

Carbon Dioxide Demonstration

What does it teach? The children learn that their bodies produce carbon dioxide, which is the same gas found in soda bubbles, car exhaust, and dry ice.

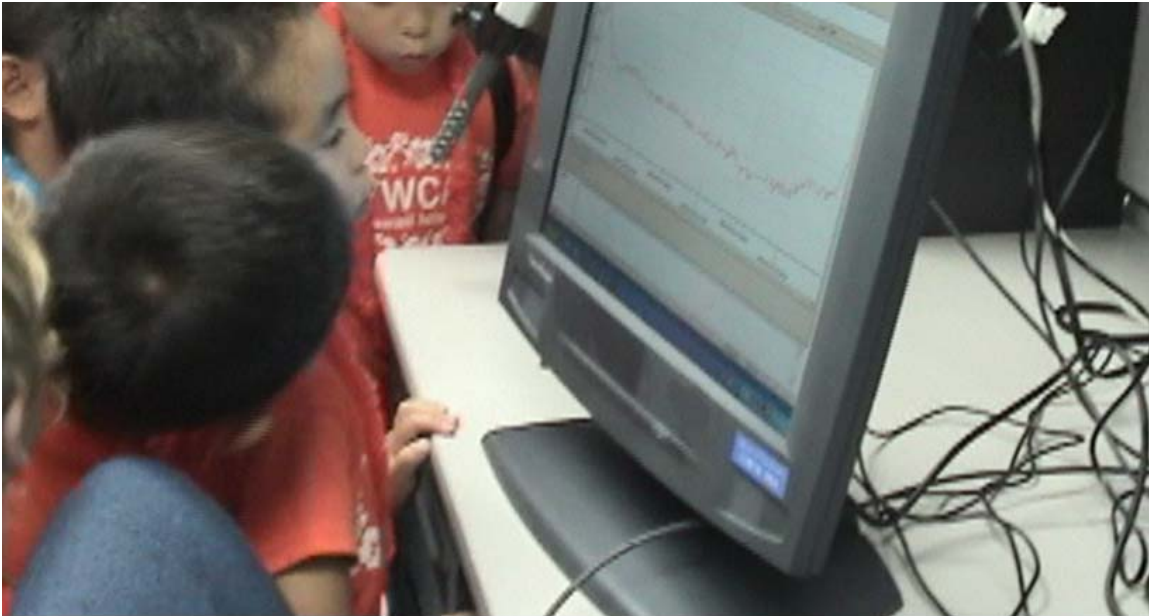
Description: A CO₂ detector is hooked up to a computer that generates a graph showing the CO₂ concentration changing with time. The children were asked to blow on the detector and watch the trace on the graph increase. We also used balloons to show how CO₂ is formed, with 2 white balloons representing oxygen and 1 blue balloon representing carbon.

Materials:

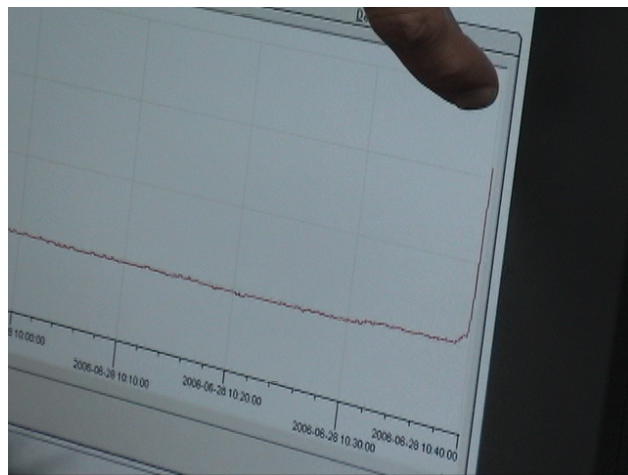
- Carbon dioxide meter
- Computer
- 2 blue balloons
- 1 white balloon



Steve explaining the carbon dioxide meter.



The children blow on the sensor



Then immediately watch the carbon dioxide go up on the plot.