी एक वैज्ञानिक का चित्र बनाकर या चिपकाकर उनके जीवन चरित्र पर पांच छोटे-छोटे (लघु वाक्य) संस्कृत में लिखिए।

नैतिक शिक्षा (कक्षा-8)

ग्रीष्मावकाश गृहकार्य व गतिविधियां

1. श्रीमद्भगवत गीता से कोई पाँच श्लोक और उनके अर्थ (महाभारत से संबंधित चित्र सहित) सुंदरता से लिखें।
2. ओम ध्वज कविता से 'ओम ध्वज'(झंडे) का चित्र बनाएं तथा प्रथम पृष्ठ से कविता की पंक्तियाँ लिखें।
3. गायत्री मंत्र और उसका अर्थ सुंदरता से लिखें।
4. पाठ-1,2,4,5,6 पढ़ें तथा 1,2,5,6 में आए कम से कम 10-10 कठिन शब्दों के अर्थ शब्दकोश की सहायता से अपनी नैतिक शिक्षा की copy में लिखें।
(नोट- इन सभी गतिविधियों का एक pdf बनाएं)

COMPUTER SCIENCE

Digital Storytelling on Virtual Learning

Create a video/animation sharing your views on 'Online Education', using narration and stills and videos of your virtual classes via Teams.

Time Limit : 2-3 Minutes

App(s) : Scratch, Adobe Spark Video, Viva Video, Kinemaster or any other relevant one

Submission : All the videos have to be submitted via Assignment tab.