

Target Skill



I can conduct investigations to observe the properties of water.

3rd Grade - Weather and Climate- Investigation 1

Target Skill



I can compare how water drops interact with four materials; paper towel, waxed paper, aluminum foil and writing paper.

3rd Grade - Weather and Climate- Investigation 1

Target Skill



I can observe that water soaks into absorbent materials and forms dome-shaped beads on waterproof materials.

3rd Grade - Weather and Climate- Investigation 1

Target Skill



I can observe that water domes always move downhill, and that size and angle of slope affect the speed at which domes move down a slope.

3rd Grade - Weather and Climate- Investigation 1

Target Skill



I can set up an investigation to see how much water a dry sponge soaks up by measuring it's mass, volume, or both.

3rd Grade - Weather and Climate- Investigation 1

Target Skill



I can use natural materials, including living and dead plant materials and earth materials to simulate rain and observe what happens.

3rd Grade - Weather and Climate- Investigation 1

Target Skill



I can compare the temperatures of three cups of water, using fingers a gauges.

3rd Grade - Weather and Climate- Investigation 2

Target Skill



I can measure temperature more accurately using a thermometer.

3rd Grade - Weather and Climate- Investigation 2

Target Skill



I can build a thermometer and conduct an investigation to see what happens when the thermometer is placed in hot and cold water.

3rd Grade - Weather and Climate- Investigation 2

Target Skill



I can observe that some objects sink in water and some float.

3rd Grade - Weather and Climate- Investigation 2

Target Skill



I can understand that objects that float are less dense than water and objects that sink are more dense.

3rd Grade - Weather and Climate- Investigation 2

Target Skill



I can observe that liquid water has a greater mass than ice.

3rd Grade - Weather and Climate- Investigation 2

Target Skill



I can make predictions about the behavior of ice in water and explain my observations because of its properties.

3rd Grade - Weather and Climate- Investigation 2

Target Skill



I can conduct investigations to find the best place for an animal to stay warm or cool.

3rd Grade - Weather and Climate- Investigation 2

Target Skill



I can compare weather from meteorologists forecasts and historical data to make predictions about weather.

3rd Grade - Weather and Climate- Investigation 3

Target Skill



I can observe through investigations that things dry because of evaporation.

3rd Grade - Weather and Climate- Investigation 3

Target Skill



I can observe that surface area affects evaporation rates.

3rd Grade - Weather and Climate- Investigation 3

Target Skill



I can observe that temperature affects evaporation rates.

3rd Grade - Weather and Climate- Investigation 3

Target Skill



I can observe that water vapor in the air condenses into a liquid on cold surfaces.

3rd Grade - Weather and Climate- Investigation 3

Target Skill



I can collect data to find typical weather patterns in specific regions.

3rd Grade - Weather and Climate- Investigation 4

Target Skill



I can describe world climate regions based on my understanding of weather.

3rd Grade - Weather and Climate- Investigation 4

Target Skill



I am introduced to ways that people manage natural hazards. I can discuss engineering methods to deal with floods and droughts.

3rd Grade - Weather and Climate- Investigation 4

Target Skill



I can understand what happens when water is mixed with other earth materials.

3rd Grade - Weather and Climate- Investigation 5

Target Skill



I can investigate that soils can drain water at different rates.

3rd Grade - Weather and Climate- Investigation 5

Target Skill



I can investigate which soils are best for plant growth.

3rd Grade - Weather and Climate- Investigation 5

Target Skill



I can design and construct a simple waterwheel to pull and lift an object.

3rd Grade - Weather and Climate- Investigation 5