



SHRI SHANKARACHARYA VIDYALAYA, HUDCO, BHILAI
SUMMER VACATION ASSIGNMENT 2019-2020
CLASS VIII
ENGLISH

First Week

1. The building of your school is extremely beautiful .Last year it won an award for the 'Best Maintained Building' in the town for its clean building and ground. Write the description of the school in about 100 words.
2. Write down five similes and use them in sentences of your own.
3. Note down five idioms, write their meaning and uses them in sentences of your own.

Second Week

1. Browse and discover the various gallantry awards given to the army personnel, also write what category these are awarded under.
2. Write down five collective nouns and use them in sentences of your own.
3. Select five new words from your paper, write their meaning and use them in sentences of you own.

Third Week

1. Prepare a debate on the topic "War can end conflicts".
2. Suppose you were one of the victims of Tsunami. Write a dairy entry for the same.
3. Write down five similes and use them in sentences of your own.

Fourth Week

1. Surf the Net to find any one NGO (charitable trust) and write down about their way of working.
2. Write a short paragraph on the topic - The Importance of water.
3. Note down five collective nouns and use them in sentences of your own.

Fifth Week

1. Write a short paragraph on the topic- What I enjoy doing most in my Leisure Time.
2. As Anamika / Anand write an article on the topic- Uniforms Are Essential in School.
3. Note down five idioms, write down their meaning and use them in sentences of your own.

HINDI

कक्षा- 8 गृहकार्य

पहला सप्ताह -

हिंदी दैनिक अखबार का संपादकीय पृष्ठ , जोर -जोर से पढ़ने का अभ्यास करें ।

दूसरा सप्ताह-

पाँच दोहे अर्थ सहित लिखकर याद करें।

तीसरा और चौथा सप्ताह-

निम्न के दस-दस शब्द लिखें एवं याद करें -

तत्सम, तद्भव, देशज , विदेशी , अनेकार्थी शब्द, पर्यायवाची शब्द, विलोम शब्द ,वाक्यांशों के लिए एक शब्द,समश्रुत- भिन्नार्थक शब्द, एकार्थी शब्द अवधारणात्मक शब्द (पाठ-4 के अनुसार),मुहावरे एवं लोकोक्तियाँ (पाठ-20 के अनुसार),यातायात के संकेत (पाठ-23 के अनुसार)

पाँचवा सप्ताह-

किसी ऐतिहासिक या दर्शनीय स्थल का अवलोकन करें ,और सचित्र वर्णन पाँच सौ शब्दों में करें।

छटवाँ सप्ताह-

किसी मंगल कार्य हेतु एक निमंत्रण पत्र तैयार करें।

संस्कृतम्

प्रथमे सप्ताहे

शब्दरूपाणि लिखत - देव, माला, पुस्तक, कवि, नदी, मातृ, राजन्।
सर्वनाम् - तत्, किम् (त्रिषु लिङ्गेषु), अस्मद्, युष्मद्

द्वितीये सप्ताहे

धातुरूपाणि लिखत -
धातुः - दृश्, अस्, कृ, स्था, भू, गम्, वस्।
लकारः - लट्, लृट्, लङ्, लोट्, विधिलिङ्ग लकारे लिखत

तृतीये सप्ताहे

संख्यावाचक पदानि - शतम् पर्यन्तम्।
शब्दरूपाणि लिखत - एक, द्वि, त्रि, चतुर

चतुर्थे सप्ताहे

अनुच्छेदः लिखत - गजधरः, गङ्गानदी।

पञ्चमे सप्ताहे

पुनरावृत्ति

MATHEMATICS

1st week

1. Make a project on the nets of the following shapes; also verify the Euler's formula for each shape.

(a) Triangular Prism (b) Cube (c) Cylinder (d) Pentagonal Prism

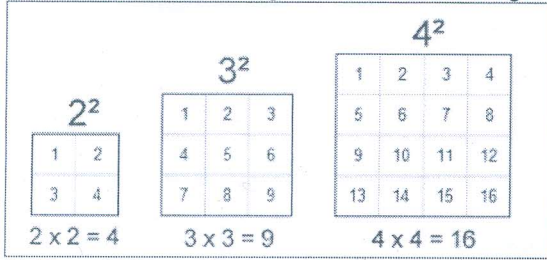
2. Statistics: Make a comparative study of the scores of various teams of IPL, and represent it in the form of bar graph. Do it from quarter finals to finals.

3. Solve CCE test paper-1 (chapter 1)

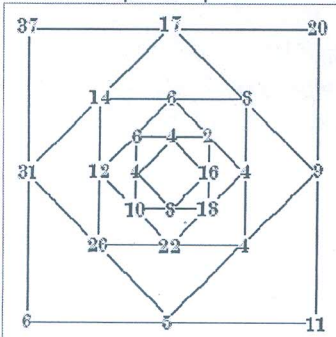
2nd week

3. Do as directed:

(a) Looking at the tables given below make the grids for square of 5, square of 7 and square of 8.



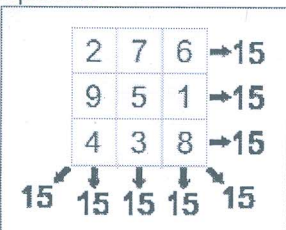
(b) The middle number on each line is the difference between the two outside numbers. Prepare a grid which follows a definite shape and pattern of numbers.



