

# Mexborough St John the Baptist c of E Primary School - Science

**Topic: Earth**

**Year: 1**

**Strand: Physics**

## What should I already know?

- The weather changes throughout the year.
- Our environment changes across the year.

## What will I know by the end of the unit?

Seasons

- I will know the weather patterns of each season.

Winter:

- Snow, cold, ice, wind, rain, sleet, hail, fog, frost

Autumn:

- Cold, wind, cool, fog, drizzle, storms, thunder, lightning

Spring:

- Sun, rain, mild, rainbows, cloudy, dew, showers

Summer:

- Sun, warm, hot, mild
- I can explain how the day length varies between each season.



## Vocabulary

Season	A season is a period of the year that is distinguished by special climate conditions
mild	Mild weather is weather that is neither too hot, too cold, too humid nor rainy-weather that could also be described as being "pleasant".
fog	Fog shows up when water vapor, or water in its gaseous form, condenses. During condensation, molecules of water vapor combine to make tiny liquid water droplets that hang in the air.
hail	supercooled water, which is refrozen in the atmosphere, before falling back to the ground as a sizable ice ball.
Weather	Weather is the state of the atmosphere, including temperature, atmospheric pressure, wind, humidity, precipitation, and cloud cover.
Autumn	In autumn, the weather begins to get colder. The leaves start to fall from tree. The amount of daylight becomes less- this means the daytimes are shorter and the night times are longer.
Winter	In winter, the weather is much colder. Sometimes it is cold enough to freeze, leaving frost and sometimes it snows. Many trees have bare branches as all their leaves fall off. Daytimes are the shortest in the year and night times are longest.
Spring	In spring, the weather starts to get warmer. The leaves begin to grow back on trees and some may blossom. Plants begin to grow. Daytimes get longer
Summer	In summer, weather gets hotter. Daytime is long and the nights are short. Trees are full of leaves and there are lots of flowers, bees, butterflies and other insects.

## Investigate

- Observe signs of different seasons
- Explore the weather changes outdoors and how immediate environment changes according to each season
- Observe the change in the length of days in spring and summer compared to autumn and winter.

