## ENGLISH

1. Paste pictures of five famous magicians of the world in your scrapbook also write a few lines about each.
2. Prepare a short project on how techniques such as yoga, meditation, visualisation, affirmation etc. can help a person in improving his/ her mental health.
3. Write a short paragraph on the topic. The Value of Travelling .
4. List down and write the names of the awards which are given to English writers. Also make a list some of the icons who have won the Nobel prize for literature in last 10 years along with their nationality. Paste their picture on A4 size sheet to be presented in the class and learn one line about them.
5. Do page of writing daily in your notebook
6. Learn and complete syllabus done till today.

## HINDI

क. ‘सूरदास‘ की कविता सूरदास के पद चित्र सहित लिखिए।
ख. आज हमारा देश किन-किन समस्याओं से जूझ रहा है। इनमें से किसी एक समस्या पर कार्टून बनाकर तैयार कीजिए।
ग. अनुस्वार युक्त 10 शब्द लिखिए।
घ. अनुनासिक युक्त 10 शब्द लिखिए।
ङ. 'विद्यार्थी -जीवन में अनुशासन का महत्व' विषय पर लगभग 120 शब्दों में अनुच्छेद लिखिए
च. गर्मी की छुट्टियों में आप किसी पर्वतीय स्थल पर घूमने गए थेउस पर्वतीय स्थल का वर्णन करते हुए अपने मित्र को पत्र लिखिए।
छ. प्रतिदिन एक सुलेख लिखिए।
ज. समास के भेदों का परिभाषा सहित एक चार्ट तैयार कीजिए
झ. वर्णों के भेदों का परिभाषा सहित वर्णन कीजिए
ज. कोई भी एक ‘मनोवैज्ञानिक कहानी' लिखिए।

## MATH

1. Find the rational number between $2 / 3$ and 1 .
2. 9 times the reciprocal of a rational number equal to 6 times the reciprocal of 17 . Find the rational number.
3. There are approximately 12600000000000 litres of water on the earth. Express in standard form.
4. The distance between moon and the earth is $3.84 \times 10^{8}$. A spaceship is launched from earth at a speed of 16 km per second. How much time it take to reach the surface of moon.
5. Using long division method, find the $\sqrt{ } 0.00069169$
6. People have decide to plant 729 plants on their society. They wants to plant in such a way that no. of rows and columns are equal. Find the no. of plants in a row.
7. Write and learn square of first 25 natural numbers and cubes of first 15 natural numbers.
8. Write and learn the divisibility rules for $2,3,4,5,6,7,8,9,10,11$ with 2 examples each.
9. Do 5-5 examples for chapter 1 to 6 .
10. Learn and write tables upto 25.

## Activity-

- Write all the properties of rational number in notebook.
- Look at the calendar of current month and find out which date is perfect square and which is perfect cube.
$>$ Now find the square root and cube root of these numbers.
$>$ Find the square root of your date of birth year up to 2 decimal place.
Project -
- Write cubes from 1 to 30 on chart.(Roll no-1 to 25)
- Write squares from 1 to 30 on chart.(Roll no-25 to 50)
- Write laws of exponents on A-3 sheet using examples and collect information of different planets and express in scientific notation.


## SCIENCE

Answer the following questions -

1. What are microorganisms?
2. How can we see microorganism?
3. What are the major groups of microorganisms?
4. Name different habitats of microorganisms.
5. What do you mean by pasteurization?
6. Draw a sketch of Nitrogen Cycle in nature.
7. Name two diseases caused by each of the following microbes:
a) Bacteria
b) Viruses
c) Fungi
d) Protozoa
8. Name different methods of food preservation. Give one example of each.
9. Distinguish between biodegradable and non-biodegradable substances with examples.
10. Why Nylon is considered as material of choice?
11. Give reasons:

Plastics should not be burnt
Handles of utensils are made of Bakelite.
12. Name any two natural and two man-made fibres.
13. Write down differences between thermoplastic and thermosetting plastic? Give examples.
14. List the characteristics of synthetic fibre.
15. Compare any six properties of metals with non-metals.

* Try to set curd with the help of your mother or grandmother. Check the conditions required.

Note: Prepare a Project/Model/Activity file/Power Point Presentation ( as directed)
Roll No - 1 to 20 (Chapter-1, 2)
Roll No- 21 and above (Chapter - 3, 4)

1. Start writing diary. Before sleeping right about what you did the whole day.
2. Flash card- Make flash cards on any major crop highlighting their geographical condition.
3. Make a project on any known conventional sources of energy like -Solar, Wind energy, Nuclear power, Geothermal energy, Tidal energy and Biogas projects should contain following points-

- Index, acknowledgement, introduction, recent developments, innovative techniques to harness energy, distribution in the world, conclusion, sources of information etc.

4. Write slogan on the theme "Water Conservation/Proper Management of Resources.
5. If there were restrictions to enter a temple or building. What would be your reaction? Will you accept this silently or revolt? Explain.
6. Interview women of different generation e.g. your Grandmother, Mother, Sister, friend and discuss the hardship women have been facing from decades. List some revolts lead by the woman in history.

## COMPUTER

1. Revise ch1, 2.
2. Describe different programming languages with their inventions, features, uses and drawbacks (atleast 4) and comparison between them.
3. Craft model of Computer Networking any two (LAN, MAN, WAN, CAN).
4. Make charts on Algorithms and Flowchart.
5. Make PPT on MS-Excel (max 12 slides).

SANSKRIT
क. व्यपदेशेअपि सिद्धि:स्यात् 'कहानी को संस्कृत में लिखकर चार्ट पर दर्शाए।
ख. किसी कहानी से संबंधित चित्र बनाकर चार्ट पर दर्शाए।

