

Finding wind direction

Amparo Sánchez del Casal
CEIP Dolors Almeda
(Cornellà de Ll.)

How do we know the
wind direction?

By using a wind vane.



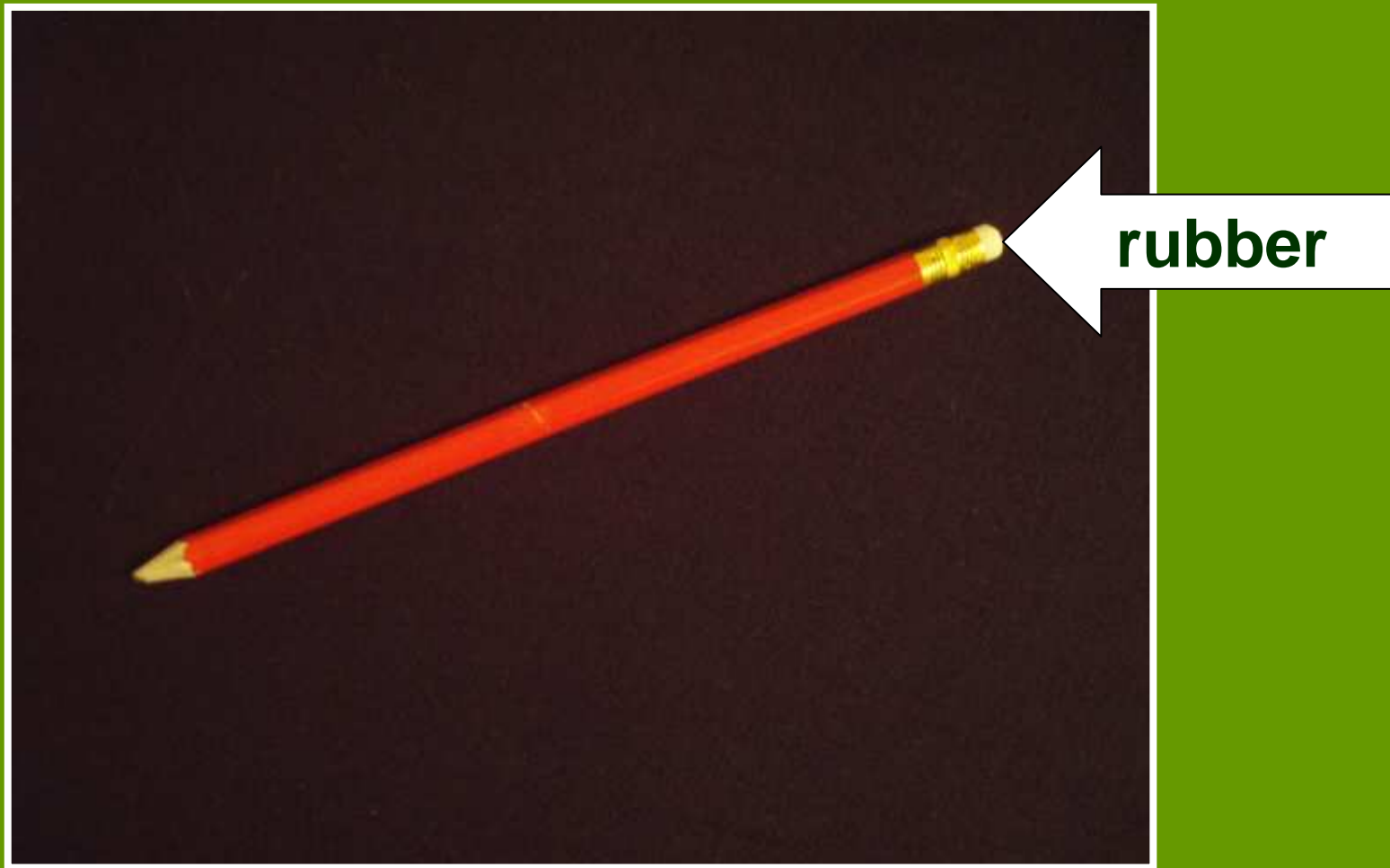
You need this...



A **plastic cup** with a hole on top.



