

## ACTIVE ENGAGEMENT OF STUDENTS IN DIFFICULT TIMES

DEAR PARENTS,

In the difficult times of COVID-19 outbreak which demands immediate protection and hygiene, the school remains closed for the students as a precautionary measure. To keep the children actively engaged, we have designed assignments/ worksheets enabling them to utilize their time effectively and judiciously. We request you to kindly ensure that the students complete the assignments for their fruitful engagement.

We also request you to kindly abide by the guidelines issued by the government on COVID-19 to stay safe and healthy.

# english

Q1) Write one article on any of the following topics which may be published in Annual School magazine.

- Article Writing ( Scientific / factual / descriptive / literary)
- Self composed poem.

Q2) Look at the following travelogue and prepare the same for the place that you have recently visited.



Your travelogue should include the following points:

- Places for sightseeing
- Key features of the place
- Your experience while visiting the place
- Pictures capturing the moments

Q3) Read the novel 'Around the world in 80 days', prescribed in your course.  
Create a booklet for the novel on A4 size sheets.  
Include the following in the booklet:-

- Use your imagination and creativity to design an interesting cover page.
- Write the character sketches of the main characters in 60-80 words.
- Find 10 new words and their meanings from the book.

Q4) Search for 20 Idioms or Phrases. Write their meaning along with sentences.

(Work should be done on A-4 size sheets-folder)

### HINDI

1 दिए गए पुस्तकों को पढ़कर उनकी समीक्षा लिखें

1-5	प्रेमचंद।	निर्मला
6-11	महादेवी।	मेरा परिवार
12-18	जयशंकर प्रसाद	तितली
19- 24	महादेवी वर्मा।	मेरा परिवार
25-31	मन्नू भंडारी	यही सच है
32- 40	हरिवंशराय बच्चन	क्या भूलू क्या याद करू

2. समाचार पत्र पढ़कर एक सप्ताह के समाचार पत्र में से मुहावरों का छाँटकर लिखिये और वाक्य बनाइये।

3दादी माँ पाठ को पढ़कर अपने दादा या दादी दादी नाना या नानी के साथ अपने अनुभवों को A -शीट पर लिखिए ।

4संज्ञा ,सर्वनाम, विशेषण को पढ़कर व्याकरण पुस्तक में दिया गया अभ्यास कार्य कीजिए।

5 वर्तमान समय में नदियों की स्थिति को बताने के लिए उनकी स्वच्छता के बारे में बताते बताते हुए एक परियोजना कार्य तैयार कीजिए ।

6 मिठाई वाला पाठ पढ़कर प्रश्नों के उत्तर लिखे।

7 व्याकरण पुस्तक से 30 मुहावरे अर्थ सहित याद कीजिये।

8 व्याकरण पुस्तक से 30 याद कीजिये।

9 व्याकरण पुस्तक से 20 वाक्यांश के लिए एक शब्द याद कीजिये।

## SCIENCE

Read first chapter from science NCERT book and solve the following assignment

### Chapter -1 Nutrition in plants

#### A. Fill in the blanks:

1. In 'photosynthesis', \_\_\_\_\_ means light and \_\_\_\_\_ means putting together.
2. The process of photosynthesis is summarized as: Carbon dioxide + \_\_\_\_\_ in the presence of \_\_\_\_\_ and \_\_\_\_\_ and gives out \_\_\_\_\_.
3. In most plants \_\_\_\_\_ is converted into \_\_\_\_\_ and stored in \_\_\_\_\_, \_\_\_\_\_ and roots.
4. Most \_\_\_\_\_ and \_\_\_\_\_ get their food from dead and decaying plants and animals. They are called \_\_\_\_\_.
5. In some cases two organisms that live together help each other. They are called \_\_\_\_\_. The relationship between these two organisms is called \_\_\_\_\_.
6. Green plants are called ..... since they synthesise their own food.
7. The food synthesised by the plants is stored as.....
8. In photosynthesis solar energy is captured by the pigment called.....
9. During photosynthesis plants take in ..... and release.....
10. In most of green plants, photosynthesis takes place in the.....

