

#### Aim

• I can explain how some animals adapt in winter.

#### Success Criteria

- I can name 3 animals which adapt to cope with winter weather.
- I can describe how a chosen animal adapts to cope with winter weather.

## Winter Weather



What do you already know about winter? Tell your partner.





## How People Adapt

Think about what you and your family do during the winter. Use these questions to help you.

What do you wear in winter?

How do you keep warm indoors and outdoors?

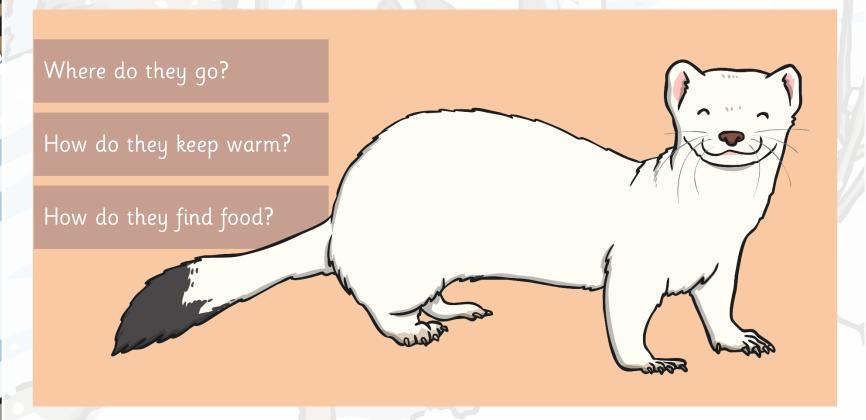
What do like to eat in the winter?

What do you do after school?



# How Animals Adapt

Think about what animals might have to do during the winter. Use these questions to help you.



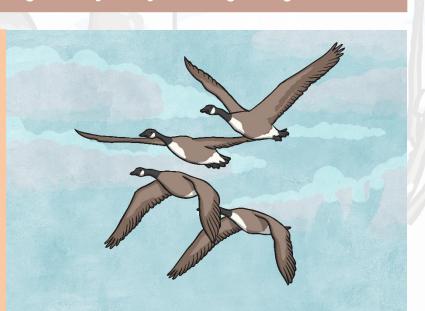
Animals cope with winter weather by doing one of the following things...

Hibernate: Some animals hibernate for some, or all, of the winter because the weather is cold and it is hard to find food. They find a safe place and fall into a very deep sleep. They don't need to eat because during the autumn they eat extra food to help feed them in winter.



Animals cope with winter weather by doing one of the following things...

**Migrate**— Some animals **migrate**, which means they travel to another place where the weather is warmer and it's easier to find food.



Animals cope with winter weather by doing one of the following things...

Adapt – Some animals adapt, which means they change their behaviour or bodies. Some animals grow thicker fur to keep warm, some eat food which they have collected in the autumn and saved for winter, and other animals eat different kinds of food as the seasons change.





Hedgehogs hibernate.

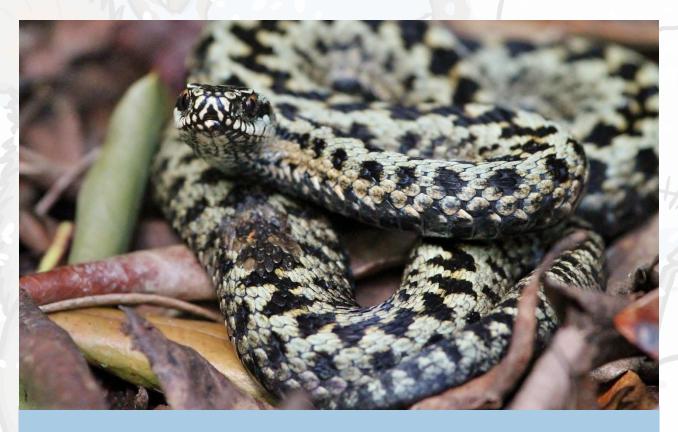
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Photo courtesy of chimothy27 (@flickr.com) - granted under creative commons licence - attribution



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Adders hibernate.

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Most whales migrate.

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Some butterflies, like the monarch butterfly, **migrate**.

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Lots of birds, like the swallow, **migrate** to warmer countries in winter.

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Some animals, like Exmoor ponies, **adapt** to winter conditions by growing an extra layer to their brown coats.

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Herdwick sheep can survive harsh winters because they have blizzard-proof fleeces.

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1. If an animal migrates, what does it do?

A. Goes to sleep for the winter.

C. Travels to a warmer place.

B. Keeps very still for a long time.

D. Goes for a ride in a car.

Click again to reveal answer

## Animals in Winter Quiz



#### 2. Which 3 animals hibernate in winter?

A. Dormice, bats and hedgehogs.

B. Dormice, cats and hedgehogs.

C. Dormice, rats and hedgehogs.

D. Dormice, hats and hedgehogs.

Click again to reveal answer

## Animals in Winter Quiz



#### 3. Why do some animals hibernate in winter?

A. Because they are lazy.

B. Because they get very tired.

C. Because they get bored.

D. Because it gets colder and it's difficult for them to find food.

Click again to reveal answer