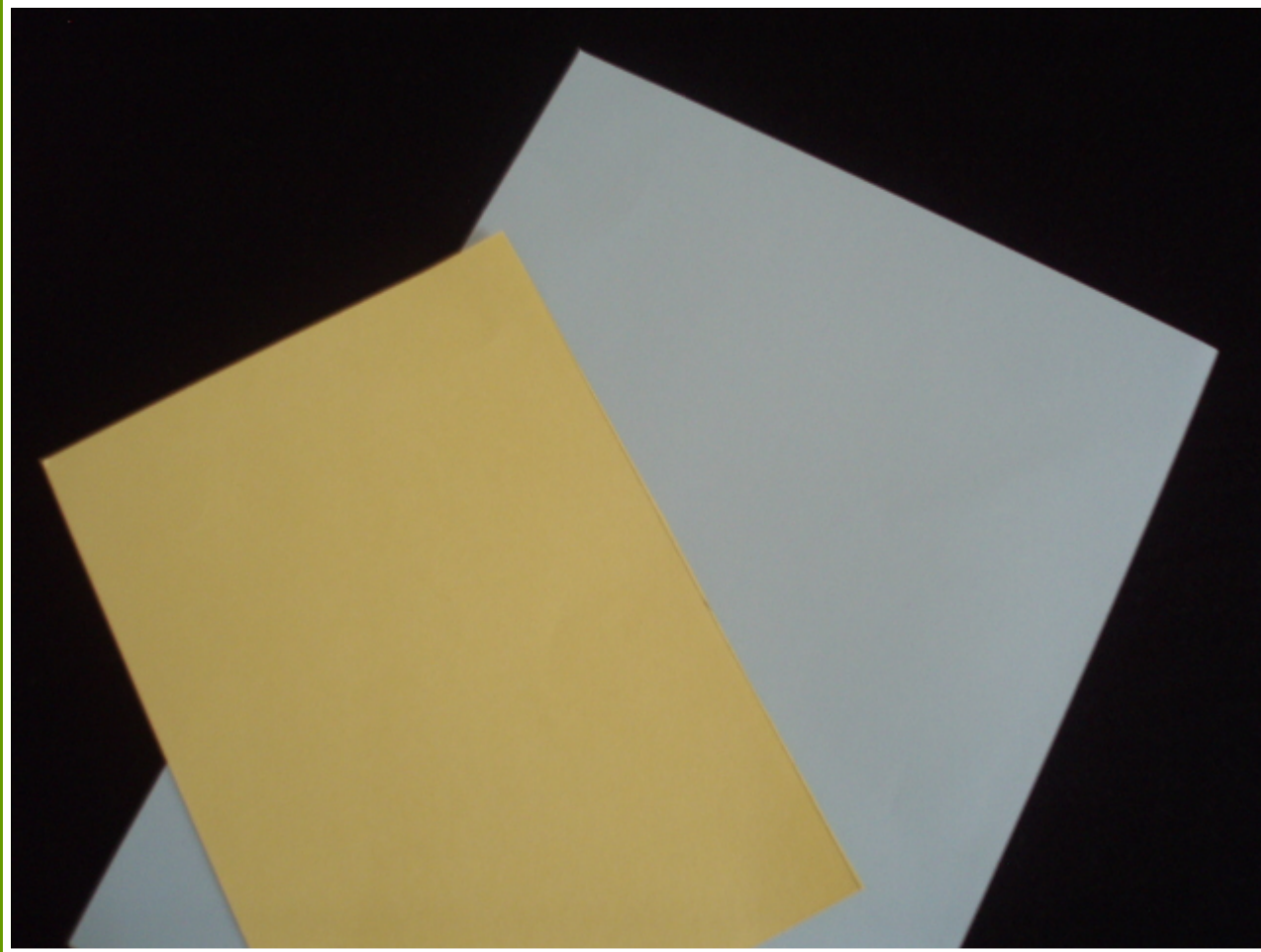
A **pencil** with a rubber end.



