

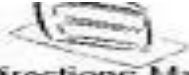
DAV PUBLIC SCHOOL, SRESHTHA VIHAR, DELHI-110092

HOLIDAYS' HOMEWORK- 2020-2021

CLASS VIII

ENGLISH

- A. Complete Unit -2 Compassionate Souls of English Reader Book.
- B. Match the idioms with its real meaning. (Do it in A4 Size sheet)

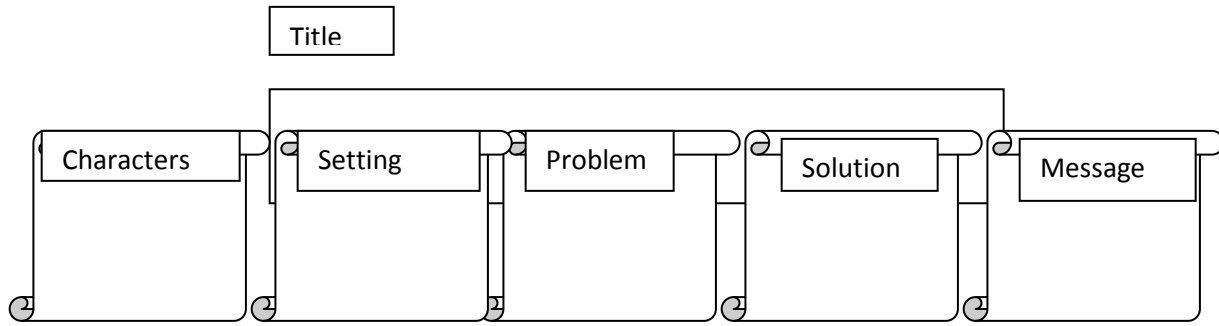


Idioms

Directions: Match the idiom with its real like meaning.

1. ___ You have ants in your pants.	A. I am good at growing things.
2. ___ I'm feeling blue.	B. Put yourself in my place.
3. ___ My eyes are bigger than my stomach.	C. I'm in trouble.
4. ___ Please give me a hand.	D. I'm sad
5. ___ I'm in a pickle.	E. You're wiggling.
6. ___ I hit the nail on the head.	F. I'm listening.
7. ___ Walk a mile in my shoes.	G. Please help.
8. ___ I'm all ears.	H. I got it correct.
9. ___ Don't give me the cold shoulder.	I. I'm doing really well.
10. ___ That's a piece of cake.	J. I took more food than I can eat.
11. ___ I'm on top of the world.	K. That's easy.
12. ___ I have a green thumb.	L. Don't ignore me.

- C. Read the lessons 'Three Questions', 'The Fun they Had', 'Father's Help' and 'The Luncheon' and make 10 multiple choice questions from each lesson. (Do it in Literature notebook)
- D. Read the lesson 'Father's Help' and 'The Luncheon' and fill the following format after reading the story. (Do it in A4 Size sheet)



E. Rearrange the words to make a meaningful sentence: (To be done in Grammar notebook)

1. of lizard/a chameleon/ on trees/ on trees/ and bushes/is a kind/ that lives.
2. several/ Africa/ there are/ in / species of animals/ to be found.
3. Jiju was a /a circus/ the tigers/ to clean/ and had/ worker in / the cages of.
4. and plays the/ neighbor/ is a musician/ sitar all night/ our.
5. from/god / a/ precious/ life/ is /gift/ to /us.
6. thankful/ should/ be / we/ to / god/ for/it.
7. Your/a/is/like/personality/snapshot/of/signature.
8. Lot/reveals/a/it/and/nature/about/temperament/your.
9. Enormously/traits/it/your/represents/personality.

F. The following passage has not been edited. There is an error in each line. Write the incorrect word along with the correction in the space provided: (To be done in Grammar notebook)

	Incorrect Word	Correct Word
They reached the dam on nine	(a) _____	_____
in the morning. They stopping	(b) _____	_____
in the garden near a dam and	(c) _____	_____

left their food between a rest house. (d) _____

In the garden, there were several (e) _____

beehives. They had their tea or (f) _____

going to the dam. Suddenly, there (g) _____

was lightning and it began to rain heavily. (h) _____

G Fun with poetic devices (Do it in Literature notebook)

Simile or Metaphor?

Identify whether the figure of speech in each sentence is a simile or a metaphor.

Example: A beaming smile decorated Cynthia's face.

Metaphor

- 1) Solving the riddle was as easy as ABC.
- 2) The new show attracts people like bees to a honeypot.
- 3) During the weekend, the store was a zoo.
- 4) Mom is worried about Ethan; he is as thin as a rake.
- 5) Sophia feels her new school is a whole new ball game.
- 6) The restaurant had a rainbow of flavors for us to choose from.
- 7) Please leave the windows open; it's like an oven in this room.
- 8) Little Victor is the apple of everyone's eyes.
- 9) The character in the movie eats like a pig and sleeps like a log.
- 10) New York is a melting pot of various cultures.

