

SCIENCE

CLASS VI:

Assignment

Prepare a list of five conductors and non-conductors

Project

Prepare an electric circuit using wires,an electric cell ,key and a bulb.

Home work

Answer all the questions of FA3.

1. Classify changes – can be reversed or not` given in the chapter CHANGES AROUND US.
2. Observe preparation of dishes at your home identify two changes that can be reversed.
3. Movement in our body__ rotates completely, rotates partly/turns, bend,lifts/ does not move at all.
- 4.Visit a local zoo and find out what special arrangements are made for the animals that have been brought there from different habitats.

CLASS:VII

Diagram drawing:

1. pollination
2. Fertilization (zygote formation)
3. Types of seeds
4. Electric circuits switch on and off position
5. Circuits showing electromagnets.

Projects:

1. Flower scrap work.
2. Making of an electric circuits

CLASS VIII:

1. Compare LPG and wood as fuels.
2. Can You burn a piece of wood with match stick? Why?
3. What are the essential conditions of combustion?
4. Draw the structure of flame and also explain each zone?
5. Draw a diagram to explain that air is essential for combustion?
6. What are the ill-effects due to increasing consumption of fuels?
7. Explain various types of combustion?
8. Make a table to show the calorific value of various fuels?
9. Write three eg:-for solid ,liquid and gaseous fuels.
10. Amina and Ramesh were doing an experiment in which water was to be heated in a beaker. Amina kept the beakers in the yellow part of the flame. Remesh put the beaker in the outermost part of the flame. Whose water will be heated in a shorter time?
11. Mark the places in the map where coal, petroleum and natural gas are found, show the places where petroleum refineries are situated.
12. Talk to people who use LPG at home Find out what precautions they taken in using LPG.
13. Complete the crossword puzzle in the chapters Reproduction and Conservation of plants and animals

CLASS IX:

Assignment

Prepare 20 MCQ from the Chapter "How do organisms Reproduce"

Project

Prepare a public awareness programme on HIV/AIDS(Prepare PPT on AIDS)

Home work

Answer all the questions of the given sample Question Paper of SA2 March 2015.

IX (Chemistry)

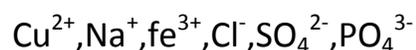
1. Write the names of following compounds.
 - a. $\text{Al}_2(\text{SO}_4)_3$
 - b. NH_4OH
2.
 - a) State law of constant proportions
 - b) Show that water illustrates the law of constant proportions.
3. Give one word for the following
 - a. Positively charged ion.
 - b. A group of ions carrying charge
4. How would you differentiate between a molecule of an element and a molecule of a compound? Give one example for each type
5. An element X forms an oxide with formula X_2O_3 .
 - a) State the valency of X
 - b) Write the formula of
 - 1) Chloride of X
 - 2) Sulphate of X
6. Write the chemical formula ,using criss-cross method?
 - a) Ammonium Sulphate
 - b) Magnesium Bicarbonate

c) Barium Nitrate.

7. Calculate the number of molecules in 50g of CaCO_3 ?

Calculate the mass of 0.5 moles of nitrogen gas.

8. Write the molecular formulae of all the compounds that can be formed by the combination of the following ions.



9. Answer the questions of the Support Material given by Kendriya Vidyalaya from the chapter "Atoms and Molecules" Page No:88,89,90

XI (Chemistry)

Assignments and Seminars

Topics:

- Atmospheric Pollution
- Water Pollution
- Soil Pollution
- Strategies to control Pollution