



Science

Grade 6





11. Weather and Climate

✚ Weather

✚ Climate

✚ Studying weather reports

✚ Creating instruments for measuring weather

✚ Natural disasters due to climatic changes

Pre Learning

01. You may be familiar with weather reports through media. Listen to such reports continuously for one week and note important points. Search in the internet for extra details.
- What is the government institute responsible for distributing weather reports in Sri Lanka.
 - What are the places that reports highest and lowest temperature during last week.
 - Express your ideas on the weather condition of Western, Northern, Southern, Sabaragamuwa and central provinces.
 - Write four main factors that are considered when providing weather reports.

02. To whom its specially important to aware of whether reports. What are the reasons for that?

Refer to your text book to answer the following questions.

01

Weather	Climate
Differences	



02.

Factors affecting the weather	Instrument used to measure	Unit
1.		
2.		
3.		
4.		

03. Make a rain gauge using things available at home. Report rain in your area daily using your instrument.

04. Explain how to measure the speed of wind.

05. What are the main zones in Sri Lanka depending on the amount of rain fall? Identify them in a map.



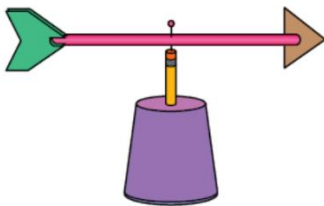
06. Effects of weather changes

Disaster	Reason

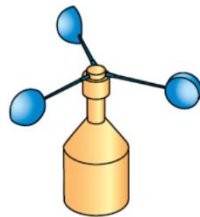
07. Identify the following instruments



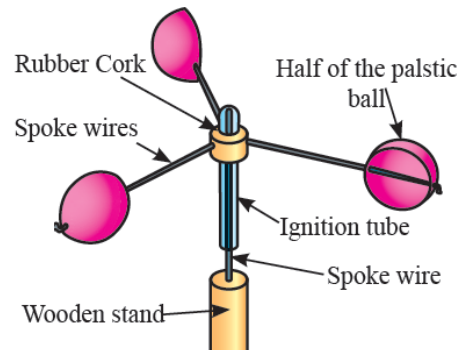
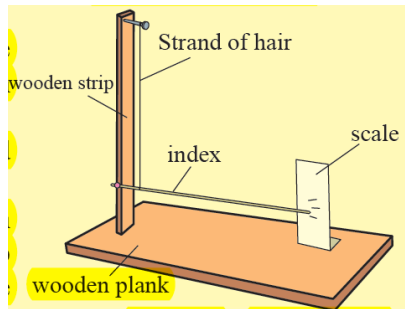
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Post learning

1. What are the main climatic zones in the world?
2. How did our ancestors forecasted weather?
3. What is meant by humidity? Do you find any relation between humidity and temperature of a certain area?
4. People are more attentive on climatic changes on these days. What are climatic changes? What are the reasons for paying much attention regarding these?
5. Collect details of plant and animal diversity of different climatic zones.