



SESSION-2020-2021

**LEARNING IS MORE EFFECTIVE WHEN IT IS ACTIVE
RATHER THAN A PASSIVE PROCESS.**



SUMMER VACATION HOMEWORK CLASS VI



English

Solve the exercises of chapters -5,9 31,32 in your English Language book(Essentials of English Grammar).

1. Learn the questions and answers of the chapter taught in English Literature and practice all the exercises of English Grammar.

History/ Civics

History learn chapter 1,2

Civics learn chapter 1,2

Complete your work in the notebook

Activity- Make a chart on Diversity of India (food ,dress, religion ,dance, festival) any one

GEOGRAPHY

Read Ls. 1 & 2. Learn the question/answers of Ls. 1. Practice the diagrams of Solar System, Phases of the moon, cardinal points of compass & the four intermediary directions and conventional symbols.

संस्कृत

- (1) कक्षा में कराया गया समस्त कार्य लिखकर अभ्यास करो।
- (2) संस्कृत व्याकरण- संख्या वाची शब्द(1 से 15) शब्द रूप-बालक,सर्वनाम के रूप, धातु के रूप- पठ गम लिख(लट् एवं लृट् लेकर), कारक के चिन्ह
- (3) वंदना याद करो
- (4) प्रतिदिन कठिन शब्दों का अभ्यास करो।

महर्षि पतंजलि विद्या मंदिर

ग्रीष्म कालीन कार्यो

हिंदी

- (1) कक्षा में कराए गए सभी कार्यो को लिखकर अच्छी तरह याद कराए। निरोगी
- (2) राम कराए- अयोध्या में राम और जंगल से जनकपुर पाठ के प्रश्न उत्तर अच्छी तरह याद करिए।
- (3) हिंदी भाषा- (i)पर्यायवाची:अंधेरा से लेकर जंगल तक(1 से 22 तक)
(ii) विलोम शब्द-ज्ञान से लेकर प्राचीन तक(1 से 30तक)
(iii) अनेक शब्दों के लिए गए शब्द-1 से 15 तक
- (4) एक अनुच्छेद लिखो-
 - दिन प्रतिदिन बढ़ता हुआ प्रदूषण (Page No: 174 व्याकरण पुस्तक)
 - पहला सुख काया (Page No: 173 व्याकरण पुस्तक)
- (5) जीवन कविता याद करो(Activity)

Computer

1. To practice the flowcharts given in eg and exercise.
2. To read Project work of page 51 and draw in copy or make on computer Presentation with 5 slides on the topic 'Diversity of India' . Draw/paste/insert relevant pictures in the slide.

Computer HHW :

1. to practice the flowcharts given in eg and exercise.
2. To read Project work of page 51 and draw in copy or make on computer Presentation with 5 slides on the topic 'Diversity of India' . Draw/paste/insert relevant pictures in the slide.

SCIENCE

BIOLOGY/CHEMISTRY

- 1.Read chapter 1,2,3 and 4 .Learn Knowledge desk & New words of these chapters.
- 2.Learn Question /Answers and exercises of the chapter 1,2,3 and 4
- 3.Activity :-

Prepare a diet chart by collecting information about what your family members eat at different times of the day. (Mention their name, age and food items eaten- in breakfast, lunch and dinner. Also paste their passport size photo)
- 4.Sprouts presentation : prepare sprouts and click the picture of it.
- 5.Write the answers of the questions given in the PDF in a thin copy.(Make a thin copy from pages of previous year's copy).

Sources of food

1. Why do boiled seeds fail to sprout?
2. List two of your favourite food items and mention their ingredients.

3. How do bees manufacture honey? What is the need of the storage of honey in beehives?
4. Suggest some common ways to avoid food wastage.
5. You are the manager of the restaurant, make a list of food items you would serve in dinner.

Components of food

1. Unscramble the following words related to components of food and write them in the space provided.

(a)	reinpot	_____
(b)	menliars	_____
(c)	tivanmi	_____
(d)	bocatradhyer	_____
(e)	nitesturn	_____
(f)	tfa	_____

1. Tasty food is not always nutritious and nutritious food may not always be tasty to eat. Comment with examples.
2. Tina avoids eating vegetables but likes to eat biscuits, noodles and white bread. She frequently complains of stomach ache and constipation. What are the food items that she should include in her diet to get rid of the problem? Give reason for your answer.
3. Ram was having difficulty in seeing things in dim light. The doctor tested his eyesight and prescribed a particular vitamin supplement. He also advised him to include a few food items in his diet.
 - (a) Which deficiency disease is he suffering from?
 - (b) Which food component may be lacking in his diet?
 - (c) Suggest some food items that he should include in his diet. (any four).
5. Gather information about countries facing pandemic, Covid19, its causes and effects through newspapers, magazines and internet. Write what food should be eat and what measures should we follow to prevent us from infection.

