



## LESSON PLAN

### SPECIFIC OBJECTIVES

The students will learn about

- ▶ mountaineering
- ▶ equipment required for mountaineering
- ▶ solar system
- ▶ satellites
- ▶ astronauts

### TEACHING AIDS

A chart of solar system, blackboard, chalk, duster and digital content.

### TEACHING STRATEGY

- ▶ When the students do the Warm Up activity, give them the hint that the photograph shows two mountaineers who were the first to climb Mount Everest.
- ▶ Talk about the training one has to undergo for climbing mountains.
- ▶ Tell about the equipment that is required for climbing a mountain.
- ▶ Tell about Bachendri Pal and Sunita Yadav.
- ▶ Show the chart of solar system. Explain that the eight planets revolve around the sun.
- ▶ Explain the difference between artificial satellites and natural satellites.
- ▶ Show the picture of India's first satellite — Aryabhata.
- ▶ Tell about India's first astronauts — Rakesh Sharma and Kalpana Chawla.
- ▶ Sum up the chapter by going through the points under the head 'Remember'.
- ▶ Finally, help the students to do all the exercises.

### BOOST UP

- ▶ Show the photographs/animations of man landing on the moon.

### EXPECTED LEARNING OUTCOMES

The students are able to learn about

- ▶ mountaineering.
- ▶ solar system.
- ▶ astronauts.

## EVALUATIVE QUESTIONS

The teachers may ask the following questions to evaluate their students.

1. Why do human beings love adventures?
2. Why does the moon appear so bright?
3. How are artificial satellites useful?