#### B. Multiple choice questions

1. Amarbel is an example of –  
a- Autotroph    b- Parasite    c- Heterotroph    d- Host
2. The plant which traps a feed on insects is-  
a- Cuscuta    b- Rose    c- Pitcher plant    d- sunflower
3. Which of these components of food can be synthesized by plants-?  
a- carbohydrate    b- Fats    c- Proteins    d- All of these
4. Which of these is/are necessary for photosynthesis to takes place-?  
a- Carbon dioxide    b- Chlorophyll    c- Water    d- All of these
5. The trapped insect gets entangled in the hair in-  
a- Green plant    b- Insectivorous plants    c- Grass    d- None of these

#### C. Answer the following questions:

1. Why are green plants called autotrophs?
2. What are insectivorous plants?
3. Name any two non-green plants.

4. How is an autotroph different from heterotroph ?
5. Why are manures and fertilizers added to the soil in a farm?
6. The pitcher plant and Venus flytrap are green plants that can do photosynthesis. Why do they need to feed on insects?
7. Why is nitrogenous fertilizer not added to soil in which leguminous plants are grown?
8. What are stomata? Where they are normally found?
9. Differentiate between saprotrophs and parasites.
10. Draw a labeled diagram showing the process of photosynthesis. Also write chemical equation for photosynthesis.

**D. Write following activities in your science practical file:**

1. To study the distinguishing characteristics of various types of fibres. (Activity 5)
2. To study the life cycle of a silk moth. (Activity 6)
3. To study the effect of acid and base on indicators (Activity 11)
4. To identify whether the given sample is an acid or base. (Activity13)
5. To demonstrate neutralization reaction. (Activity 14)
6. To study the process of displacement of copper from CuSO<sub>4</sub> solution. (Activity 15)
7. To study the motion of a simple pendulum and calculate its time period. (Activity 27)

## **SOCIAL SCIENCE**

**History : Role Play- CHARACTERS FOR ROLE PLAY**

- |                       |               |
|-----------------------|---------------|
| 1. Prithviraj Chauhan | Roll no 1-5   |
| 2. Razia Sultan       | Roll no 6-10  |
| 3. Alauddin Khalji    | Roll no 11-15 |
| 4. Muhhammad Tughlaq  | Roll no 16-20 |
| 5. Babur              | Roll no 21-25 |
| 6. Akbar              | Roll no 26-30 |
| 7. Shah Jahan         | Roll no 31-35 |
| 8. Rana Sanga         | Roll no 36-41 |

Write dialogues to bring out his/ her contribution to history. Highlight trivia, interesting facts, timeline and life history of the historian.

**Civics :** Prepare an Advertisement on any one of the following Social Issues : Literacy, Equality, Health and Hygiene, Child Labour, Saving Resources

**Geography :** Project: Based on geography L- 8,9

To collect information on : location/Climate/Flora/Fauna/Life of People for each of the following category :

Roll no. 1 to 10 : Amazon basin

Roll no. 11 to 20 : Ganga Brahmaputra basin

Roll no. 21 to 30 : Prairies  
Roll no. 31 to 41 : Velds

## **MATHS**

#### Q1. Maths in Social science

Integers are used in several ways in Geography. We use integers to differentiate between the heights above sea level and below sea level. The height above sea level is represented by positive integer and the height below sea level is represented by negative integer. Find the highest and lowest elevation point on the land on earth. Also find the difference between the two elevations.

Q2. Indira went to Lachung, North Sikkim, for a holiday with her parents. She found that at the sunrise, the outside temperature was  $1^{\circ}\text{C}$  below zero. By lunch time, the temperature rose by  $10^{\circ}\text{C}$  and then fell by  $4^{\circ}\text{C}$  by night. What was the temperature at the end of the day?

