

## DAV PUBLIC SCHOOL , SRESHTHA VIHAR

### HOLIDAYS HOMEWORK CLASS : VII (2021-22)

#### ENGLISH :

1. Reader unit 1 and 2 to be attempted in the book.
2. Read chapters Monkey trouble, A Hero and Fight, Manju, Fight!  
Find out 7-10 difficult words with their meanings from each chapter and prepare a glossary to be done in English notebook.
3. Write 30 pages of Cursive handwriting in your English notebook.
4. Conduct a survey among your family members/relatives/ friends over the phone about how the frontline warriors have been dedicating themselves to the service of people, putting their life at stake during the pandemic. Also prepare a Thank you card for these warriors.

#### हिंदी

:-

1. 'बारहमासा 'कविता के आधार पर यह बताइए कि“ प्राकृतिक असंतुलन मनुष्य की ही देन है "इस विषय पर दो मित्रों के बीच बातचीत को संवाद के रूप में लिखिए।
- 2.'निर्मला सांप और सयाल' कहानी को पढ़कर आप भी अपने जीवन की साहसपूर्ण घटना डायरी शैली में लिखिए।
- 3.परियोजना कार्य' –समय 'कविता के आधार पर “ समय *जीवन का अनमोल रत्न है।* “इस विषय पर अपनी दैनिक दिनचर्या को पीपीटी के माध्यम से प्रस्तुत कीजिए।
- 4.ज्ञान सागर के पाठ 1 से 5 तक पढ़कर कठिन शब्दों के अर्थ लिखिए।
5. अभ्यास सागर पाठ 1 से 4 तक पूरा कीजिए।

नोट – प्रत्येक कार्य हिंदी कक्षा कार्य कॉपी में ही करना है।

**MATHEMATICS :**

1. Prepare glossary(or key points) from the following chapters and write their meanings/definitions in your fair notebook

- Ch-2 operations on rational no.s
- Ch-3 rational no. as decimals
- Ch-4 Exponents and powers
- Ch-8 Triangle and its properties

2. Do the following enrichment activities in your activity file/notebook

- Prepare a foldable of key points of Ch-1 rational no.s
- State and prove Exterior angle property of a triangle by cut and paste activity  
[https://youtu.be/APX7sh7\\_PcU](https://youtu.be/APX7sh7_PcU)
- Do the following activities of symmetry
  - a) Ink dot design
  - b) paper cut design
  - c) punch hole pattern(refer page no.243 of Ch symmetry in secondary mathematics)

**SCIENCE :**

**PHYSICS AND CHEMISTRY :**

**1)Something to do**

Take some moderately hot water in a tumbler. Dip one end of a steel spoon, a plastic straw/spoon, a wooden stick and a copper wire in hot water. Wait for few minutes (2-3 minutes). Touch the other end of each item. Observe which one becomes hot and which one does not. Categorize the following as heat conductors or heat insulators

Heat insulators	Heat conductors

## **2)Read**

chapter 3 chemical substances and processes

Chapter 5 heat

Underline the words in the text book and write the meanings only in classwork copy

## **3)Answer the following questions**

Q1. Name the different types of motions.

Q2. Which type of motion occur in

(I) Fan

(II) Pendulum of wall clock

(III) Needles of wall clock

(IV) Motion of a swing

(V) Motion of a lift

## **Biology**

### **1.Activity-**

Collect information about a parasitic plant , a saprophytic plant and an insectivorous plant .

Name the plant selected by you.

Describe the living conditions ( habitat) of the plant and how will those conditions help in its nutrition.

Note down their characteristics and differences and tabulate them.

### **2. Read ----**

Chapter : Nutrition in Living Organisms – Animals and Man and Respiration in living organisms .

Prepare a crossword using scientific terms.

Also write five difficult terms from each chapter along with their meanings.