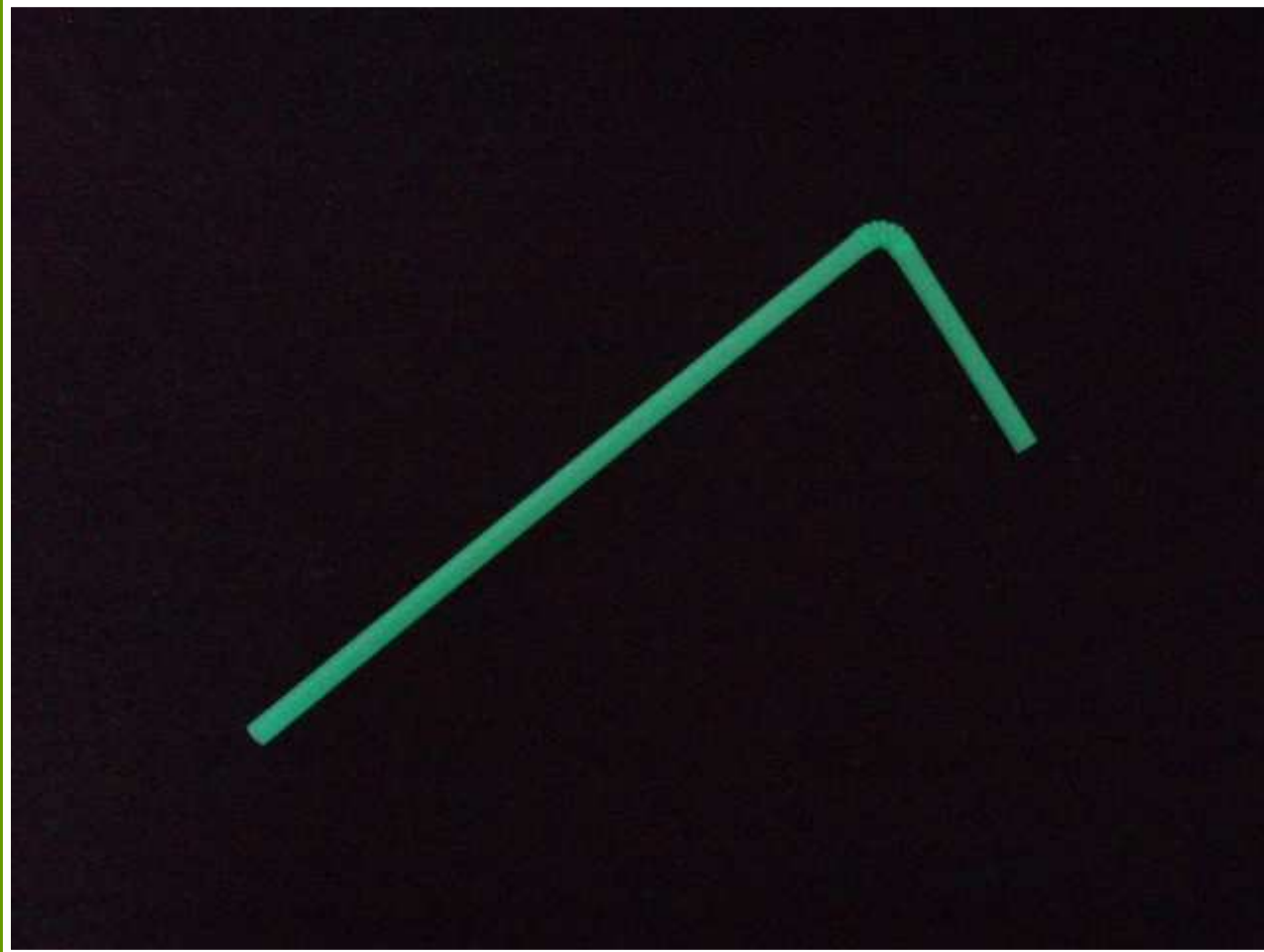
A plate.



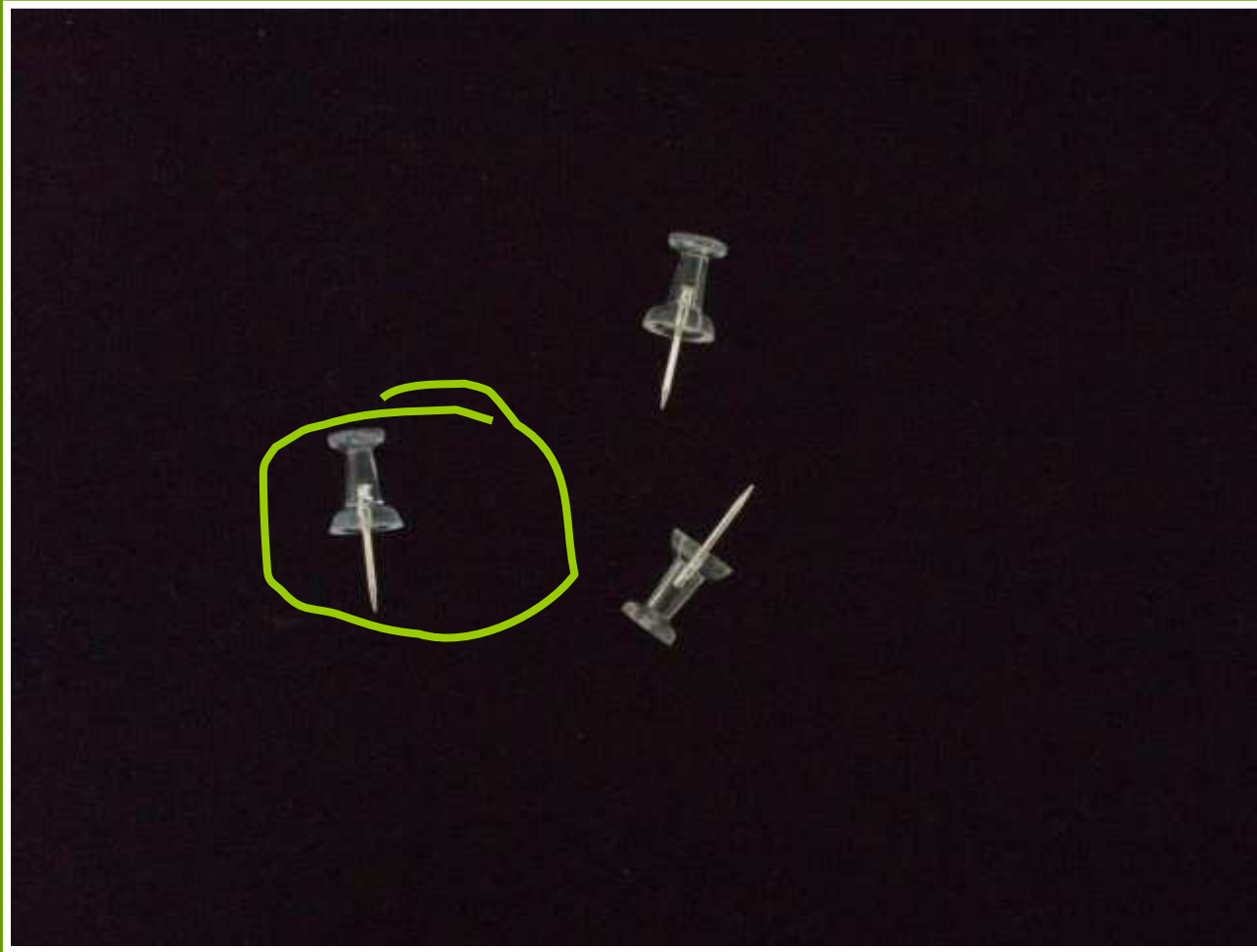
Thick coloured card.



