Chapter 9

Light

LESSON PLAN

SPECIFIC OBJECTIVES

The students will learn about

- sources of light
- luminous and nonluminous objects
- properties of light
- transparent, translucent and opaque objects and their uses
- formation of shadows

Teaching Aids

Pictures/charts/models/animation on the topics given in the chapter.

Lesson Plan

- Teacher will start the chapter with 'Gear Up' section and help them in doing the task given in the section.
- Now, teacher will define light and its sources.
- Teacher will explain luminous and nonluminous objects and will give their examples.
- To check the understanding of students about the topic, teacher will ask them to solve 'Check Point 1'.
- Now, with the help of different teaching aids, teacher will explain properties of light.
- Teacher will explain transparent, translucent and opaque objects and their uses.
- Now, teacher will define shadow and explain the process of formation of a shadow.
- Now, teacher will ask students to solve 'Check Point 2'.
- At last, teacher will sum up the chapter by going through all the points given under the head 'Wrap up now' and revising the 'New Words'.
- Finally, teacher will help students to solve all the exercises given under the head 'Practice Time'.

Boost Up

- Teacher should demonstrate activities given in the chapter.
- Teacher should encourage students to perform activities themselves.
- Teacher should encourage students to observe phenomena, described in the chapter, related to light in nature.
- Teacher should encourage students to learn more uses and examples of transparent, translucent and opaque objects.

Expected Learning Outcomes

The students understand and know

- natural and man-made sources of light.
- luminous and nonluminous objects.
- properties of light and related phenomena.
- transparent, translucent and opaque objects and their uses.
- shadow and its formation.

Evaluative Questions

Teacher may ask the following questions for evaluating learning and understanding of students:

1. What are natural and man-made sources of light?
2. Where do we see seven colours of light in nature?
3. What are translucent objects?
4. How is a shadow formed?