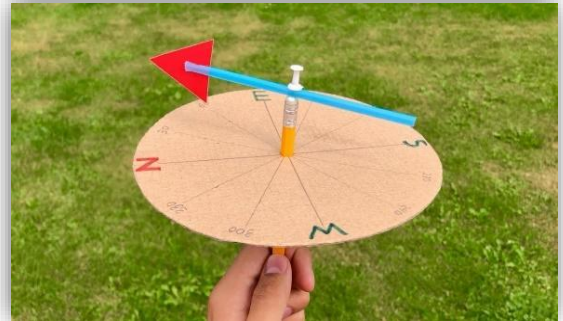


# Children's University Club Challenge:

## Making Your Own Wind Vane!

You will need –

- A paper plate or cardboard/thick paper
- An extra sheet of paper
- Scissors
- A pencil with a eraser/rubber on the end
- Colouring pencils or felt tips
- A straw
- A Pin



Step 1 – If you are using card, cut out a circle and pierce a hole in the middle. If you are able to use a paper plate you can just pierce the hole. Ask an adult for help.

Step 2 – Label each quarter with words or letters to label them north, south, east and west

Step 3 – Cut your straw so it measures roughly 3 cms less than the diameter of (across) your circle. But be careful not to cut it too short that it won't turn properly.

Step 4 – Cut up your straw length ways around 1 ½ cm in from each end

Step 5 – Out of your paper, cut a triangle for the front of your arrow and a thick V shape for the back of your arrow

Step 6 – Place the triangle and the V shape you have made into the slits you have cut length ways up each end of your straw

Step 7 – Take your pin and push it into your straw right in the middle so the whole pin goes through the straw, this will hold your straw to the base

Step 8 – Do you remember the hole you pierced into your circle base in step 1? Good, now take your pencil with the eraser/rubber on the end and push it through the hole you pierced. The base should sit at least halfway up your pencil

Step 9 – Take your straw with the pin and push the pin's sharp point into the eraser/rubber on your pencil. This should now make your arrow hold onto your base. Now feel free to use as many colours to decorate it in any way you like!

Finally: Make a diary of which way the wind blows where you are for 5 days.

You can collect **2 CU credits** for completing this task. To claim your credits, please complete and return your Wind Diary along with your completed Reflection Diary Challenge Sheet.