Q3. a) Try Exercise 1.1, 1.2 and 2.1 from N.C.E.R.T

b) Project – To prepare 3 dimensional solid of cube/cuboid, cone, cylinder, pyramid, prism

c) Draw the shapes of following 3d objects and write their faces vertices and edges:

- i) Cube
- ii) Cuboid
- iii) Cylinder
- iv) Cone
- v) triangular pyramid
- vi) square pyramid

d) Draw line of symmetry of following 2d shapes

- i) scalene triangle
- ii) isosceles triangle
- iii) equilateral triangle
- iv) rectangle
- v) parallelogram
- vi) square
- vii) quadrilateral
- viii) regular pentagon
- ix) regular hexagon

Q4. A) Make poster on

- i) Mathematician (roll no. 1 to 10)
- ii) History of mathematics (roll no 11 to 20)
- iii) Uses of maths in daily life ( roll no. 21 to 30)

B) Write mathematical quotes on chart paper stripes (take approximate width 6cm)  
roll no 31 to 40)

Note- innovative ideas will be rewarded.

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Q5. Make a beautiful collage on the topic " USE OF FRACTIONS IN DAILY LIFE" on an A-3 size coloured sheet.

Q6. Who am I?

1. I am a reciprocal of  $3 \times 5 \frac{4}{7}$ .
2. I am the perimeter of a regular hexagon whose each side is of length  $2 \frac{1}{9}$  m.
3. I am the difference of  $2 \frac{3}{7}$  and  $1 \frac{1}{14}$ .
4. I am  $\frac{5}{12}$  of an hour.
5. I am an equivalent fraction of  $\frac{18}{23}$  and my numerator is 126.

## FRENCH

1. Decrivez votre Famille (Describe your family) using adjectives and paste the pictures (in 15 lines).
2. Decrivez une personalite. (Describe a personality) you idealize using adjectives and paste the pictures (15 lines).
3. Write 15 -er ending verbs ,write their meaning and make a sentence with each verb.
4. Make a collage of famous things of France.

Note: All the work should be done on A4 size sheet and make a creative cover page.

## SANSKRIT

निर्देश-

- 1) एक लघु टिप्पणी पुस्तिका में संपूर्ण कार्य करें ।
- 2)कार्य निर्देशों के अनुसार होना चाहिए।
- 3) लेख साफ सुंदर और पठनीय होना चाहिए ।

- 📌 पाठ्यपुस्तक के शब्दकोश को अकारादि- क्रम से लगाएं ।
  - 📌 अव्यय शब्दों की सहायता से 20वाक्यों की रचना करें ।
  - 📌 अपना परिचय संस्कृत भाषा में लिखें।
  - 📌 लङ्लकार की क्रियाओं से 20 वाक्यों की रचना करें।
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Class VII

- 1) Create a PowerPoint presentation on the topic " Operating system and its types" and mail to: [crpfcomputer.project@gmail.com](mailto:crpfcomputer.project@gmail.com)
- 2) Create a spreadsheet on fruits and vegetable budget as shown below and calculate the total amount .

Fruits and vegetable budget				
S.N O	ITEM NAM E	QTY(K G)	RAT E	AMOU NT
1				
2				
3				
4				
5				
6				
		TOTAL AMOU NT =		

3)

The following table shows food items with their respective calories. Design a meal consisting of 3 food items (1 item from each category). You have to ensure that the meal menu does not add up to more than 700 calories. Show two such meal menus.

Food Item		Food Calories
<b>Vegetables (per 100 gms)</b>		
	Cabbage	45
	Carrot	48
	Cauliflower	30
	Cucumber	12
	Peas	93
	Potato (Fried)	450
<b>Fast Food</b>		
	Cheese burger (1)	610
	Fries (regular)	360
<b>Fruits</b>		
	Apple	56
	Banana	153
	Guava	66
	Papaya	32

Example :

Cabbage : 45  
 Fries : 360  
 Banana : 153  
**Total 558 < 700**

Meal 1:

.....
.....
.....
<b>Total</b> .....

Meal 2:

.....
.....
<b>Total</b> _____