

Castlefield School-Science Theme: The World Around Us

Key Concepts

There are four seasons – autumn, winter, spring & summer

Topic: Seasonal Changes Year: One

A season when the weather becomes colder and the autumn

leaves fall off the trees. The amount of time where there is daylight.

deciduous

day length

freeze

hibernate

season

spring

A tree that loses its leaves in the autumn every year.

When it freezes outside, the temperature falls below O degrees.

Animals that spend the winter in a state of deep

A season when the weather is usually hot or warm.

A measure of how hot or cold something is.

Key Vocabulary

Strand: Physics

months A year is split into 12 months. Each month has between 28-31 days in it.

The main time of year which has its own typical

weather. A season when the weather becomes warmer and

plants start to grow again.

temperature

summer

A season where the weather is usually cold. winter

Working Scientifically Skills



Asking questions

find answers



Explaining results - saying what we found out



Using books, videos, the internet, people and photos to



Recording information Looking for patterns sorting and grouping

Observing and measuring

Famous Scientists



Gabriel Fahrenheit (1686 – 1736) – Inventor of the first modern thermometer.

Autumn • September, October & November make up autumn.

The temperature beings to fall, which means it gets colder. **autumn**

- The leaves on deciduous trees change colour and begin to fall to the ground.
- The days get shorter and the nights get longer.





winter

snowmen



Winter

December, January & February make up winter. • In Winter, it gets colder still - this is because the temperature has fallen.

- Sometimes, it can freeze overnight and there may be ice and frost.

Deciduous trees have completely lost their leaves and the branches are

- Winter has the shortest days and the longest nights of all the seasons.

Spring

• March, April & May make up spring. In Spring, it gets warmer and the temperature begins to rise.

- Leaves begin to appear on deciduous trees.
- Some trees begin to blossom.
- Many plants begin to grow.
- Lambs are born and chicks begin to hatch.
- The days become longer and the nights become shorter.

Summer • June, July & August make up summer.



• The days get longer and the nights get shorter.

• Summer has the longest days and the shortest nights of all the seasons