A straw.



A pin.



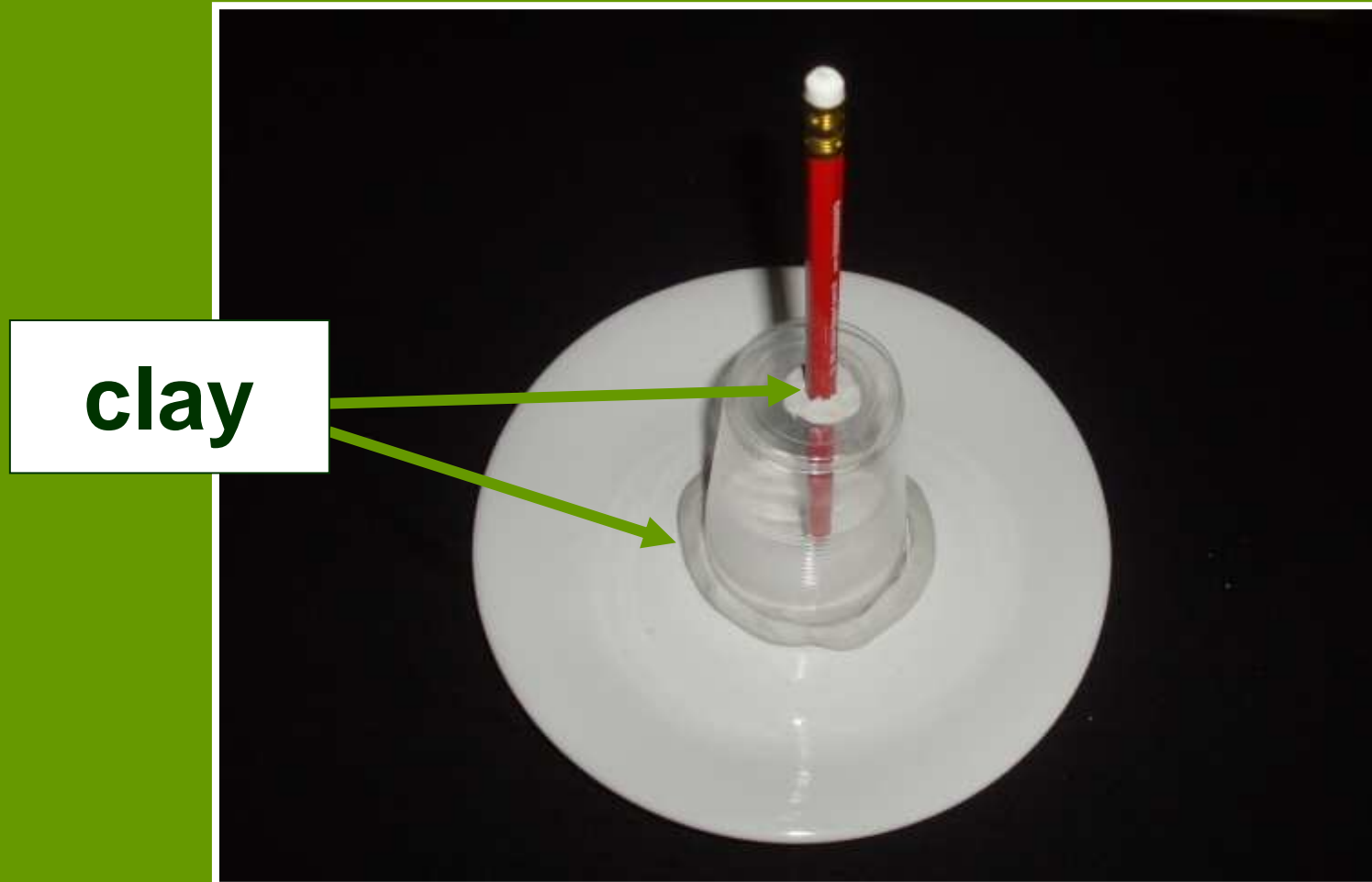
Modelling clay.



