

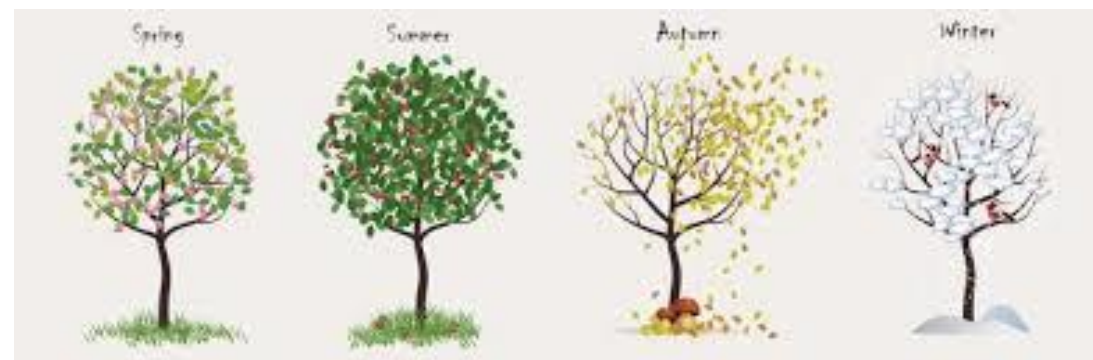


# Knowledge Organiser: Science

## Year 1: Seasonal Changes

### Vocabulary

|          |           |         |        |         |
|----------|-----------|---------|--------|---------|
| spring   | summer    | autumn  | winter | days    |
| sunlight | warmer    | colder  | leaves | weather |
| animals  | hibernate | plants  | grow   | Sun     |
| night    | longer    | shorter | cycle  |         |



### The Big Picture

#### What I should know already...

#### EYFS

- To understand some important processes and changes in the natural world around them, including the seasons.



### Seasonal Changes



Seasonal changes are all about how the natural world and the weather changes throughout the year.

#### 'Know That' Statements

By the end of each lesson, I will know and retrieve that...

**Lesson 1: I can notice and name the key features of autumn and can describe the changes from summer to autumn.**

- As we go from summer to autumn, the days get shorter, and it gets dark earlier.
- There is less sunlight, and it is colder.
- The leaves change colour and fall off trees.



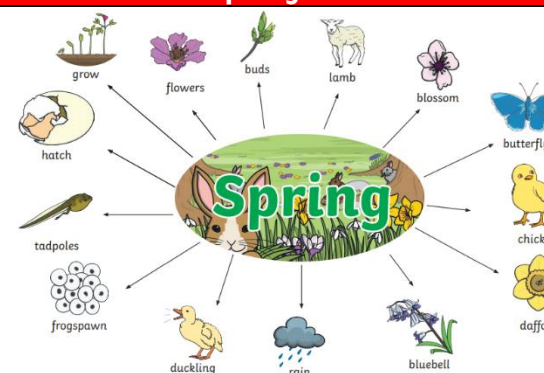
**Lesson 2: I can notice and name the key features of winter and can describe the changes from autumn to winter.**

- As we go from autumn to winter, the weather becomes much colder, wetter and windier.
- The days are much shorter and there is much less sunlight.
- Some animals collect food and hibernate for the winter.



**Lesson 3: I can notice and name the key features of spring and can describe the changes from winter to spring.**

- As we go from winter to spring, the weather gets warmer, and the days get longer.
- We have more sunlight and plants start to grow.
- We start to see some baby animals being born, such as chicks or lambs.



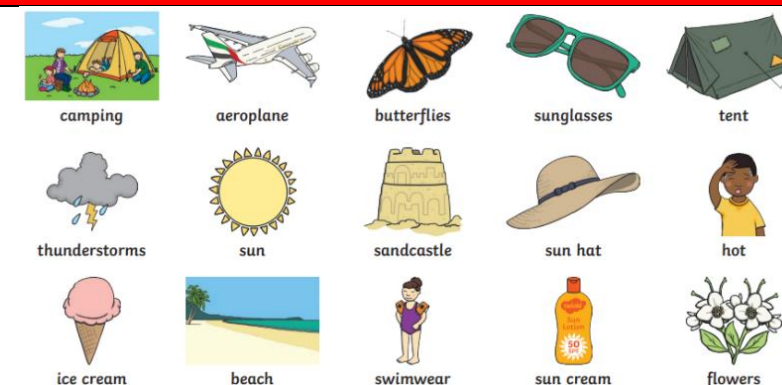
**Lesson 4: I can compare and contrast day length across the four seasons.**

- The Sun only shines on half of the Earth at once. This means it is daytime in some countries and nighttime in others.
- During the summer, the day is longer than the night.
- During the winter, the day is shorter than the night.



**Lesson 5: I can notice and name the key features of summer and can describe changes from spring to summer.**

- As we go from spring to summer, the weather starts to get much warmer and the days are much longer.
- There is more sunlight, and some plants begin to blossom (have flowers).



**Lesson 6: I can compare and contrast weather across the four seasons.**

