



Carbon Cycle Activity

Grade Level: 5th - 6th

Objective:

The purpose of this activity is to understand the effects of climate change and the atmospheric carbon cycle.

Introduction:

Materials and Equipment:

pen/pencil

paper

Keywords and Concepts:

Carbon dioxide

Weather patterns

Atmosphere

Climate change

Research Questions:

- What effect does carbon dioxide have on our atmosphere?
- What is climate change?
- How will higher temperatures affect the Earth and weather patterns?
- Where does the extra carbon dioxide in the atmosphere come from?

Experimental Procedure:

Complete the diagram below by drawing in arrows to indicate the flow and direction that carbon travels through the carbon cycle.

