

**Meteorology**

**Explore Term Geography**

**Sun**

# Meteorology

This term is our EXPLORE term

During this term we will be thinking about these questions:

- **Philosophical question:**  
How does where we live affect our identity?
- **Geographical question:**  
How does weather affect our lives?

Today we are going to be learning about sun



# What are we learning today?

## Investigate places:

- Identify the location of hot and cold areas of the world in relation to the Equator and the North and South Poles
- Use world maps to identify countries and continents
- To know that climates vary in different parts of the world

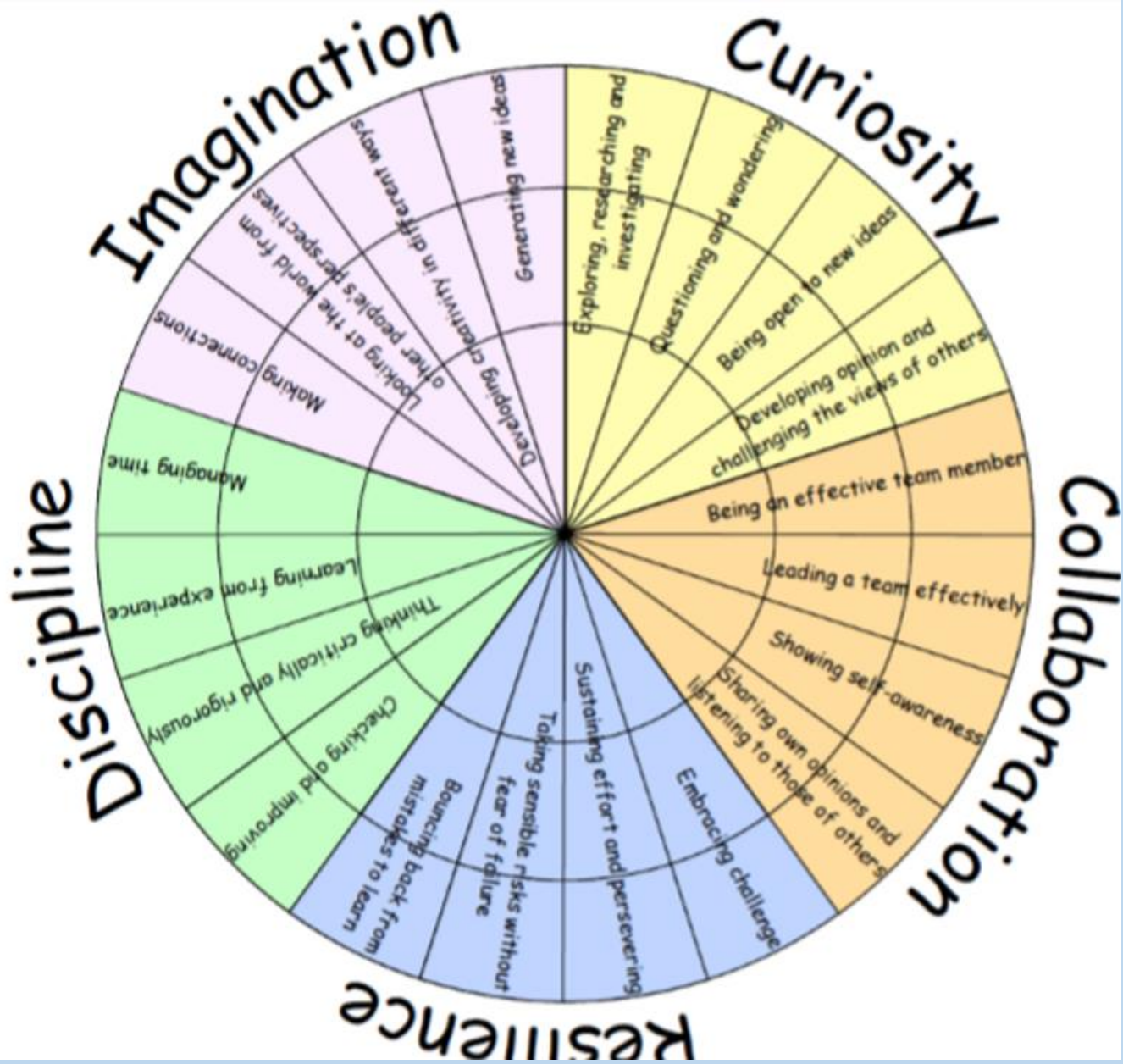
## Learning objectives:

- Identify seasonal weather patterns in the UK.
- To talk about seasonal weather patterns in the UK.
- To gather and record data using weather instruments and use this to answer questions.

