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Wind, Storm and Cyclones

LESSON PLAN

SPECIFIC OBJECTIVES

The students will learn about

- ✧ air and wind
- ✧ thunderstorm
- ✧ cyclones
- ✧ tornadoes

TEACHING AIDS

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

LESSON PLAN

- ✧ The teacher will start the lesson with 'Science Vocabulary' section by telling the meaning/definition of new terms which are used in the chapter.
- ✧ The teacher should define air, wind and air pressure.
- ✧ The teacher should describe the properties of air by demonstrating Activities given in the chapter.
- ✧ The teacher should discuss the formation of wind, its causes and factors affecting its speed and direction.
- ✧ The teacher should explain wind currents and monsoon wind.
- ✧ The teacher should define thunderstorm, cyclone and tornado and discuss their causes.
- ✧ The teacher should discuss the adverse effects and the precautions taken during thunderstorm, cyclone and tornado.
- ✧ The teacher should ask the students to solve 'Check Points' 1 and 2.
- ✧ The teacher will help the students to solve the questions given in exercises under the head 'Let's Drill Our Skills' and to complete the flowchart given under the head 'Let's Memorise'.

BOOST UP

- ✧ Students should be encouraged to collect pictures of thunderstorm, cyclones, tornadoes and weather instruments.
- ✧ Students should be asked to learn the facts given in 'Beyond the Horizon'.

EXPECTED LEARNING OUTCOMES

The students know about

- ✧ differences between 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. Mention the difference between air and 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. Mention few measures taken to prevent cyclone disaster.