



TEACHER

Jackie Dierickx

SCHOOL

Ellwood City Area School District

LOCATION

Ellwood City, PA



LESSON MATERIALS

- Paper Plate
- Marker
- Pencil
- Paper Cups
- Construction Paper
- Hot Glue
- Straw
- Compass
- Weather Journals
- Rocks
- Paperclip
- Eraser

“This hands-on lesson is great for engaging younger students or students with special needs. We love that it is creative, simple, hands-on, engaging, and allows students to draw their own conclusions.”
- Earth Networks Team

MAKE YOUR OWN WIND VANE

INTENDED STUDENTS

Grade 1

DESCRIPTION

This lesson will teach students about a natural phenomenon. They will learn about wind direction and how to tell which way the wind is blowing. They will draw conclusions after their investigations

LESSON INSTRUCTIONS

- Students will work in pairs. Have students label the plate N, E, S, W
- Hand out a sharpened pencil and paper cup. Pre-mark the plates where the pencil should go
- Students will push the pencil through the paper cup. Place a small amount of hot glue around the cup for them so it does not move
- Hand out pre-cut straws, paperclip, and arrow cutouts
- Students will push a paperclip through the straw into the eraser
- Last, students will add the arrow cutouts to their straw

AFTER THE LESSON

- Students should observe the wind for 5 days
- Students should record the direction of the wind in a chart
- Students can then compare observations with other groups
- Allow students to make a prediction for day 6 and draw conclusions about their findings