



KNOWLEDGE ORGANISER

SCIENCE: OUR CHANGING WORLD-SEASONS

YEAR ONE

KEY KNOWLEDGE:

QUESTION 1: What are the signs of different seasons?

ANSWER

- **Autumn:** In autumn, the amount of time it is light in the UK becomes less. The leaves start to change colour and fall off the trees.
- **Winter:** The trees have no leaves and the time it is light during the day is at its shortest.
- **Spring:** Trees begin to grow their leaves, plants start to flower and young animals such as chicks and lambs are born.
- **Summer:** Trees have full green leaves and then amount of time it is light for during the day is longer.

QUESTION 2: How is the weather different in each season?

ANSWER

Autumn: In Autumn the weather usually becomes a bit colder and wetter.

Winter: In winter, we generally have colder weather and sometimes snow and frost.

Spring: In spring, the weather usually becomes a bit warmer.

Summer: - In summer, the weather is usually warm.

QUESTION 3: What different kinds of weather are there?

ANSWER

Rain: Comes from clouds; wet liquid; different types of clouds produce different intensities of rain.

Snow: Comes from cold clouds; solid water; always has a hexagonal shape (an ice crystal grows in this pattern).

Sun: Clear day; depending on where the sun is in the sky controls how hot it is.

Hail: Frozen rain (not a crystal like snow).

Hurricane: High winds, lots of rain.

Tornado: High winds that swirl around violently.