

Science Grade 8 (Earth) Student Learning Expectations

The student should be able to:

1. Describe how water circulates in the Earth system.



2. Explain how latitude, Earth's atmosphere, and oceans affect Earth's weather and climate.

3. Understand how measurements of temperature, pressure, and humidity can be used to predict the weather.

4. Describe features of the atmosphere, including structure, temperature, pressure, air pollutants, composition, global air patterns, and history.

5. Design and conduct a scientific investigation.

6. Use evidence to develop descriptions, explanations, and predictions.

7. Use mathematics in all aspects of scientific inquiry.

8. Use content literacy skills to strengthen writing, communication, and problem solving skills.

