



Grade 5 Science

Earth and Space Science: Weather

Weather is an important aspect of daily life. Students should be provided with opportunities to realize that daily weather conditions are not the result of random occurrences, but rather are part of larger systems and patterns that can be predicted on both a short-term and seasonal basis. An important part of the study of weather understands the characteristics of air, its movement, and its ability to hold water.

Students consider various aspects of weather such as temperature, wind speed, precipitation, and cloud formation, beginning to recognize the role these aspects play in weather systems.

Specific Curriculum Outcomes

206-5 Draw a conclusion, based on evidence gathered through research and observation that answers an initial question. Pattern of water flow when water masses of different temperatures meet.

301-13 Relate the constant circulation of water on earth to the process of evaporation, condensation and precipitation

Suggested Teaching and Learning Strategies

Use the Oceanography section of the **Oceanography and Planktology Presentation Resource** to look at the major ocean currents and weather conditions that these currents can influence. Then use this knowledge to complete some or all of the **Ocean Currents Activity**.

Other activities that can be incorporated into the teacher's repertoire:

- **Aquaculture and Fisheries Trivia**
- **Make an impression of a fish activity**
- **Hypothesis in Science activity**
- **Husbandry techniques and recording data activity**
- **Designing fish and fish anatomy activity**
- **Backyard fish farming techniques**

- **Weight of freshwater vs. saltwater activity**
- **Tagging and recapture activity**
- **Study of scales activity**
- **Seafood Mazes**
- **Fun invertebrate activity**
- **Fish Anatomy activity**
- **Bioaccumulation activity**
- **Free Books**

Videos about aquaculture and habitats:

- Videos on mussel farming
- Videos about sustainability in salmon farming
- Salmon farming video
- Virtual dissection of a salmon
- Seaweed video – Integrated Multi-Trophic Aquaculture

