Where is it Windy?

**Objectives:** As a result of this activity, students will understand how topography influences the spatial patterns of wind. Students will be able to identify the best locations for a wind turbine based on topography and interpretation of wind maps.

The Where is it Windy activity is from the WindWise curriculum. In this activity, students create a “landscape” using items from around the room like back packs, trash cans, chairs, etc. Once the “landscape” is done, place a fan and blow it onto the “landscape”. Students will create flags from the popsicle sticks and thread and place them in the “landscape” where they think it is windiest. Once all the flags are placed, turn on the fan and observe and discuss what you see. This is a great lead-in to reading wind maps and interpreting the wind patterns.

**This kit includes:**
- Popsicle sticks
- Clay
- Embroidery thread
- Scissors
- Tape
- Wind maps of various states in the US

**Items you will need to provide:**
- Items around the room to create “topography”
- Fan(s)

*Any materials that are lost or broken during classroom use must be replenished before being returned.*