Seasonal changes

Knowledge organiser

Year 2

The four seasons

Each year we have these **four seasons** - **spring**, **summer**, **autumn** and **winter**.

The seasons are caused by the Earth **spinning** on a tilt. This makes a repeating pattern.

A **repeating pattern** that goes round and round is called a cycle.

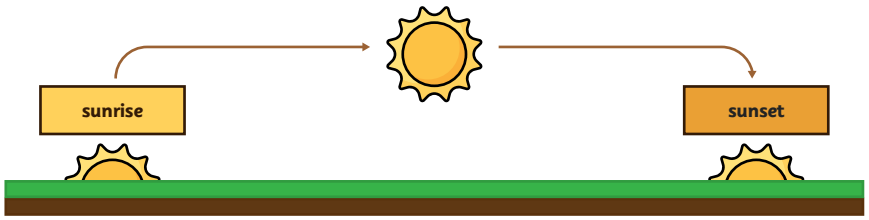


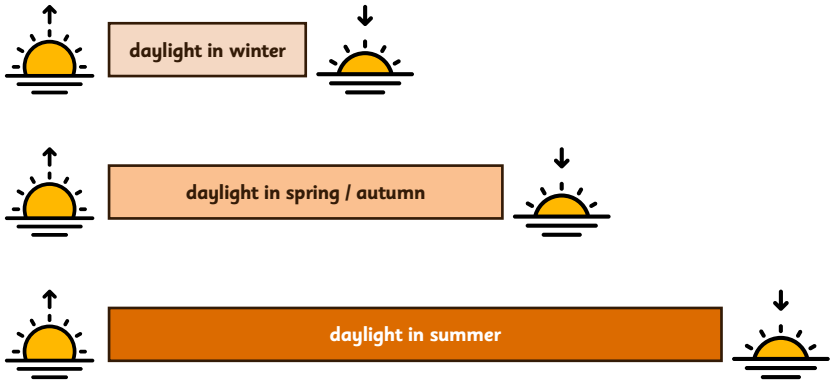
Key vocabulary

pattern	**cycle**	**sunrise**	**sunset**
change	**growth**	**daylight**	**rest**
move	**stay alive**	**living things**	**deciduous**

Daylight hours

During the seasons, the **amount of time** that the Sun is in the sky **changes**. We **measure** the amount of time that the Sun is out by **counting the hours** between the Sun **rising** in the morning and **setting** at night.





Animals, plants and humans through each season

autumn



Animals:
- squirrels **collect** and **store food**
- hedgehogs **eat lots** to get ready for winter



Plants:
- leaves change colour
- leaves fall from **deciduous** trees



Humans:
- wear coats and jackets
- daytime is shorter



Weather:
- cooler
- more clouds and rain

winter



Animals:
- rest by **hibernating**
- grow thick fur to keep warm
- **migrate** to a warmer place



Plants:
- trees look bare
- plants stop growing

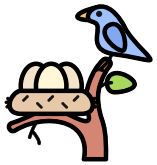


Humans:
- stay indoors more
- use heating to keep houses warm
- wear thicker clothes



Weather:
- the coldest season
- often rains
- sometimes snows
- frosty mornings

spring



Animals:
- build nests
- have babies



Plants:
- grow new leaves
- flowers open
- fruit begins to form

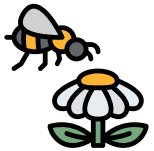


Humans:
- spend time outside
- wear lighter clothes
- enjoy warm weather activities



Weather:
- starts to get warmer
- daylight for more of the day

summer



Animals:
- very active
- bees collect nectar
- plenty of food



Plants:
- lots of growth
- flowers bloom
- trees have green leaves



Humans:
- thinner clothing
- spend more time outside
- holidays



Weather:
- longest daytimes
- warmest weather
- sun rises early