



Science Place: Air, Sun, and Water Candidate Benchmarks

This list is provided to help workshop leaders anticipate which benchmarks participants might select as candidates. The list should not be distributed to participants.

1B *Scientific Inquiry* (K-2)#1

People can often learn about things around them by just observing those things carefully, but sometimes they can learn more by doing something to the things and noting what happens.

4B *The Earth* (K-2)#3

Water left in an open container disappears, but water in a closed container does not disappear.

4E *Energy Transformation* (K-2)#1

The sun warms the land, air, and water.

5E *Flow of Matter and Energy* (K-2)#1

Plants and animals both need to take in water, and animals need to take in food. In addition, plants need light.

11B *Models* (K-2)#2

A model of something is different from the real thing but can be used to learn something about the real things.

12D *Communication Skills* (K-2)#2

Draw pictures that correctly portray at least some features of the thing being described.

4B *The Earth* (3-5)#3

When liquid water disappears, it turns into a gas (vapor) in the air and can reappear as a liquid when cooled, or as a solid if cooled below the freezing point of water. Clouds and fog are made of tiny droplets of water.

9E *Reasoning* (3-5)#1

One way to make sense of something is to think how it is like something more familiar.

12E *Critical-Response Skills* (3-5)#2

Recognize when comparisons might not be fair because some conditions are not kept the same.