(c) Solve objective questions of Ex. 1H Q no. 6 to 15 (chapter 1)

3rd week

(a) A grid with magic number 15 is given in the figure where the sum of the rows, sum of the columns and sum diagonally is 15. Prepare a grid with magic number 30. You can choose any set of numbers in sequence but the numbers should not be repeated.



(b) Learn all properties of rational number (addition, subtraction, multiplication and division) (refer chapter 1)

(c) Learn and write all the laws of exponents. (Chapter 2)

4th week

(a) find squares of numbers from 2 to 20.

(b) Find the cubes of numbers from 2 to 15

(c) Activity : To verify the sum of interior angles of a quadrilateral is 360° by paper cutting and pasting (Refer activity 2 from text book R.S Agarwal)

5th week

1. Conduct a survey of your friends to find which kind of movie they like the most; Represent the information in the form of a bar graph.

2. Simplify and write the answer in exponential form: $(25 / 28)^5 \times 2^{-5}$.

3. Find m, so that $(-3)^{m+1} \times (-3)^5 = (-3)^7$.

4. If 42×5 is a multiple of 9 and x is a digit, then find the value of x.

5. If 3×12 is a multiple of 3 and x is digit, then find the value of x.

6. The usual form of the number $9 \times 100 + 7 \times 1$

(a) 97 (b) 9007 (c) 907 (d) 16

7. A is a digit and $3A18$ is a multiple of 6. Which of the following can be the value of A?

(a) 1 or 9 (b) 3 or 6 (c) 0 or 7 (d) 0 or 9

8. Verify that $(a + b) + c = a + (b + c)$ by taking $a = -2$, $b = -2/3$, $c = -3/4$

9. The sum of two rational numbers is $(-3/7)$. If one of the number is $(-5/8)$, find the other.

10. Find three rational numbers between: $(-1/3)$ and $(1/2)$

11. Verify the property $a \times b = b \times a$ by taking: $a = (-12/7)$, $b = (-21/5)$

12. Solve: $200\frac{1}{2} + 621\frac{1}{2} + 16\frac{1}{2}$

NOTE: HOME WORK TO BE DONE IN (100 PG.) MATHS VACATION HOME WORK COPY PREPARE CHAPTER 1 FOR WEEKLY TEST

GENERAL SCIENCE

1st Week

• What is a force? What is the relation between force and interaction? Prepare a table on situations (minimum 15) identifying the agent exerting the force and the object on which it acts. State the effect of force in each case

• (i) Plant at least two different plants in your locality during the academic year and ensure their maintenance till they grow.

(ii) Find out whether there are any international agreements to control global warming. Which are the gases covered under these agreement?

• List various fibres (at least 5) which we use in our daily life and give following details:

i) Name of the fibre

ii) Category (Natural or synthetic)

iii) Advantages

iv) Disadvantage

v) Uses

vi) Stick the sample

2nd Week

• Read the chapter 3 synthetic fibers and plastic and find the NCERT textbook answer.

• Give examples of situation in which applied force can change in shape of an object in tabular form.

• Various plants of pachmarhi reserve enhance its beauty. Name a few of them.

3rd Week

- Slogan and poster writing on "say no to plastic".
- What are the factors, pressure exerted by the liquids depends upon. How do fluids exert pressure, describe an activity in support of your answer (with diagram)
- Name the most important factor that threatens wildlife.

4th Week

- Write the use of LPG as a fuel as favoured over other fuels. Collect information.
- What is atmospheric pressure? Name the instrument used to measure atmospheric pressure. Who invented this instrument write a short note to describe its working.
- Collect new agricultural machine pictures and paste in a file with their names and uses.

5th Week

- Find out biodegradable or non biodegradable materials used in day to day life
- Draw a diagram of a plough and label the following parts.
(a) Plough shaft (b) Plough share

(ii) Write the function of plough?

(iii) Name the animal used to draw the plough.
- Answer all the questions of force and pressure given in your general science work-book. (refer NCERTbook)

SOCIAL SCIENCE

1st week

- Find out the names of some Tribal groups of India.(ex-Gonds,Oraons etc).Write in brief about any two of them.
- Paste the pictures of freedom fighters of Indian revolution. Write bio sketch on Rani Laxmi Bai and Mangal Pandey.(ref-lesson 5)

2nd week

- Design a poster on ENERGY CONSERVATION highlighting Do's and Don'ts.

3rd week

- Name some of the endangered animals .How can they be protected? Write in brief.

4th week

- Write a brief note on three levels of court in India.

5thweek

- Write six Fundamental Rights and some fundamental Duties given in Indian Constitution.
- Learn Q Ans of Geography Lesson 1(workbook.)

NOTE—VACATION HOMEWORK TO BE DONE IN 80 PAGES NOTEBOOK.

COMPUTER

Design a website using HTML on any one of the topic 'Rural sanitation in India' / 'Safety of Women'.

The following points should be adhered to :-

1. The project file should contain the printout of the output and HTML code (5-7 pages)
2. Include pictures related to the relevant topic.
3. Only a single web page is required, no linking of the document to be done.
4. Use tags , <TABLE> ,
 , <P> , , <I> , <U>etc.