

### What I should already know:

- ✓ To recognize that different materials and equipment can be used to create different outcomes.
- ✓ To understand some weather and seasonal changes.

### By the end of this unit:

- To select materials that are fit for purpose.
- To record and discuss weather patterns.
- To evaluate and discuss which materials have worked best to create rain gauges and windmills and why this is.


## YEAR 1: Predicting the Weather

### Design Criteria:

To design and make a weather station to predict and record weather patterns over time.



### Key vocabulary

<b>Design</b>	To make or draw plans for a certain purpose or reason.
<b>Evaluate</b>	Deciding if you have done something the best way and looking at what could be improved.
<b>Materials</b>	A range of media including: cardboard, wooden sticks, plastic bottles, straws to design and create your weather station.
<b>Compass</b> 	A tool for finding direction.
<b>Testing</b>	Testing the product to see if it is doing its job correctly. Does your plane travel through the air smoothly?
<b>Predicting</b>	Making a sensible guess on what might happen based on what you know so far about the weather.
<b>Measure</b>	To use different tools e.g. thermometers and rulers to investigate weather changes.
<b>Thermometer</b>	An instrument used to measure the air temperature - how warm or cold it is outside.