डी.ए.वी. पब्लिक स्कूल श्रेष्ठ विहार

ग्रीष्मावकाश कार्य

कक्षा - ८

विषय - हिन्दी

1. पाठ - 6,7,8 से पाँच-पाँच वैकल्पिक प्रश्न बनाकर कक्षा कार्य पुस्तिका में लिखिए।
2. जून अंक की साहित्यिक पत्रिका (चंपक, नंदन इत्यादि) पढ़कर अपने विचार मित्र को पत्र के माध्यम से लिखिए।
3. यातायात के नियमों के पालन हेतु चित्र सहित 50 शब्दों में अपने विचार व्यक्त कीजिए।
4. निम्नलिखित विषय पर 100 शब्दों में अपने विचार व्यक्त करें-

विषय: लॉकडाउन में स्कूल

5. गतिविधि: 'भारत की सौर मेगा रसोई' की प्रासंगिकता पर एक रिपोर्ट।

A-4 sheets पर बनाइए।

मुख्य बिन्दु :

1. परिचय
2. योजना का प्रारूप (कार्य करने का तरीका)
3. विशेषता
4. ऊर्जा संसाधनों की बचत में योगदान

MATHS

1. Do Assignment on loose sheets.
2. Prepare a dictionary of minimum 5 key words (cw register) from each of the following chapters:
 - a. Square and Square roots
 - b. Cube and Cube roots
 - c. Direct and inverse variation
3. Prepare a PPT on any topic from your maths text book or a working maths model or a game on any mathematical concept either individually or in a group (of maximum 5 students).

Assignment

Q1 An industrial loom weaves 0.128 m of cloth every second. How many seconds will it take for the loom to weave 16m of cloth?

- | | |
|--------|--------|
| a) 200 | b) 125 |
| c) 145 | d) 80 |

Q2 A man Travels a certain distance by train in 4 hours and 12 minutes at the rate 44.8 kilometer per hour how much time will it take to cover the same distance if the speed of train is increased to 57.6 kilometer per hour?

- | | |
|-----------------|-----------------|
| a) 3 hrs 12 min | b) 3 hrs 24 min |
| c) 3 hrs 16 min | d) 3 hrs 20 min |

Q3 If a varies inversely as $b + 2$ and if $a = 8$ when $b = 1.5$, find a when $b = 5$?

- | | |
|-------------------|-------------------|
| a) $2\frac{2}{5}$ | b) $5\frac{3}{5}$ |
| c) 4 | d) $4\frac{2}{5}$ |

Q4 If three pieces of table cloth cost Rs.112.5 then the number of pieces of table cloth available for Rs. 487.5 is

- | | |
|-------|------|
| a) 11 | b)13 |
| c) 15 | d)17 |

Q5 $\frac{2707}{\sqrt{x}} = 27.07$, x equals to

- | | |
|---------|----------|
| a) 10 | b) 100 |
| c) 1000 | d) 10000 |

Q6 if $\sqrt{1 + \frac{x}{144}} = \frac{13}{12}$, then x is equal to

- a) 1 b) 12 c) 25 d) 15

Q7 $\sqrt{\frac{0.85 \times (0.105 + 0.024 - 0.08)}{0.022 \times 0.25 \times 1.7}}$ simplifies to

- a) $\sqrt{11}$ b) $\sqrt{1.1}$
c) 11 d) $\sqrt{0.11}$

Q8 $\frac{\sqrt[3]{0.512}}{x} = \sqrt[3]{1000000}$, then find the value of x

- a) 0.008 b) 800
c) 0.008 d) 8000

Q9 The edge of a cube is 4cm, so its volume is _____ cm^3

Q10 The volume of a cube is 8cm^3 , so its edge is _____cm long.

Q11 The edge of a cube is increased from X cm to 2X cm, so its volume increases from $X^3 \text{cm}^3$ to _____ cm^3

Q12 The cube of a negative integer is _____ (greater/smaller) than the integer.

Q13 Multiply 210125 by the smallest number so that the product is a perfect cube. Also find the cube root of the product.

Q14 What is the smallest number by which 8192 must be divided so that quotient is a perfect cube? Also, find the cube root of the quotient so obtained.

Q15 Three numbers are in the ratio 1:2:3. The sum of their cubes is 98784. Find the numbers

Q16 The volume of a cube is 9261000m^3 . Find the side of the cube.

Q17 Find square root of 1. $23\frac{394}{729}$ 2. 0.00053361

Q18 Find square root of 14400.