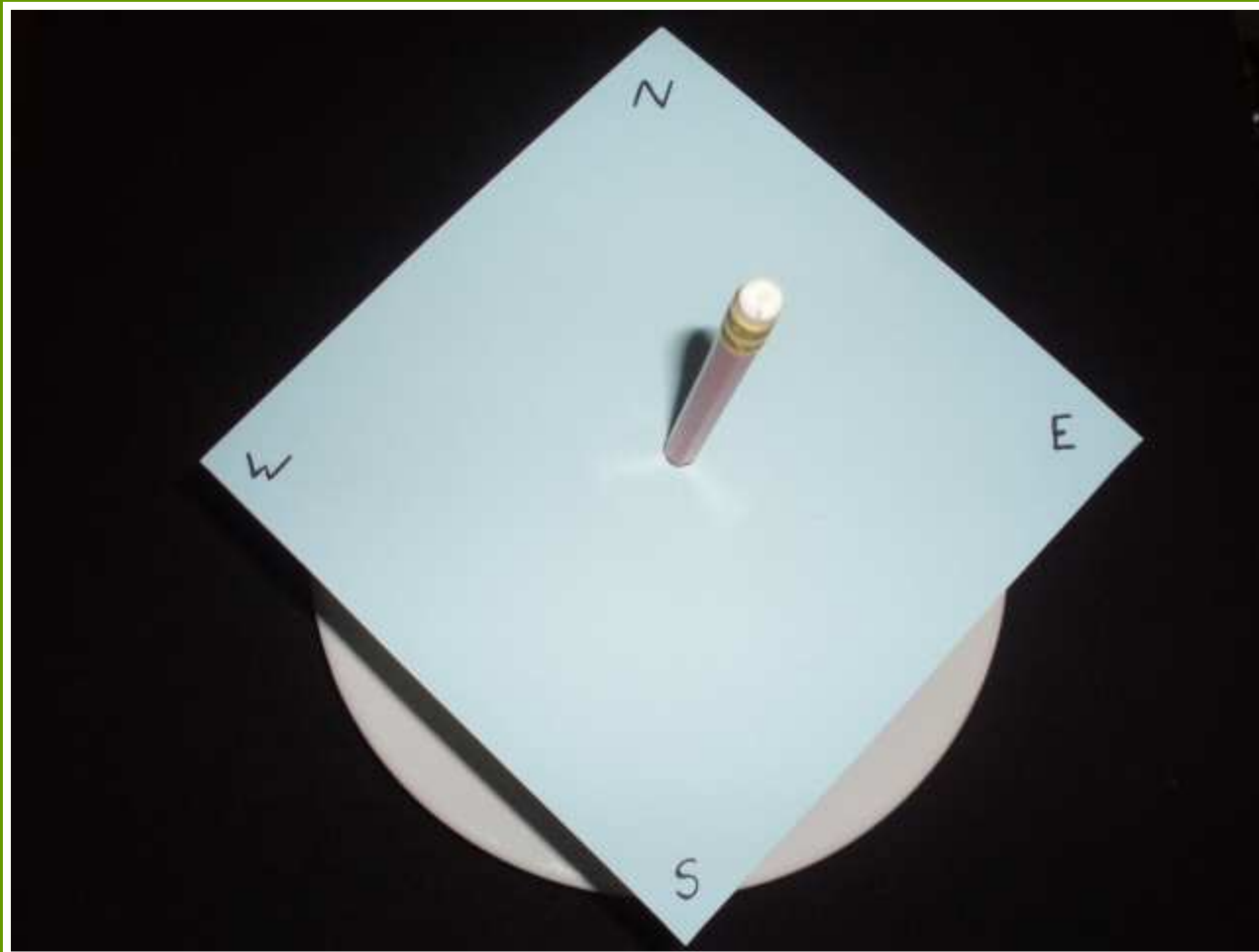
1. Push a pencil through the hole of the plastic cup.



