

# HOW DOES YOUR GARDEN GROW?



## Week 2

### Weather Patterns

In Geography this week, we will be learning the difference between climate and weather. We will then set up our weather equipment to monitor and record the daily UK weather. We will continue to record this over the half term and review what we have found in a few weeks time. We will also learn about the different weather patterns across the UK and why we see such variation. We will then become TV weather forecasters and try to predict the weather!



## Week 3

### Brazil

In Geography this week, we will be learning about a contrasting place from the UK: Brazil. We will learn what the climate of Brazil is like and why that is, thinking about its location.

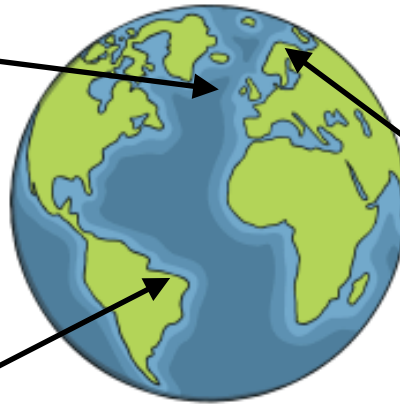
We will also investigate the settlements of Brazil, and what human and physical features Rio de Janeiro has that has caused people to visit or settle there.

## Week 1

### Engage!

This week we will be using a range of materials to create equipment that will help us observe and record the weather this half term: sun catchers, rain gauges and wind streamers.

We will also learn about where hot and cold places are located in the world, in relation to the Equator.



## Week 5

### Express!

### Travel Agents!



This week we will take on the role of travel agents. We will each get to choose one of the places we have learnt about and then create an advert to persuade people to visit our chosen location.

This week we will also be applying all of our learning in Art, to create a mural to show the world climate zones, using colour to represent the different temperatures.

## Week 4

### Polar regions

We are getting rather colder this week - from Brazil to the polar regions!

In Geography this week we will be learning about another contrasting climate and study Tromsø in Norway.

We will learn what life is like for children who live here, and compare it to our own lives. We will think about what we would need to pack for a visit to Tromsø and whether or not we would like to live there.

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## WHAT IS THE TOPIC ALL ABOUT?

As well as the Geography learning outlined on the learning journey, this topic has a clear Science focus: looking at how seeds and bulbs mature into plants. The children will learn that plants need water, light and a suitable temperature to grow and stay healthy. We will also investigate what happens if we take away one of these aspects: will plants grow in the dark? The children will observe the growth of a variety of plants as they change over time from a seed to a bulb, setting up comparative tests to show what plants need to stay healthy.

In Art, we will be learning about the colour wheel: recapping how we can make secondary colours. We will then learn to create shades and tones of colour and how these colours can have links with emotions and temperature. We will use this learning to design and make our own class mural to represent the different climate zones of the world.



## WHAT CAN I DO AT HOME?

- Plant a seed and watch it grow. Perhaps you could try your own investigation: what happens if you don't water the plant or if you keep it in the dark.
- Experiment with making different shades and tones of colour. Try adding the different colours to the same outline to see the difference.
- Create your own mural with chalk on an outside wall or fence. What patterns or designs will you make?
- Choose a country from a different climate zone to research. What is life like for a child there? How is their weather different to ours?
- Complete a weather diary: choose symbols for each type of weather and record what the weather is like each day. You could even research the temperature and keep a track of how it is changing.

### Key Vocabulary

Equator  
hemisphere  
climate  
weather  
pattern  
tropical  
polar  
pattern  
variable  
Beaufort Scale  
human  
physical  
vegetation  
adapt

