**Objectives:** As a result of this lesson, students will understand how an anemometer works to calculate the speed of wind. Students will be able to create their own anemometer and make calculations, and use observations and experiments to find the optimal locations to harness the wind.

In order to understand how much energy is in the wind we need to understand how fast the wind is blowing. Scientists use an **anemometer** to measure wind speed. Using inexpensive materials, you can build your own anemometer and use it to measure wind outside or coming from a fan. As an extension you can even take that wind speed and then calculate the power in the wind.

**This kit includes:**
- Hole punch
- Marker
- Watch or timer
- Staplers (small work best)
- Extra staples
- Paper cups (3 oz.)
- Straight plastic soda straws
- Straight pins
- Staples
- Pencils

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