

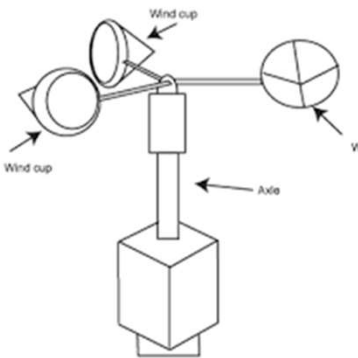


Year 1/2 DT - To make an anemometer

Tier 3 vocabulary	
Meteorologist	Someone who studies the weather.
Anemometer	A piece of equipment used to measure wind speed and direction.
Axis	A real or imaginary line something rotates around.
Design brief	The rules for what you need to do to make a successful product.
Revolution	A turn.
Axle	A rod which rotates.

Anemometers- how do they work?

Wind enters the cups and pushes them round. An axle rotates the vanes smoothly to gain an accurate measurement of wind speed. The vanes hold the cups.



THE EDWARDS ANEMOMETER

Skills and tools

Ruler

To measure with accuracy.



Scissors

For cutting paper and card.



Wood saw

For cutting doweling.



Glue Gun.

For fixing cups to vanes.



Year 1 - Making a toy with an axle

Year 4 / 5 Making a light up moving model.