

Merry Hill Infant School and Nursery - Knowledge organiser—Science

Topic: Seasonal Change—Winter

Year Group : 1

Term: Spring 1

Key Knowledge

What might I see in winter?



What happens to the trees, flowers and plants in winter?

Some trees lose all their leaves in winter. There won't be so many plants and flowers because it is too cold.



What is the weather like in autumn?

The temperature gets even colder than it was in autumn. Sometimes there is snow.



What happens to the amount of daylight and night in autumn?

In winter the amount of daylight gets even shorter and it gets dark earlier in the day than in autumn.

Daylight Hours:

Autumn—

September 13	October 11	November 9
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Winter—

December 8	January 8	February 10
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Key Vocabulary

frost	A thin layer of ice that covers something.
Daylight	When it is light outside.
Night	When there is no daylight.
Season	A season is a part of the year.
Weather	The weather is what it is like outside.
winter	Winter is a season. It is before spring and after autumn.

There are four seasons in one year.

The seasons are spring, summer, autumn, winter.



A rain gauge is an object used to collect and measure rainfall.

Merry Hill Infant School and Nursery - Knowledge organiser




Science

Topic: Animals

Year Group : 1

Term: Spring 1

Key Knowledge

What do animals eat?	Animals like humans eat different things.
What are carnivores?	<p>Animals that eat meat, including other animals are called carnivores.</p>  <p>Sharp teeth sharp claws move very fast</p>
What are herbivores?	<p>Animals that eat plants are called herbivores.</p>  <p>Flat teeth eat plants, fruit, seeds and nuts</p>
What are omnivores?	<p>Animals that eat meat and plants are called omnivores.</p>  <p>They can have sharp teeth and flat teeth</p>

Key Vocabulary

Beak	The nose and mouth of a bird.
Different	Not the same.
Fin	A part that sticks out from a fish's body. Fins help fish to swim and move in water.
Flippers	A body part that is used for swimming.
Fur	A soft hair that grows on the body of some animals.
Gills	Gills allow fish to breathe air underwater.
group	To put things together that are the same.
Pet	An animal that is kept and looked after by humans.
Same	
scales	Hard, shiny plates found on fish and reptiles.
Wild animal	An animal that lives in the wild and does not need to be looked after by humans.

Joan Procter



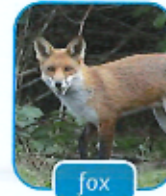
Joan was a zoologist who studied reptiles and amphibians.

She designed the reptile house at the zoo.

Animals

An animal is a living creature.
There are different types of animals.

Mammals



Mammals have hair or fur.

Birds



Birds have



Fish



Fish live in water, they have fins and gills. Most fish have scales.



Amphibians



Smooth, wet skin



Dry, bumpy skin

Amphibians can live on land and in water.

Reptiles



Reptiles have dry, scaly skin. Some reptiles have legs, some