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.

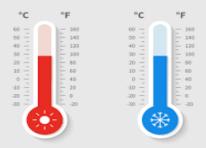
YEAR 1: Predicting the Weather

<u>Design Criteria:</u>

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







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