

## Autumn 2 Science Knowledge Organiser: Autumn and Winter

### Lesson one: What are the four seasons?

There are **four** seasons in the year. The seasons are autumn, **winter**, **spring**, and **summer**. There are different **months** in each season.



autumn



winter



spring



summer



September  
October  
November



December  
January  
February



March  
April  
May



June  
July  
August

### Lesson two: What is the weather like in autumn?

We can use **symbols** to show what the weather is like.

**Weather forecasts** tell us what the weather is going to be like.



forecast



weather



In autumn, it gets **colder** and the weather can be **sunny**, **cloudy**, **windy**, and **rainy**. In autumn, we need to wear clothes that keep us **warm**.

### Lesson three: What happens to plants and animals in autumn?

In autumn, we can see many changes in the world around us. Leaves change colour and fall from the trees.

We can see lots of **berries** and **nuts**.

Some birds **migrate** to warmer places, and some animals store food for the winter.



berries



fruit



fungi

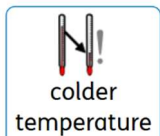


migration



nuts

### Lesson four: How does the weather change from autumn to winter?



colder temperature



bare trees



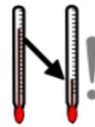
shorter days

The **temperature** gets **colder** from autumn to winter.

Some trees **lose their leaves** and become **bare**.

The **days** get 'shorter', meaning that in winter we get fewer hours of daylight during our usual 24-hour day.

### Lesson five: What is the weather like in winter?



In **winter**, it usually gets **colder** than it was in autumn. The weather can be **cloudy** or **sunny**. It can be **windy**, **rainy**, **sleety**, or **snowy**. It does not always snow in winter.



snow



sunny



sleet



We need to wear warm clothes in winter, to keep ourselves warm.



rainy



windy



foggy

### Lesson six: What happens to animals in winter?

Some animals **hibernate** for the winter.

Some animals stay near their **home**.

Some animals are still **active** in winter.



dormouse



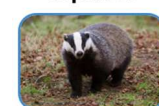
squirrel



deer



hedgehog



badger



fox



hibernate

"**Hibernate**" means that the animals hide in a warm place, away from the cold, and go to sleep for most of the winter.