DAV Global School
Holiday Homework

Name : _____   **Class : VIII**   **Session : 2018-19**

Dear children, Here are some activities for you to keep you engaged positively and your energies directed. Use your imagination for doing creative work that will reflect your own latent talent and make you earn a golden ☆ as a grade. We wish you a wonderful time ahead!

General Instructions:
- Parents are requested to only guide children while doing the assignment.
- Originality of the work will be appreciated.
- Project / Homework will be assessed on the basis of neatness, creativity & originality of ideas.

English: (to be done in your Eng. Lang. Notebook)

(A) <u>Reader</u> - Complete L - 3 of English Reader.

(B) <u>BBC</u> -   Complete comprehensions 5-10 of BBC.

Complete any two diary entries and notice writing of your choice from BBC.

Prepare a power point presentation selecting one of the following topics:

a) Achievements of great personalities (any 4)

b) Say No to pollution and Yes to life

c) Generation Gap

d) Importance of Value Education

Punjabi : (to be done in your Punjabi Lang. Notebook)

1. ਕੋਈ ਇੱਕ ਚਿੱਤਰ ਚਿਪਕਾ ਕੇ ਲਗਭਗ 50–60 ਸ਼ਬਦਾਂ ਵਿੱਚ ਉਸਦਾ ਵਰਣਨ ਕਰੋ।

2. ਬੇਨਤੀ ਪੱਤਰ ਅਤੇ ਲੇਖ (ਸਿਲੇਬਸ ਵਿੱਚੋਂ) ਯਾਦ ਕਰੋ।

Hindi : ग्रीष्मावकाश कार्य –

ज्ञान–सागर – पाठ 3, 4, 6 की दोहराई करें।

अभ्यास–सागर – पृष्ठ संख्या 24, 34, 36, 53, 62, 70, 78 करें।

व्याकरण कॉपी में पाँच पृष्ठ सुलेख लिखें।

Math: (to be done in your Math Notebook)

1. Find the smallest number by which 9408 must be divided so that it becomes a perfect square. Also find the square root of the perfect square so obtained.

2. 5929 students are sitting in an auditorium in such a manner that there are as many students in a row as there are rows in the auditorium. How many rows are there in auditorium?

3. A school collected Rs2304 as fees from its students. If each student pays as much money as the number of students in the school, how many students were there in the school?

4. If $\sqrt{m} = 24$, find $2m + 1$

5. If $\frac{2a}{\sqrt{2}} = 2\sqrt{2}$, find a.

6. Parikshit makes a cuboid of plasticine of sides 5cm, 2cm, 5cm. How many such cuboid will he need to form a cube?

7. Find the smallest number by which each of the following numbers must be multiplied to obtain a perfect cube.

a) 256   b) 675   c) 100

8. If a box of sweets is divided among 24 children, then they will get 5 sweets each, How many would each get, if the number of children reduced by 4.

9. A farmer has enough food to feed 20 animals in his cattle for 6 days. How long would the food last if there were 10 more animals in his cattle?

10. A batch of bottles was packed in 25 boxes with 12 bottles in each box. If the same batch is packed using 20 bottles in each box, how many boxes would be filled?

(To be done in A-4 size coloured sheet)

Activity 1:   To show square of numbers on a graph paper.

<u>Description:</u> Take a graph paper. Draw squares on it with sides 1cm, 2cm, 3cm, 4cm, 4cm, 5cm, 6cm and 7cm. Now count the number of squares in each square and write the observation.

Activity 2:   cube number pattern

<u>Description:</u> To observe the given number pattern and write the next three steps.

a) $3^3 = 27 = 7 + 9 + 11$ b) $5^3 = 125 = 21 + 23 + 25 + 27 + 29$

Activity 3:   Direct and Inverse Preparation.

Draw rectangle with length and breadth 9cm and 5cm respectively. Now draw second rectangle with same area but the length of rectangle should be 15cm. Now observe and write your observation. Now next time take new length 45cm and find what should be breadth if area of rectangle remain same.

Science: (to be done in your Science Notebook)

Activities:

1. Prepare a report to show:
   a) An increase in area reduces pressure
   b) A decrease in area increases pressure
2. Give illustrations / use pictures to bring out the differences between force and pressure.
3. Prepare a report to show:
   a) How liquid pressure increases with depth
   b) How liquid pressure is transmitted equally in all directions.
4. Make a list of the diseases that are common in your neighbourhood. Find out how you can prevent the occurrence of these diseases.
5. Describe some methods of food preservation and paste pictures.

Models / Projects (Any 2):

1. PPT on methods to increase / decrease friction in day to day life. Also mention the advantages and disadvantages of friction.
2. Prepare a model / project on techniques to save electricity.
3. Earth layers (core) working project.
4. A home projector (working).
5. Model on volcano eruption.

Note: Revise all the lessons already done in class.

Social Science:

1. Make a power point presentation on the topic 'Distribution of Natural Resources in India'.
2. Make a tabular presentation (A-4 size sheets) comparing and contrasting the land use pattern in India with any two developed nations of the world. Give your opinion regarding the same.
3. Prepare a project report on 'PIL' (Public Interest Litigation)

Art & Craft:

1. Step by step – Page No 10 to 20
2. Make any 1 candle stand using waste material.

G.K. : (to be done in your G.K. Notebook)

1. Compile a brief report in 3 – 4 pages on digital India launched in 2015. Paste pictures also wherever possible.

ICT: Prepare a presentation on "Evaluation of Computer."

Or

"Effects of Social Networking"