## Skills:

- Talk about seasonal weather patterns in the UK
- Gather data using weather instruments and record them on a weather chart
- Answer questions about weather data





## LEARNING HABITS:

Which learning habits do you think we will need to use today?



# Weather - Sun



*The sun is similar to a candle*

*What do you think a candle and the sun have in common?*

*Talk with your talk partner and share ideas*



# Weather - Sun



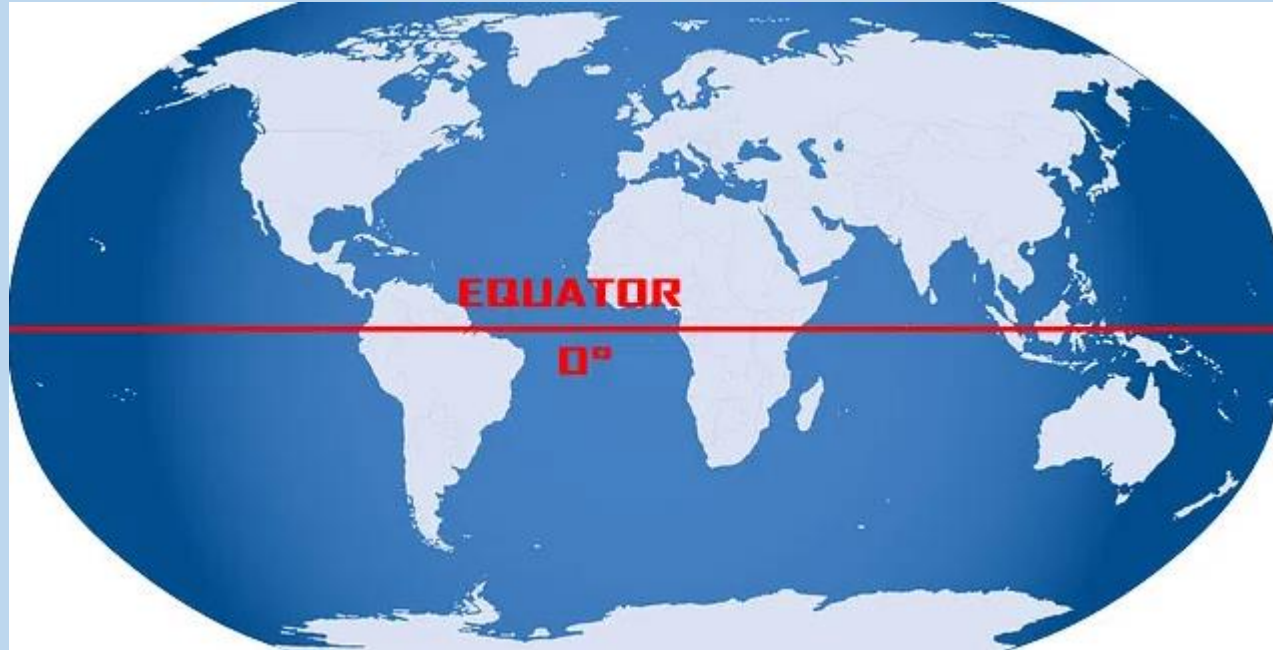
Look at: [photographs of the Sun](#)

*What do you know about the Sun?*

*Can you give me any words to describe temperature?*



# Weather - Sun



*What is the Equator?*

*How does the Equator affect climate?*

*The Equator is an invisible line that geographers have drawn around the middle of the Earth.*



# Weather - Sun



*The closer countries are to the Equator, the hotter and drier they are likely to be.*

*As countries get further away from the Equator, north or south, they get colder.*

Look at: [Google Earth](https://www.google.com/earth/), add the 'Weather' layer and look at countries and their temperatures.

