

Target Skill



I can work with a set of objects to see how objects can be moved by and through air.

1st Grade - Air and Weather - Investigation 1

Target Skill



I can construct and observe parachutes dropping through air.

1st Grade - Air and Weather - Investigation 1

Target Skill



I can think about how air helps slow the parachute down.

1st Grade - Air and Weather - Investigation 1

Target Skill



I can design and test a parachute to land a cargo container without spilling the contents.

1st Grade - Air and Weather - Investigation 1

Target Skill



I can use syringes to investigate air.

1st Grade - Air and Weather - Investigation 1

Target Skill



I can discover that air can be compressed and that air under pressure can push objects around.

1st Grade - Air and Weather - Investigation 1

Target Skill



I can put together tubes, a bottle, water, a rubber stopper, and two syringes to create a system.

1st Grade - Air and Weather - Investigation 1

Target Skill



I can set up a balloon-rocket system and find out how far the air in the balloon will propel the system along a flight line.

1st Grade - Air and Weather - Investigation 1

Target Skill



I can share what I know about weather and how it relates to air.

1st Grade - Air and Weather - Investigation 2

Target Skill



I can record daily weather observations on a class calendar.

1st Grade - Air and Weather - Investigation 2

Target Skill



I can use symbols to indicate five basic types of weather.

1st Grade - Air and Weather - Investigation 2

Target Skill



I can use a thermometer by measuring the temperature and recording the results.

1st Grade - Air and Weather - Investigation 2

Target Skill



I can construct a model thermometer and practice reading various temperatures.

1st Grade - Air and Weather - Investigation 2

Target Skill



I can monitor sunrise and sunset and record the total number of daylight hours each day.

1st Grade - Air and Weather - Investigation 2

Target Skill



I can collect data on temperature changes during the day.

1st Grade - Air and Weather - Investigation 2

Target Skill



I can observe and compare several types of clouds and discuss how they move across the sky.

1st Grade - Air and Weather - Investigation 2

Target Skill



I can use a rain gauge to measure rain or snowfall.

1st Grade - Air and Weather - Investigation 2

Target Skill



I can make observations of the day and night sky and make observations of the moon.

1st Grade - Air and Weather - Investigation 2

Target Skill



I can use bubble wands to blow bubbles and observe how the air moves the bubbles.

1st Grade - Air and Weather - Investigation 3

Target Skill



I can feel and observe the wind outdoors.

1st Grade - Air and Weather - Investigation 3

Target Skill



I can record wind speed by using a descriptive wind scale, and an anemometer.

1st Grade - Air and Weather - Investigation 3

Target Skill



I can construct a pinwheel and observe how it operates when I blow on it, move it through the air, and take it outdoors in the wind.

1st Grade - Air and Weather - Investigation 3

Target Skill



I can compare the action between my pinwheel to the class anemometer.

1st Grade - Air and Weather - Investigation 3

Target Skill



I can learn how wind vanes indicate wind direction.

1st Grade - Air and Weather - Investigation 3

Target Skill



I can compare wind vanes to that of the movements and direction of bubbles and clouds.

1st Grade - Air and Weather - Investigation 3

Target Skill



I can construct a kite.

1st Grade - Air and Weather - Investigation 3

Target Skill



I can use the anemometer and wind vane to determine the best location and direction for flying kites.

1st Grade - Air and Weather - Investigation 3

Target Skill



I can organize and graph the class weather data recorded over 4 weeks.

1st Grade - Air and Weather - Investigation 4

Target Skill



I can compare the amount of daylight on the same day of each month over the year.

1st Grade - Air and Weather - Investigation 4

Target Skill



I can describe the pattern I see by observing and predicting the number of hours of daylight on my birthday each year.

1st Grade - Air and Weather - Investigation 4

Target Skill



I can create seasonal graphs of weather and temperature.

1st Grade - Air and Weather - Investigation 4

Target Skill



1st Grade - Air and Weather - Investigation 4