**Objectives:** As a result of this lesson, students will understand that wind can do work (lift objects.) As an extension, students will be able to experiment to find out how location affects the efficiency of their pinwheel.

Wind is the movement of air that produces energy and power. Students will create their own pinwheels to discover what source of energy makes it moves. Students will observe how the pinwheel works in different windy conditions, or how it works when they change the direction the pinwheel is facing.

**This kit includes:**
Pinwheel paper
Spacers
Pins
Scissors
Crayons
Foam pieces
Straws

*Any materials that are used, lost or broken during classrooms use, must be replaced before returning the kit.*