

Science, Year 1 - Seasonal Changes

Learning Objectives -

- ◆ Observe changes across the 4 seasons throughout the year.
- ◆ Observe and describe weather associated with the seasons.
- ◆ Identify how day length varies.

What should I already know?

- ◆ There are times when it is hot outside and times when it is cold outside.
- ◆ Different types of weather observed.
- ◆ The months of the year.

Scientific Vocabulary -

Summer
Winter
Autumn
Spring
Day
Daytime
Weather
Wind
Rain
Snow
Hail
Sleet
Fog
Sun
Hot
Warm
Cold
Temperature



What will I know by the end of this unit?

There are 4 seasons -

- ◆ **Autumn** - September, October, November.
- ◆ **Winter** - December, January, February.
- ◆ **Spring** - March, April, May.
- ◆ **Summer** - June, July, August.



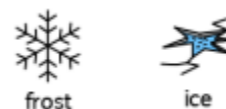
Autumn -

- ◆ The temperature begins to fall, meaning it gets colder.
- ◆ The leaves on trees change colour and fall to the ground.
- ◆ The days get shorter and the nights get longer.
- ◆ The weather may be slightly sunny, windy or rainy.



Winter -

- ◆ As the seasons change from Autumn to Winter it gets even colder. The temperature drops again.
- ◆ Sometimes, it can freeze overnight and you may see frost or ice in the morning.
- ◆ Winter has the shortest days and the longest nights.
- ◆ The weather may be windy, rainy and chilly. It may even snow!
- ◆ The clothes you might wear include warm coats, scarves and gloves.



Spring -



- ◆ As it changes from Winter to Spring, it gets warmer. This means the temperature begins to rise.
- ◆ Leaves begin to appear, blossom starts to bloom, plants begin to grow, lambs are born and chicks hatch.
- ◆ The days start to become longer and the nights become shorter.
- ◆ The weather might get more sunny, but it can still be rainy and windy on some days.



- ◆ The clothes you might wear include long sleeved tops and trousers. The closer it gets to summer, the warmer it will get.

Summer -



- ◆ As it changes from Spring to Summer, it gets even warmer!
- ◆ Summer has the longest days and the shortest nights.
- ◆ The weather may be hot and sunny. There may not be many clouds in the sky.
- ◆ The clothes you wear might include t-shirts, shorts or swimming costumes.
- ◆ It is very important to stay safe in the sun - wear sun cream, sunglasses and hats.

