



15-minute Family STEAM Weathervane

Supplies Provided:

Paper Plate
Straw
Construction Paper
Pencil

Supplies Needed From Home:

Push Pin
Markers
Compass
Scissors

1. Cut out a square and a triangle from construction paper.
2. If you have a bendy straw, cut off the bendy part to make it a straight straw. Make small slit at both ends of a straight straw. Stick square and triangle into opposite sides of straw.
3. Make four marks on your paper plate bottom, at 90 degree angles. Mark them North, South, East, West.
4. Stick the lead-side of the pencil down into the center of the plate.
5. Stick push pin into center of straw, through the straw and then stick into eraser side of pencil.
6. Use a compass to line up your weather vane (align the north arrow on the compass to the north side of your plate).
7. Watch the wind blow your weather vane, discuss direction and intensity of wind.



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