Q19 Find square root of $2\frac{1}{12}$ correct to 3 decimal places.

Q20 Find the least no. that must be added to 252 to make it a perfect sq.

Q21. Find the least no. that must be subtracted from 1989 to make it a perfect

square.

Q22 Find the length of largest side of square whose area is 441

Q23 Estimate square root nearest to a whole no. of 80

Q24 Find square root by prime factorization method

1) 4096 2) 24336

Q25 Find the smallest square no. (perfect sq.) which is divisible by each of 6, 9 and 15

Q26 Find the smallest no. by which 2925 must be divided so as to get a perfect sq. Also find the sq. root of the sq. no. so obtained.

Q27 Look at the digits in one's place and match the no. with its cube root:

- | | |
|------------|----------|
| (a) 12167 | (i) 44 |
| (b) 54872 | (ii) 57 |
| (c) 85184 | (iii) 38 |
| (d) 185193 | (iv) 23 |

SCIENCE

Biology

Task 1-Designing a flipbook

Make a flipbook to represent the different categories of microorganism discussed in the chapter "Microorganism -friends or foes".

Instructions to design flipbook –

- Number of pages 5-7.
- Cover all categories mentioned in the chapter.
- Use your creativity to design the book and try to be original.
- Focus more on concept and use basic material and stationery available at home. (No need to go out to buy any stationary material.)

Task 2 -Research work

Read about diseases caused by different microorganism and

- a) Find out whether they cause diseases in plants too.

b) Complete the table given below.

Name of disease	Causal organism	Mode of transmission
Jaundice		
Malaria		
Typhoid		
Dengue		

Task 3- Assignment

Revise the chapter Crop production and improvement and solve the assignment given below.

CHAPTER -CROP PRODUCTION AND IMPROVEMENT

Q1 Name the implement used for weeding.

Q2 Comment on the advantages of using manures over fertilizers.

Q3 Many implements are available which ease out the burden of the farmers. Justify the statement using one example?

Q4 Appropriate distance between the seeds is important in the field. Give reason.

Q5 Which bacteria is present in the nodules of roots of leguminous plant?

Q6 OBSERVATION BASED QUESTIONS.

Observe the photograph shown below and answer the following questions.

a) Name the agricultural implement shown below.

b) This implement is used for which agricultural practice?

c) Write the advantage of the implement.



Chemistry

Something to do:

Task 1:

- (a) Make a colorful poster of your pollution free surroundings.
- (b) Write an essay on the topic lockdown and its effect on pollution.

Task 2:

- (a) Read the chapters sources of energy and combustion and prepare 5 MCQs from each chapter
- (b) Prepare a crossword puzzle (5 across, 5 downwards) from these chapters using scientific terms.
- (c) Read the chapters combustion, sources of energy and pollution of air and prepare a dictionary of difficult words. (5 from each chapter.)

ASSIGNMENT

- 1) What is the cause for starting of melting of Gangotri glacier? Explain the phenomenon.
- 2) Which health problems arise by air pollution?

- 3) Name main air polluting gases and write their effect on plants and humans.
- 4) Your car is parked in sunlight. When you enter it, at that time what will you experience and why?
- 5) What are the impacts of global warming on the earth?
- 6) Which phenomenon is responsible for the yellowing of Taj mahal? Does it affect only old monuments? What are the remedies for this?

PHYSICS

Q1. Read all chapters of Term-1 and underline difficult words. Also write important definitions in notes copy.

Q2. Activity time

Do activity 10 of chapter-4, Force and Pressure. Answer following questions:

- A) Why does the plastic bottle get deformed?
- B) Was the vapour pressure more or less inside than atmospheric pressure as you emptied the plastic bottle?
- C) What would have happened if you poured cold water in it? Do it and write your observation. Justify your observation

Q3 Assignment:

- a) If a man stands on chair, chances of breaking it are more than when he sits on it. Explain why?
- b) Why does nose of mountaineer bleed at higher altitude?
- c) Why does an astronaut wear a special type of suit?
- d) The pressure due to atmosphere is quite high. Why are we not crushed then?
- e) What makes a moving ball come to rest even if we don't apply a force.
- f) What makes a coaster placed over the rim of a glass of water stick even when you invert it?
- g) How is the pressure in a liquid related to the depth?
- h) Why can camels walk on sand easily?
- i) Why are railway tracks mounted on sleepers?
- j) Show through an activity that liquid at given depth exerts equal pressure in all directions.

