

# Chapter 11

## Simple Machines

### LESSON PLAN

#### SPECIFIC OBJECTIVES

The students will learn about

- ❖ need for machines
- ❖ simple machines and their types
- ❖ need and types of levers

#### 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 students in carrying out activity given in the section.
- ❖ Now, teacher will discuss the need of machines and their role in doing work.
- ❖ Teacher will differentiate between simple and complex machines, and explain the types of simple machines and their uses in everyday life.
- ❖ Now, teacher will ask students to solve the given 'Check Point'.
- ❖ 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 help students in carrying out activities given in the chapter.
- ❖ Teacher should explain the examples of levers in human body and their role in the movement and functioning of body parts.

## Expected Learning Outcomes

The students understand and know

- ❖ need of machines for doing work smoothly.
- ❖ simple and complex machines.
- ❖ types of simple machines and their uses in everyday life.
- ❖ examples of levers in human body and their role in the functioning of body parts.

## Evaluative Questions

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

1. What is a machine? What are its types?
2. What are the three classes of levers?
3. How does pulley make our work easier?
4. What is a wedge?
5. Give examples of levers in human body.