

Prior learning: In Reception, children observed seasonal changes and learned about the weather in their daily 'maths meetings'.

## Meet some brilliant scientists...



Carol Kirkwood is a Scottish television weather presenter who has worked for the Met Office and took part in 'Strictly Come Dancing'.



Greta Thunberg is a climate activist from Sweden. At the age of 15, she started to campaign for action on climate change.

## 1. When are the seasons?

We will learn the names of the seasons and in which months they occur.

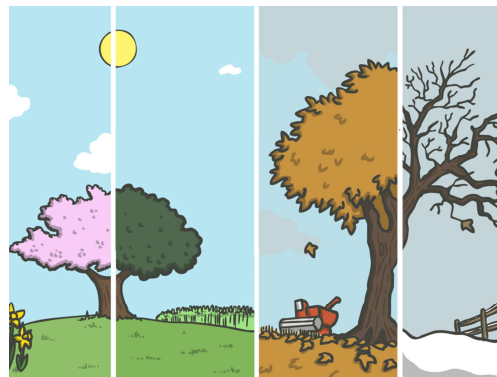


**1 • Brilliant scientists know in which months the seasons occur**

## 2. What are the seasons like?



We will learn about the seasons and the key features of each season. We will observe the seasons throughout the year and record the features and differences. We will also learn how the day length changes throughout the seasons.

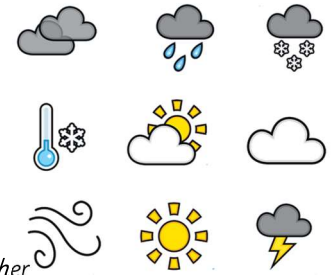


**2 • Brilliant scientists know some key features and differences between the seasons**  
**3 • Brilliant scientists know how the day length changes through the seasons**

## 3. How do brilliant scientists record the weather?



We will learn the different weather symbols and use these to keep a weather diary, including the clothes and equipment we need for each day's weather.

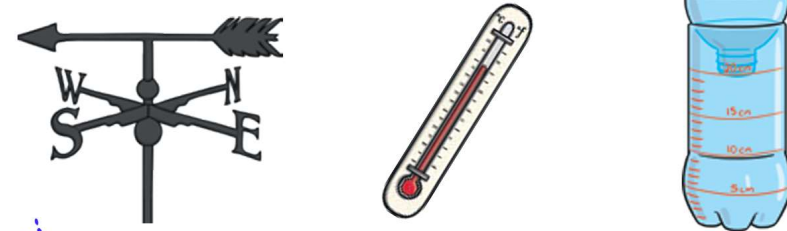


**4 • Brilliant scientists can use symbols to record the weather**

## 4. How do brilliant scientists measure the weather?



We will learn to use equipment to measure the weather, including thermometers, rain gauges and weather vanes. We will then keep a class diary of the weather to observe and record the weather over time.



**5 • Brilliant scientists can use equipment to measure the weather**

## Key vocabulary: Glossary

|        |                                                                          |                  |                                                         |
|--------|--------------------------------------------------------------------------|------------------|---------------------------------------------------------|
| season | the year is divided into four seasons: spring, summer, autumn and winter | climate          | the usual weather conditions of a place                 |
| autumn | the season where leaves fall of the trees                                | temperature      | how warm or cold something is                           |
| winter | the coldest season of the year                                           | thermometer      | an instrument used to measure temperature               |
| spring | the season when new buds and leaves start to grow                        | weather forecast | a prediction of what the weather will be like           |
| summer | the warmest season of the year                                           | weather vane     | an instrument used to measure the direction of the wind |