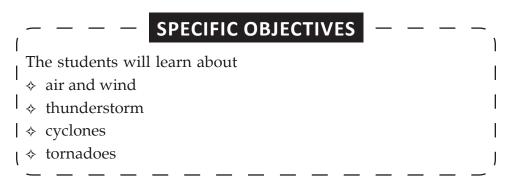
LESSON PLAN



TEACHING AIDS

Pictures/charts/models/animations on earth showing movement of air at different pressure zones, map of India showing monsoon winds; thunderstorm; cyclone; tornado.

LESSON PLAN

- ♦ Teacher will start the chapter by going through the points given in 'Know these points before you start' section.
- ♦ Teacher will define atmosphere, wind and air pressure.
- ♦ Teacher will describe the properties of air by demonstrating activities given in the chapter.
- ♦ Now, teacher will ask students to solve Check Point 1.
- Teacher will discuss the formation of wind, its causes and factors affecting its speed and direction.
- ♦ Teacher will explain wind currents and monsoon wind.
- ♦ Teacher will define thunderstorm, cyclone and tornado and discuss their causes.
- Teacher will discuss the dangers of thunderstorm, cyclone and tornado and the precautions taken during their occurrence.
- ♦ Now, teacher will ask students to solve Check Point 2.
- ♦ Teacher will make students revise the new terms given under the head 'Know These Terms'.
- Finally, teacher will help students to solve the questions given in exercises under the head 'Practice Time' and 'Think Zone'.

BOOST UP

- ♦ Teacher should demonstrate and explain activities given in the chapter.
- ♦ Teacher should discuss the information given under the head 'Something More'.
- ✤ Teacher should discuss the conversation of Annu and Mannu given in between the topics.
- ♦ Teacher may encourage students to watch TV channels like Discovery and National Geographic channel to learn more about planet Earth.
- ♦ Students should be encouraged to collect pictures of thunderstorm, cyclones and tornadoes.
- ♦ Teacher should encourage students to learn disaster management skills to cope with natural calamities like floods, cyclones, earthquakes, etc.

EXPECTED LEARNING OUTCOMES

The students know about

- \diamond air and wind.
- ♦ characteristics of air and wind.
- ♦ cyclones, tornadoes and thunderstorms, their formation, precautions taken and measures to prevent disasters they cause.

EVALUATIVE QUESTIONS

The teacher may ask the following questions for evaluating the understanding of students.

- **1.** What is wind?
- 2. On which factors does the direction of wind depend?
- 3. How are winds caused?
- 4. What is meant by thunderstorm?
- 5. Explain few precautions taken during a thunderstorm.
- **6.** What is air pressure?
- 7. Mention few measures taken in order to prevent cyclone disaster.