*Can you find a country that has a hot temperature?*

*Now find one that has a cold temperature.*





# Weather - Sun



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*Can you find a country that has a hot temperature?*

*Now find one that has a cold temperature.*

# Weather - Sun



*How can you measure temperature accurately?*

*Have you ever seen a thermometer before?*

*A doctor may have used one to measure your temperature when you were ill.*

Look at: ['Measuring Temperature Using a Thermometer'](#).



# Weather - Sun



*How does a thermometer work?*

*How is the temperature measured?*

*Is the temperature the same in the shade and in the sunshine?*



# Weather - Sun

**Here is a task for you to complete:**

Measure and record the temperature of different locations around your house using a thermometer.

Compare the results:

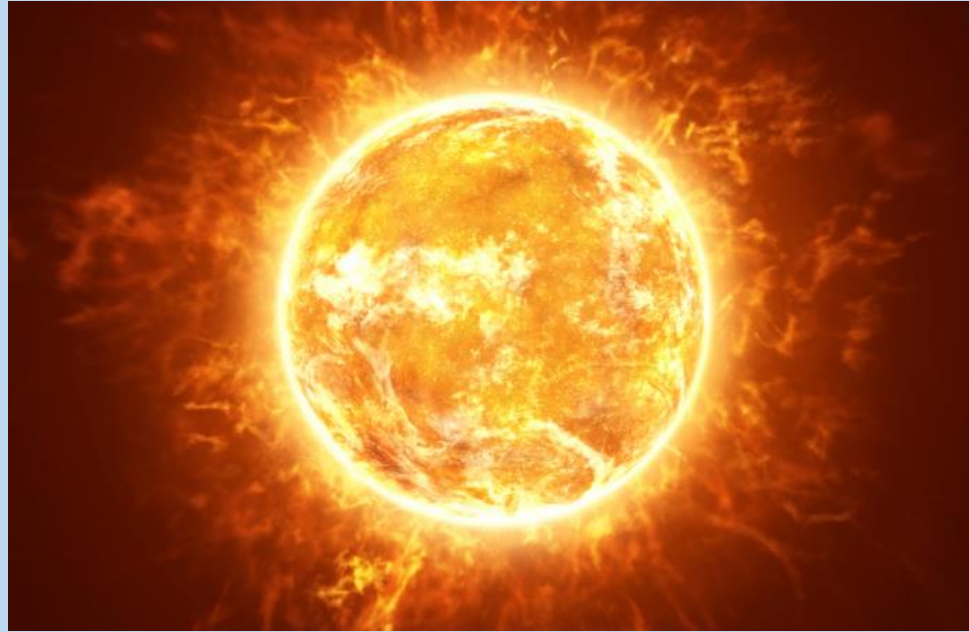
*Which location was the hottest?*

*Which was the coldest?*

*Can you think why?*



# Weather - Sun



*The Sun is very important.*

*There are many stories about the Sun.*

*Later, you will hear a story all about a boy who tried to catch the Sun!*

*Today, you will be making your own sun catcher, which is an object that reflects the sun's light*



# Weather - Sun

## How to Make a Sun Catcher

You will need:

- Tissue paper in various colours
- Scissors
- PVA glue
- Paint brush
- Wax paper
- Double-sided tape



# Weather - Sun

## How to Make a Sun Catcher

1. Cut small pieces of coloured tissue paper
2. Prepare wax paper by laying it flat and spreading some glue onto it
3. place pieces of tissue on top of the paste
4. Continue to place pieces of tissue paper onto the paste
5. When the glue is dry, peel off the wax paper
6. Cut shapes from the coloured tissue paper



# Weather - Sun

How Maui tamed the sun  
A folk tale



[How Maui tamed the sun - BBC Teach](#)

