

LESSON PLAN

SPECIFIC OBJECTIVES

- The students will learn about
- ✧ weather and its elements
 - ✧ weather forecast and its benefits
 - ✧ climate and determining the climate of a place
 - ✧ geographical factors affecting the climate

TEACHING AIDS

Pictures/charts/models/animations on maximum-minimum thermometer, rain gauge, hygrometer, anemometer, weather station, wind vane; different temperature zones of the earth.

LESSON PLAN

- ✧ Teacher will start the chapter by going through the points given in 'Know these points before you start' section.
- ✧ Teacher will define weather, its different elements and how they affect weather.
- ✧ Teacher will describe the instruments used to measure elements of weather.
- ✧ Teacher will define weather forecasting and its benefits.
- ✧ Now, teacher will ask students to solve Check Point 1.
- ✧ Teacher will define climate and also describe how to determine the climate of a place.
- ✧ Now, teacher will discuss the difference between weather and climate.
- ✧ Teacher will discuss various geographical factors affecting the climate of a place.
- ✧ 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 give activities given in the chapter as home assignments to students and ask them to discuss their conclusions in the class.
- ✧ Students should be encouraged to gather information on plants, animals, people's lifestyles and name of countries falling in each temperature zone.
- ✧ Students should be encouraged to collect pictures of the instruments used to measure weather elements.

EXPECTED LEARNING OUTCOMES

The students know about

- ✧ weather and its elements.
- ✧ instruments used for measuring elements of weather.
- ✧ weather forecasting and its benefits.
- ✧ climate and determination of climate of a place.
- ✧ geographical factors affecting the climate of a place.

EVALUATIVE QUESTIONS

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

1. Define weather and mention its elements.
2. What is meant by weather forecasting?
3. Mention the benefits of weather forecasting.
4. How can we determine the climate of a place?
5. Explain the geographical factors which affect the climate.