

BIOLOGY

1. Make a list of the diseases that are common in your neighbourhood. Find out how you can prevent the occurrence of these diseases.
2. Read about any one biologist and write down something about him in a A-4 size paper. (also paste his picture).
3. Collect the names of some fast food and snacks. How they are harmful to us? Why we should avoid them?

Chemistry

1. Make a list of all the alternative sources of energy.
2. Explore the composition of coal and petroleum. Which type of coal is used in thermal power plants?
3. Why is LPG considered a better fuel than coal for cooking purposes?
4. Why is LPG filled in cylinders under pressure?
5. What is biogas? Is it a fossil fuel?
6. Planting of trees helps in checking global warming. How?
7. Find out what should be done to avoid blackening of utensils while cooking?
8. Prepare a list of four main types of coal depending on the
 - a) Varying percentage of carbon contents
 - b) Its description
 - c) Its uses
9. Write down the various uses of coal.
10. Make a list of different fractions of petroleum and their uses.
11. The use of fossil fuels is harmful to the environment. Explain.
12. Enumerate the measures that can be adopted to conserve energy.
13. Differentiate between:
 - a) Exhaustible and inexhaustible natural resources
 - b) Coal and coke
 - c) Petroleum and petrol
 - d) Bituminous and bitumen

Computer

Write about Computer Network and its Components, Advantages of Networking, Types of Networks and Networking Devices. (Must have to give relevant images wherever necessary, printed/drawn)

English

A. Answer the following Questions in 80 words.

1. Explain the answers got by the king. How are the answers related to the social life?
2. How did the king give an identification of him as a true king?

B. Notice Writing.

1. On the account of the Foundation Day of your school, an art competition to be organised for all the classes. You are Sakshi or Sahil, the head girl or head boy of your school. Write a notice for all the students and inform them about the details of the event.

2. You are Ram /Roma Malik, the head girl of R.K. Public School, Delhi. Your school is organizing a tour to Shimla. Write out a Notice inviting students who want to join the tour. Put the Notice in the box.

C. Paragraph Writing [In about 150 words]

1. Media-Impact on Teenagers

3. Write a poem/story of your own choice (any topic)

Hindi

1. अपने मनपसंद किसी विषय पर A4 size पेपर पर सुंदर अक्षरों में लिखें -

-स्वरचित कविता अथवा कहानी।

-अनमोल वचन, चुटकुले, दोहे आदि।

2. 10 उपसर्ग तथा 10 प्रत्यय लिखकर दो-दो शब्द लिखिए।

3. अनुच्छेद लिखिए-

क) यदि मैं शिक्षा मंत्री होता

ख) फेसबुक का बढ़ता चलन

ग) हिंदी भाषा का बढ़ता चलन और प्रभाव

4. एक औपचारिक तथा एक अनौपचारिक पत्र लिखिए।

ODIA

1-“ବୃକ୍ଷ ହିଁ ସମସ୍ତ ପ୍ରାଣୀଜଗତର ବଞ୍ଚିବାର ମୂଖ୍ୟ ଆଧାର ”-ଉକ୍ତିଟିକୁ ‘ବୃକ୍ଷ ମାହାତ୍ମ୍ୟ’ କବିତା ମାଧ୍ୟମରେ ସଚିତ୍ର

ପ୍ରମାଣ କର ।

2-ଚିତ୍ରସହ ଓଡ଼ିଶାର ଡିଜିଟାଲ ମହାପୁରୁଷଙ୍କ ଜୀବନୀ ସମ୍ପର୍କରେ ଲେଖ ।

3- ତୁମ ଗ୍ରାମରେ ପାଳାୟ ଲଳର ଅଭାବ ସମ୍ପର୍କରେ ଜଣାଇ ଗୋଷ୍ଠୀ ଉଦ୍ବନ୍ଧନ ଅଧିକାରୀଙ୍କ ନିକଟକୁ ଏହାର ଆଶୁ ସମାଧାନ ନିମନ୍ତେ ଏକ ଦରଖାସ୍ତ ଲେଖ ।

Sanskrit

1. किम् शब्दरूपं लिखन्तु | (त्रिषु लिङ्गेषु)

2. अस्मद ,युष्मद शब्दरूपं लिखित्वा स्मरन्तु |
3. दृश, सेव्, धातोः –धातुरूपं लिखन्तु |(लट् ,लोट् , लङ्ग, विधिलिङ्ग ,लृट्)
4. संस्कृतपुस्तकस्य page -१४३,१४४,१४५ रिक्तस्थानानि पूरयन्तु |
5. पृष्ठ संख्या १५१,१५२ पश्यन्तु चित्रं दृष्ट्वा लिखन्तु |
6. भारतस्य मानचित्रे प्रमुखा नदीम दर्शयित्वा तासां नामानि लिखन्तु |
7. क्षमस्व महर्षे इति पाठस्य पठन अभ्यासं कुर्वन्तु |
8. एकतः – शतम् पर्यन्तं संख्या लिखित्वा स्मरन्तु |

SOCIAL SCIENCE

1. What is meant by sustainable development? Why is sustainable development the need of the hour?
2. Why is there a need for resource planning? Give any three reasons.
3. On an outline political map of the world, show any three developed and developing countries in each continent.
4. Make a PowerPoint on socio-religious reformers Sree Narayana Guru, Jyotiba Phule, Veeresalingam Kandukuri, Periyar. E.V.Ramasamy, Swami Dayanand Saraswati, Dr. Bhimrao Ambedkar and Mahatma Gandhi.
5. Collect the information and make a PowerPoint on Bishnoi, a tribal community of Rajasthan.

Physics

1. Define Force and classify force and its type.
 2. Write the formula for force . What is S I. unit of force.
 3. Write the effects of force.
- B. Do an activity and prepare its video of less than 2 minutes describing it. And submit the kit / materials used in the activity.
- Activity- Demonstration showing properties of liquid pressure.
- C. Draw a picture or paste a picture of any eminent Indian/ foreign Scientist and describe his/her achievements and biography in short and write the values we learn from the scientist.

Math

1. Write and learn the square of numbers from 1 to 50.
2. Write and learn the cube of numbers from 1 to 50.
3. Find the square root of 169, 225, 196, and 256. (By using repeated subtraction method.)
4. Activity: Represent the following numbers on number lines.

$$\sqrt{2}, \sqrt{3}, \sqrt{5}, \sqrt{6}, \sqrt{7},$$

5. Write the life history and contribution of the following great mathematicians.

i) S Ramanujan ii) Aryabhata

6. Find the least number which must be added to 3320 to make it a perfect square.

7. Find the least number of 5 digits number which is a perfect square.

8. What must be added to 452664 to make it a perfect square?

9. Find the least number which must be subtracted from 18265 to make it a perfect square.

1. Learn the Metric system units of length, weight and volume.

9. Learn all formulae of algebra, arithmetic and mensuration.

10. Write all perfect square numbers from 1 to 1000.