



# GATEWAY REGION YMCA MAKE A WINDSOCK

Build your own windsock to measure wind direction and speed. Many airports use these so pilots know wind conditions on the ground.

## Supply List

- 1 sheet 8 1/2 X 11 inch printer or copy paper
- 1 piece tissue paper 28 cm X 28 cm
- Glue
- Tape
- Scissors
- Single-hole paper puncher
- 1 Paper clip
- String or fishing line

## Instructions

1. Gather all supplies, materials, and instructions.
2. If necessary, use scissor to cut card stock paper to the correct size and then set aside.
3. With the tissue paper, measure 1.5 inches from the top and make a line across.
4. On the bottom of the tissue paper, mark every 1 inch across. Then, cut on each mark up to the line drawn across the top to make strips.
5. Lay the card stock flat and then layer the tissue paper on top, matching the line across the top of the tissue paper with the bottom edge of the card stock so that the strips lay free and unattached.
6. Attach the tissue paper to the card stock using tap or glue.
7. Form a loop with the card stock and join the ends of the paper together using one of the following: tape, staples, glue.
8. Using the single-hole punch, punch three holes equal distance around the top of the card stock.
9. Cut 3 pieces of string 10 inches long. Tie one end of each string to the wind sock at each of the 3 holes.
10. Tie the 3 loose ends of the string to a single paper clip. Add an additional 30 cm length of string to the paper clip.
11. Test the wind sock by holding the single string in front of a fan.
12. Tape the wind sock to a wooden dowel and place outside to monitor wind direction and strength. To help determine wind direction, use a compass to mark north, south, east, and west below the wind sock (with the dowel in the center).



#gwrymcasteam

FOR YOUTH DEVELOPMENT®  
FOR HEALTHY LIVING  
FOR SOCIAL RESPONSIBILITY