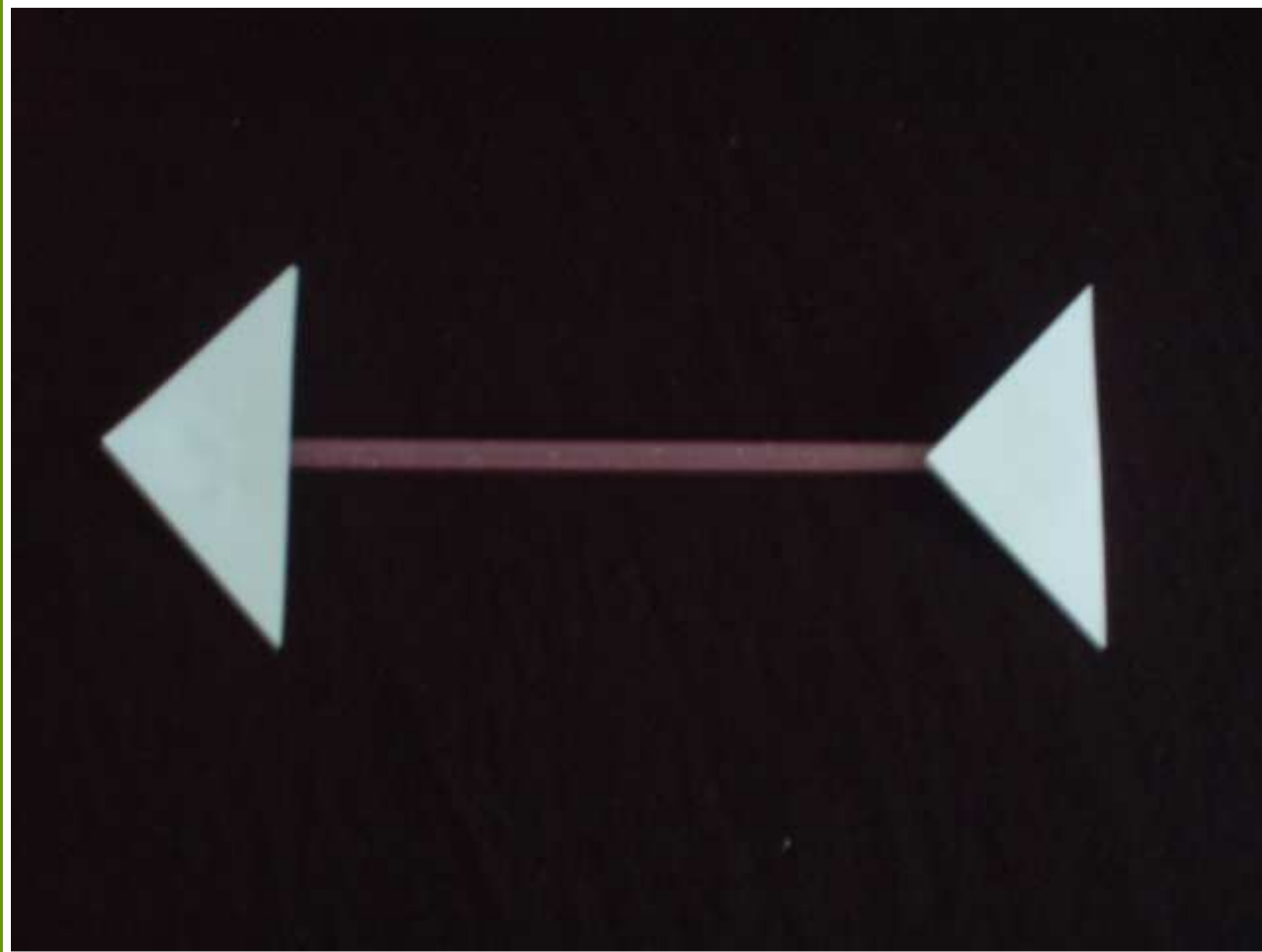
2. Use the clay to secure the cup to a plate and the pencil.