### 3. Answer the following questions

a)Upper and lower surface of some leaves in a potted plant are covered with vaseline. It is observed that these leaves becomes yellow and fall off after some days. Why does this happen?

b)Draw a neat and well labelled diagram of stomata.

c) You must have observed white cottony growth on leather articles and on stale bread in humid weather and greenish blue patches on rotting fruits.

d) Identify the organism responsible for the given phenomenon and explain its mode of nutrition.

e)Name the following-

i)A parasitic plant with yellow , slender and tubular stem.

\_\_\_\_\_

ii) Tiny pores on the surface of the leaves \_\_\_\_\_.

iii)Bacteria fixing atmospheric nitrogen \_\_\_\_\_.

f)Some plants have leaves that are not green in colour . Do such plants perform photosynthesis? Explain.

g)How do water and minerals present in the soil get absorbed ?

h )Define photosynthesis. Write the equation for photosynthesis.

i)Briefly describe autotrophic and heterotrophic mode of nutrition.

j)Distinguish between a parasite and a saprotroph.

## **SOCIAL SCIENCE**

### **(I)GLOSSARY WORK :**

Underline the difficult words in the text book of the first term chapters and write their meanings in the text book itself .

### **(II)GROUP ACTIVITY:**

**Prepare Objective type questions of the first term chapters mentioned 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 questions .

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

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

### **First Term chapters :**

GEOGRAPHY	HISTORY	POLITICAL SCIENCE
Ch-1 , Components of Environment	Ch – 10 , The Rise of Small Kingdoms in North India	Ch – 18 ,Democracy and Equality
Ch – 2 , The Earth and the Changes on it	Ch - 11 , The Rise of Small Kingdoms in South India	Ch – 23 , Markets Around Us
Ch – 3 , The Surface and Interior of the Earth	Ch – 12 , Turkish Invasion in North India	

Ch – 4 , Air Around Us	Ch – 13 , Delhi Sultanate	
	<b>( NOTE : CH-9 , Medieval Period is a project based chapter .)</b>	<b>( NOTE : CH – 20 , Media – The Mainstay of Democracy is a project based chapter .)</b>

**(III) INDIVIDUAL ACTIVITY : ( ART INTEGRATED LEARNING )**

- (a) Prepare a digital collage of the monuments , temples , forts , palaces ( archaeological source) built during the Medieval Period .
- (b) Draw an advertisement on A4 size sheet depicting “ Social media is a curse or a blessing during Covid -19 .”

**LEARNING OUTCOME :**

The Students will be able to

Appreciate the heritage of India

Learn to preserve the heritage for the future generation .

Analyse the importance of media in a democratic form of government

**संस्कृत :**

1. पाठ 1-5 तक के कठिन शब्दों को पुस्तक में रेखांकित करके कॉपी में लिखिए।
2. बालक ,रमा,फल, अस्मद् (तत् ,किम् ) तीनों लिंगों में लिखिए।

3.पठ् , गम्,स्था , नम्, भू, अस् और कृ धातु रूप लट् लृट् और लङ् लकार में लिखिए।

4.**Project(Art Interested Learning)** संतुलित भोजनम् विषय पर (**Head gear or Wall hanging**) बनाइए।(पाठ-आगच्छ भोजनम् कुर्याम)

5.**(Experiential learning Activity)** किसी भी सुन्दर आकृति को बनाकर संस्कृत के चार श्लोक लिखिए।(पाठ- सुवचनानि)

### नैतिक शिक्षा

1 उगते सूरज के बीच में ॐ बनाएं और ईशस्तुति कविता को सुंदरता से लिखें।

2 धर्म के दस लक्षण-

धृति, क्षमा, दमः,अस्तेयम्, शौचम्, इंद्रिय-निग्रह, धीः, विद्या, सत्यम्, अक्रोधः

इन शब्दों को दस शाखाओं वाले पेड़, गुब्बारे, रेल या अन्य किसी आकार/चित्र के साथ लिख सकते हैं।