Fibre to fabric

1. Fill in the blanks to complete the life story of cotton fibre.

My parents, cotton plants were grown in _____ soil and _____ - climate. The plants bore fruits called _____. I, the cotton fibre was separated from seeds in the cotton bolls by the process of _____. Other cotton fibres and myself were made into yarn by the process of _____. The yarn was _____ to give beautiful colours and then _____ to get cotton fabric.

2. Match the terms given in Column I with the statements given in Column II.

Column I	Column II
(a) Weaving	(i) A single yarn used to make a fabric
(b) Knitting	(ii) Combing of cotton fibres to remove seeds
(c) Spinning	(iii) Yarns are made from these thin strands
(d) Ginning	(iv) These are spun from fibres and then used to make fabrics
(e) Fibre	(v) Process of arranging two sets of yarns together to make a fabric
(f) Yarn	(vi) Process of making yarn from fibres

3. You are given two kinds of fabrics. How do you identify the synthetic as well as natural fabric in it?
2. Your father purchase a woollen sweater to you. It is labelled as 'pure wool'. How do you check its purity.
3. Name the clothes which are used as an unstitched piece of fabric even now.

Kinds of material

1. During summer holidays, a group of children collected a lump of salt, green grass, broken glass piece, a small thermocol box, pen, iron nail, glass marbles, hair, naphthalene ball, a piece of sugar candy (mishri) and tried to group them on the basis of properties given in Table 4.1 below. Help them in filling the Table.

Table 4.1

Name of the material	Appearance (Hard/Soft)	Transparency (Transparent/Translucent/Opaque)	Floats/Sinks in water	Soluble/ Insoluble in water

2 Why do you think oxygen dissolved in water is important for the survival of aquatic animals and plants?

3. A shopkeeper keeps similar types of materials at one place. Why?

4. Why oil and water does not mix?
5. Why some metallic objects loose their shine and appears dull?

PHYSICS

1. Read chapter 11 and 12. Learn Knowledge desk & New words of these chapters.
2. Learn Question / Answers and exercises of the chapter 11.
3. Activity : Find out the information about the modes of transportation used in olden times and compare them with the present day modes of transportation. (Write this on a sheet of paper, you can also draw the diagrams of the means of transportation.)

MATHS

General Instruction: - Do all this work in your class work copy.

Activity: - Draw the lines of symmetry of the following figures (One figure)

1. Symmetry in Alphabets, 2. Symmetry in Plane figures
3. Symmetry in nature
4. Symmetry in Road Signs 5. Symmetry in Rangoli Patterns

Worksheet

1. Which of the following numbers is divisible by 3?
(a) 24357806 (b) 35769812 (c) 83479560 (d) 3336433
2. Which of the following is prime number?
(a) 117 (b) 171 (c) 179 (d) None of these
3. Which of the following are co- prime numbers?
(a) 8, 12 (b) 9, 10 (c) 6, 8 (d) None of these
4. The HCF of 144, 180 and 192 is
(a) 12 (b) 16 (c) 18 (d) 8
5. $\frac{289}{391}$ when reduced to the lowest terms is

(a) $\frac{11}{23}$

(b) $\frac{13}{31}$

(c) $\frac{17}{31}$

(d) $\frac{17}{23}$

6. The greatest number which divides 134 and 167 leaving 2 as remainder in each case is

(a) 14

(b) 17

(c) 19

(d) 11

7. The LCM of 24, 36 and 40 is

(a) 4

(b) 90

(c) 360

(d) 720

8. The product of two numbers is 2160 and their HCF is 12. The LCM of these numbers is

(a) 12

(b) 25920

(c) 180

(d) None of these

9. The least number divisible by each of the numbers 15, 20, 24, 32 and 36 is

(a) 1660

(b) 2880

(c) 1440

(d)

none of these

10. How many whole numbers are there between 1018 and 1203?

(a) 185

(b) 186

(c) 184

(d)

none of these

11. The predecessor of the smallest 3-digit number is

(a) 999

(b) 100

(c) 101

(d) 99

12. On dividing a number by 53 we get 8 as quotient and 5 as remainder. The number is

(a) 419

(b) 423

(c) 429

(d) none

of these

13. Find the greatest number which divides 285 and 1249. Leaving remainders 9 and 7 respectively.

14. Three measuring rods are 45 cm, 50 cm and 75 cm in length. What is the least length (in metres) of a rope that can be measured by the full length of each of these three rods?

15. Learn and write the tables from 2 to 20.

16. Do the Mental Maths of Whole numbers and playing with number