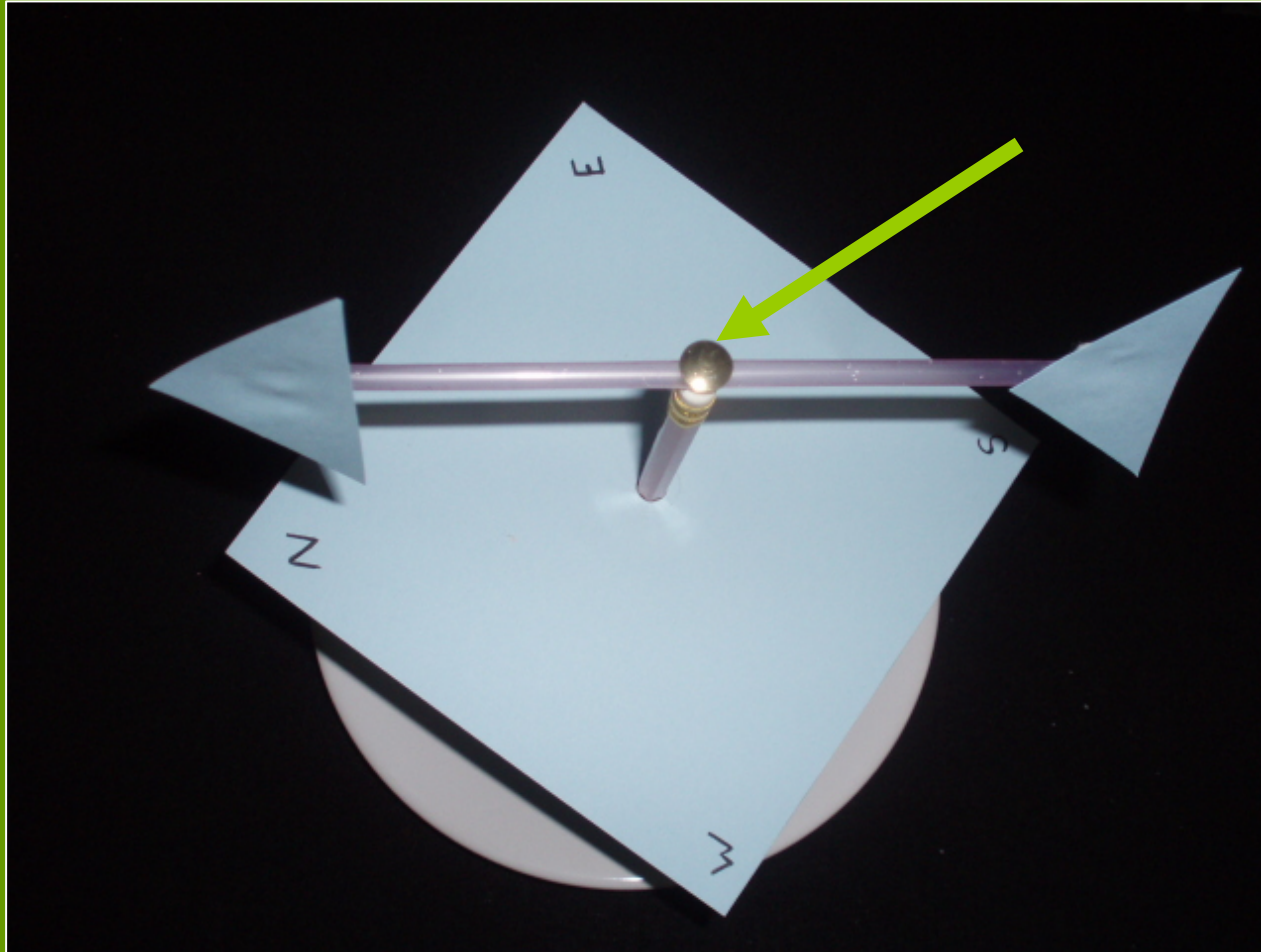
3. Write **N**, **S**, **E** and **W** in each corner of the squared piece of card. Cut a hole in its middle and push it over the pencil.