3 पाठ-3 आर्य समाज के नियम संख्या 3,4,5,6 को भी किसी चित्र या आकार में ढालकर लिखें।

4 पाठ-1,2,3,6,8 को पढ़ें और पाठ- 3,6,8 में आए 15-15 कठिन शब्दों के अर्थ शब्दकोश की सहायता से नैतिक शिक्षा की Copy में लिखें।

(नोट- इन सभी गतिविधियों का एक pdf बनाएं)

**INTERDISCIPLINARY PROJECT**

**Topic : “ Media sets an agenda . ”**

**LEARNING OUTCOMES :**

The students will be able to

Understand the importance of mass media in their day to day life .

Develop their interpersonal and communication skills .

Enhance their practice based learning

**ENGLISH :**

Imagine yourself as a news channel anchor. Realising the fact that your words influence people greatly, prepare a short video clip ( 1 minute) encouraging them to follow the Pandemic protocols and emphasizing to have a positive mindset. Submission through FLIPGRID. CODE: **fb742a6e**



<https://flipgrid.com/fb742a6e>



## हिंदी

-

'कोरोना महामारी की रोकथाम में समाचार संस्थाओं की भूमिका' पर अपने विचार 100 से 200 शब्दों में लेख के रूप में दिए गए बिंदुओं को आधार बनाकर प्रस्तुत कीजिए -

- कोरोना की जानकारी
- कोरोना से संबंधित सही बुलेटिन का प्रसारण
- अपना बचाव कैसे करें
- मीडिया द्वारा संचालित प्रेरणादायक किस्से ( कोरोना योद्धा)

- नोट )प्रत्येक कार्य हिंदी कक्षा कार्य कॉपी में ही करना है। (

## **MATHEMATICS (To be done in activity file/ fair note book)**

Media is playing a very important role in this ongoing situation of pandemic from spreading awareness ,providing information on immediate facilities, to updating daily statistics .

- Collect statistics of covid 19 available in newspaper and magazines and paste them in your act file /notebook ,mention the information depicted in each stats.(Paste atleast 5 cuttings)
- Prepare 2 separate bar graphs, one depicting no. of covid cases registered in India in a week and another depicting no. of cases recovered in the same week (mention the dates).

## **SCIENCE ( Based on Chemistry and Physics ) :**

- We are surrounded by information in our day to day lives and that is where media comes in, mainly print electronic and outdoor. Infotainment has changed our way of thinking and lifestyle.

- Take pictures of different objects exhibiting different types of motions from print media like old magazines/newspapers/books etc. Label the types of motion in each case and make a collage titled “A moment of movement”.

( NOTE : DO IT ON A-4 SIZE SHEET / C.W. NOTE BOOK )

### **SOCIAL SCIENCE :**

(a) Represent yourself as a Journalist of a newspaper or an anchor of a news channel and record a video of 2-3 minutes on :

“ The Mass Media , a powerful tool to halt the spread of disease during pandemic . “ ( Refer Ch- 20 , Media – The Mainstay of Democracy )

### • **SANSKRIT :**

**Covid -19** को रोकने में अपनी भूमिका निभाने वाले मुख्य चार चैनलों के **Reporters** के नाम संस्कृत में लिखिए और उनके चैनल के चित्र भी लगाइए।

### **COMPUTERS (ICT)**

Explore following software at home to learn how to :

- Unleash your creativity and bring your ideas to life with **Paint 3D**.
- Create visually striking presentation with **Sway**.
- Build, share and play games with **Kodu**.
- Create interactive multiplayer games with **Minecraft**.

Suggestive topics :

- Role of AI in tackling COVID 19 Pandemic.
- Smart City: More Livable Future!
- Technology changes the World
- E-Learning: Future of education?

Explore the given links to learn coding in an easy way:

<https://hourofcode.com/flap>

<https://hourofcode.com/grinch>

<https://hourofcode.com/inf>

<https://thestempedia.com/project/>