

Science

Classes VIII to X

Rationale: Science Syllabus has been framed with the help of the themes. These themes have been designed right from Class VI to Class X. The themes are: Food, Materials, The World of the living, How things work, Moving things, People and ideas, Natural phenomenon and Natural resources. While these run all through, in the higher classes there is a consolidation of Content which leads to some themes being absent, eg: Natural resources from Class IX and Food from Class X.

The format of the syllabus has been evolved to address the under specification mentioned above. Instead of merely listing ‘topics’, the syllabus is presented in four columns: Questions, Key Concepts, Resources and Activities/ Processes.

Objectives:

1. To understand and use new ideas and scientific information to improve the students lives.
2. To develop problem solving skills needed to respond to a changing society and environment.
3. To develop a positive attitude towards science that will encourage students to take interest in learning science at the higher classes.
4. To recognise how the advancement of Science and Technology has changed the lives of people in Local, National and Global communities.
5. To develop a knowledge and understanding of scientific principles and concepts.
6. To learn to think critically, creativity and rationally so that students can solve problems and promote life long learning.
7. To develop effective and positive work habits related to Science.