Note: All physics Holiday homework to be done in Notes copy

Term-1 Chapters of physics

- 1- Force and Pressure, Friction, Earthquakes, Electric current and its chemical effects

(SOCIAL-SCIENCE)

- I. Revise the chapters done so far and underline the difficult words and **Prepare a Glossary** for these chapters in your notebook
- II. Prepare **objective type question** of the chapters mentioned below:
History: Ch 8 Modern Period
Ch 9 Establishment of Company Rule
Pol. Science: Ch-16 Our Constitution
Ch- 17 Fundamental Rights, Fundamental Duties & Directive Principles of State Policy
Geography: Ch 1 Resource: Utilization & Resources
Ch 2 Natural Resources: Land, Soil land Water

NOTE: Objective type Questions must cover all these types of question

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

These Objective Type questions should be typed on Ms Word and a print out to be neatly pasted in notebook. (Both Hard & Soft copy will be assessed)

III **Prepare foldables** on The First War of Independence -1857 under the following headings-

- Leaders
- Events
- Map -course of the Revolt OF 1857 (Ch-11 The First War of Independence-1857 for reference)
- **Prepare Wall Hanging** on Social Reformers in India. (Ch- 12 Impact of British Rule on India for reference)

NOTE: Class wise distribution VIII A, B and C will prepare **Foldables**.

VIII D, E AND F will prepare **Wall hangings**

Whole work will be graded for the internal assessment.

विषय – संस्कृत

पाठ - 1, 2 याद करें ।

व्याकरण - भू (भव्), स्था (तिष्ठ्), अस् धातु रूप पांचों लकारों में लिखिए और याद कीजिए ।

नदी, अस्मद् (तत् और किम् शब्द रूप तीनों लिंगों में) लिखिए और याद कीजिए ।

पृष्ठ संख्या 136 से 142 तक अपठित गद्यांशों को पूरा करें ।

पृष्ठ संख्या 151 से 156 तक दिए गए चित्रों को देखकर मंजूषा की सहायता से संस्कृत में वाक्य लिखिए ।

नैतिक शिक्षा

श्रीमद्भगवत गीता पुस्तक से अपनी पसंद के 10 श्लोक और उनका अर्थ नैतिक शिक्षा की पुस्तिका(Notebook) पर सुंदरता से लिखें ।

FRENCH

Make picture dictionary of 10 prepositions,10 adjectives,10 pronominal verbs by pasting small sized photos in your French notebook.

COMPUTER

Choose any one of the following tasks:

Digital Storytelling on Virtual Learning

Create a video/animation sharing your views on Virtual Learning Classroom, using narration and stills and videos of your virtual classes via Teams.

Time Limit : 2-3 Minutes

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

Submission : All the videos have to be submitted via Flipgrid (Link for the Classwise FlipGrids for submission will be shared)

Digital Brochure on Life Style after COVID 19

Create a brochure sharing your own views on Life Style after COVID 19.

No. of Pages : 4

App(s) : Adobe Spark Post, Canva or any other relevant one

Submission : All the brochures have to be submitted in pdf (Link for One Drive Folder for submission will be shared)

INTERDISCIPLINARY PROJECT

ENGLISH

Write a conversation between natural and man-made sources of energy such as Sun, Water, Wind, Coal etc. highlighting their uses for mankind and benefits for the environment.

Mention the problem of exploitation of such resources by human beings and ways to combat it. (Try to involve at least 3 characters in the conversation)

(Do it on A4 size sheet)

MATHS

In an endeavour to keep our planet healthy, India has made a target to install 40% of power generation capacity on clean sources by 2030, thus India will become one of the largest green energy producers in the world.

Prepare a bar graph showing share of thermal, nuclear, hydro and renewable sources of energy installed till 2019 in India.

(Round off the data to nearest whole number for plotting)

SCIENCE

prepare a report on:

What are cleaner fuels?

By 2030 India will be producing 30% of renewable energy.

Enlist the ways it will help the environment.

SOCIAL SCIENCE

Topic: Energy Resource

Prepare a **creative Flash Cards** by using your aesthetic skills on any one energy resource (Natural or Man- Made) with its productive uses. (Refer to Ch 4 Mineral & Energy Resources)

संस्कृत- गतिविधि:

भारत के सौर ऊर्जा संसाधनों (उपकरणों) से संबंधित पांच चित्र बना कर या लगाकर उनके नाम संस्कृत में लिखिए।(A-4 सीट पर बनाइए)

नैतिक शिक्षा

विषय:- ऊर्जा संसाधन

A4 size शीट पर निम्नलिखित गतिविधियों को उल्लेखित करें -

1. रंगीन कागज से टुकड़ों को काटें तथा चिपकाएं और उगता हुआ सूरज बनाएं ।
2. सूर्य के दस पर्यायवाची नाम शब्दकोश की सहायता से लिखें ।
3. सूर्य से हमारे जीवन पर पड़ने वाले पांच प्रभाव या विशेषताएं बताएं ।