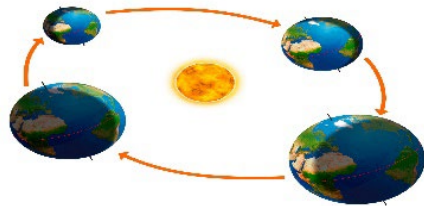




Year 3	<b>Weather and Climate</b>	What is the difference between weather and climate? How does weather and climate influence our lives? Why are we so interested in the weather?
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**Did you know?**

- Weather patterns are different in each season.
- Weather forecasts use different symbols to help us read the maps.
- You can record the temperature using a thermometer to see how hot or cold it is.

There are four **seasons** in the year:

**Spring** - March, April, May

**Summer** – June, July, August

**Autumn** – September, October, November

**Winter** – December, January, February

**Key Vocabulary and Knowledge:**

**Weather:**

The state of the atmosphere at a particular place or time.

**Climate:**

The weather conditions in an area in general or over a long period of time.

**Seasons:**

Each of the four divisions of the year.

**Weather Forecast:**

A statement saying what the weather will be like today, the next day or the next few days.

**Rain:**

Water falls from the cloud in drops.

Weather Symbols:





Year 3

Weather and Climate

What is the difference between weather and climate?  
How does weather and climate influence our lives?  
Why are we so interested in the weather?

**Key Vocabulary and Knowledge:**

**Let's find out...**

**Suggested Activities:**

**Sun:**

A star that provides light and heat to the earth.

**Wind:**

A current of air moving across the earth's surface.

**Snow:**

Small, soft pieces of ice that fall from the cloud when it is cold.

**Weather station:**

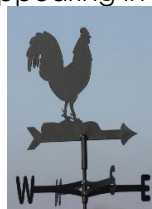
An observation point, either on land or sea, with instruments and equipment for measuring atmospheric conditions to provide information for weather forecasts and to study the weather or climate.



**...how a rainbow is formed:**



A rainbow is a meteorological phenomenon that is caused by reflection, refraction and dispersion of light in water droplets resulting in a spectrum of light appearing in the sky.



A wind vane, weather vane or weather cock is an instrument used for showing the direction of the wind.

**Did you know?**

Did you know the word 'vane' comes from the old English word 'fana' meaning 'flag'?

- Walk around your local area thinking of words to describe the weather. Record these to create a weather words chart.
- Pretend to be a meteorologist and give the weather forecast to your family.
- On a rainy day place a container outside. Measure how much rain your container collects each hour or on various days.
- Read your favourite weather poem aloud to your family.
- Go through old magazines and cut out pictures showing different types of weather. Glue the pictures onto some paper to create a weather collage.
- Grab some paper and a pencil, head outside and draw how the weather looks.