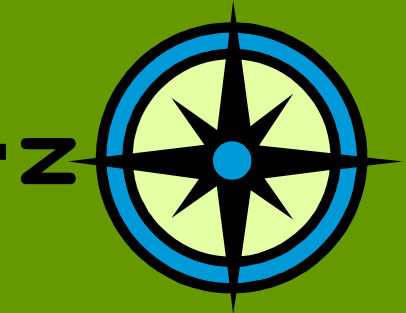
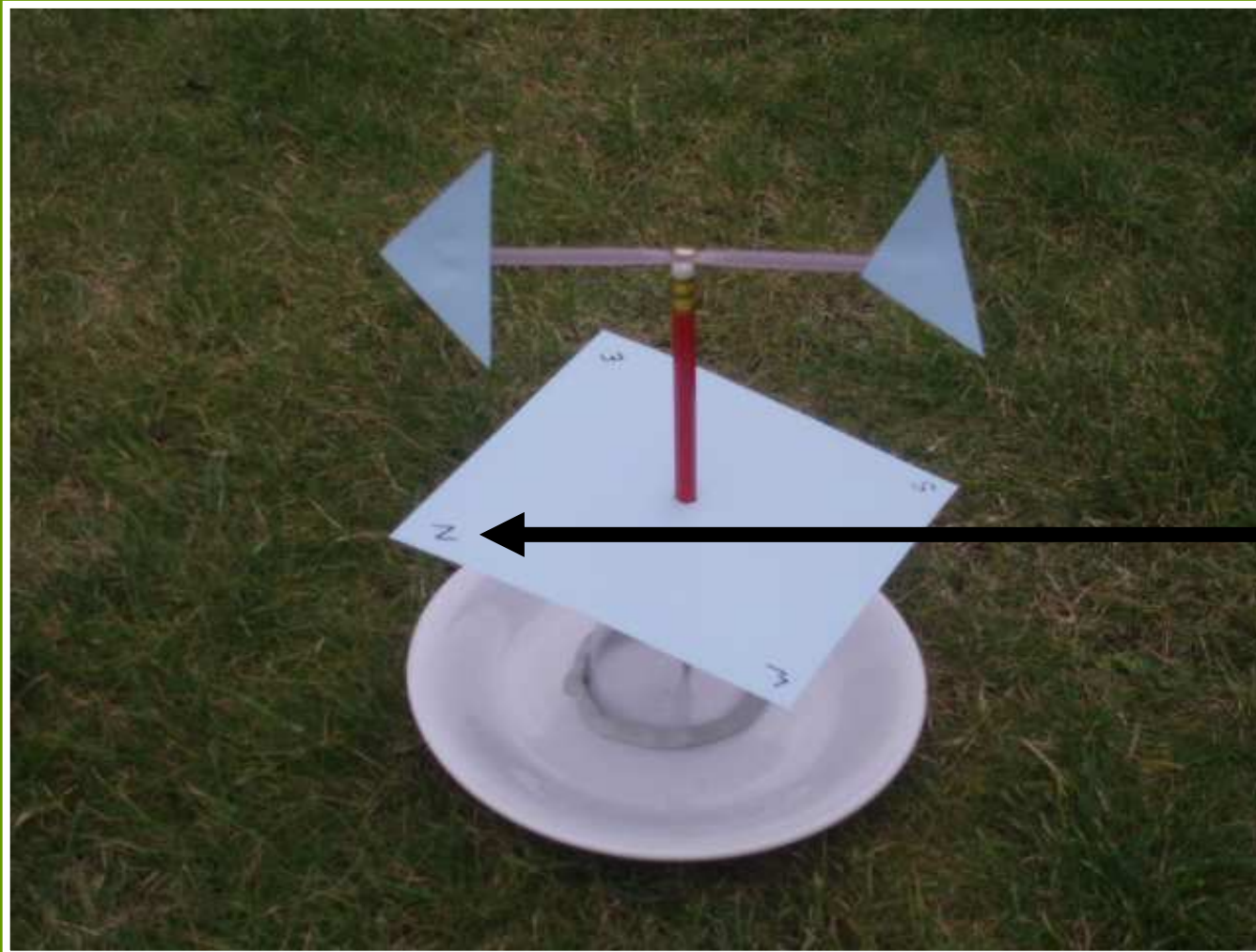
4. Cut two small triangles from the card and tape them to the ends of a straw.



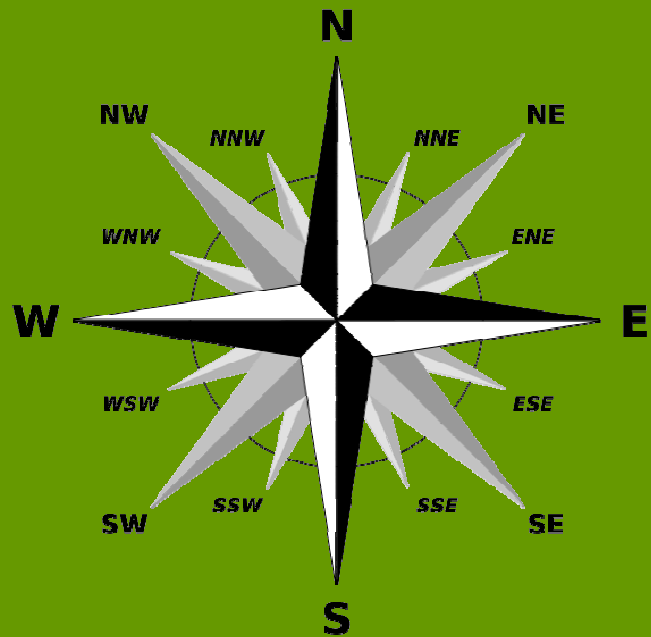
5. Push a pin through the middle of the straw and then into the eraser.



6. Put the vane outside and point it so that N matches North on a compass.



Which way does the wind turn the vane?



REMEMBER:

The wind vane's arrow points in the direction the wind is coming from.