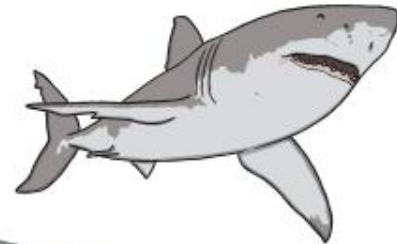




Science

Living Things and Their Habitats

Working Together, Staying Alive



Aim

- I can identify how an animal is suited to its habitat.
- I can explain how living things in a habitat depend on each other.

Success Criteria

- I can describe the features of some animals.
- I can identify the needs of different plants and animals.
- I can suggest how an animal survives in its habitat.

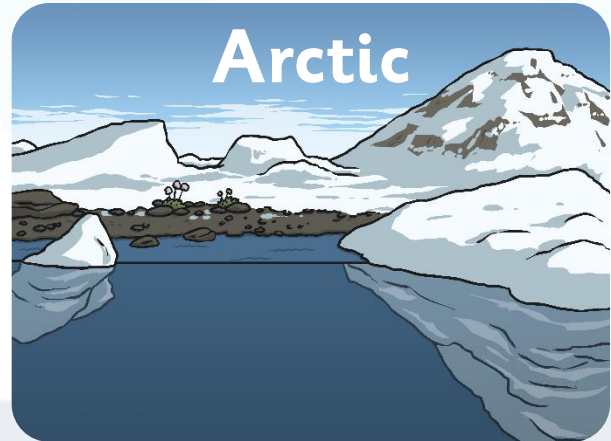
- I can explain why the plants in a habitat need the animals.
- I can explain why the animals in a habitat need the plants.

World Habitats

Do you remember the world habitats we researched last lesson?



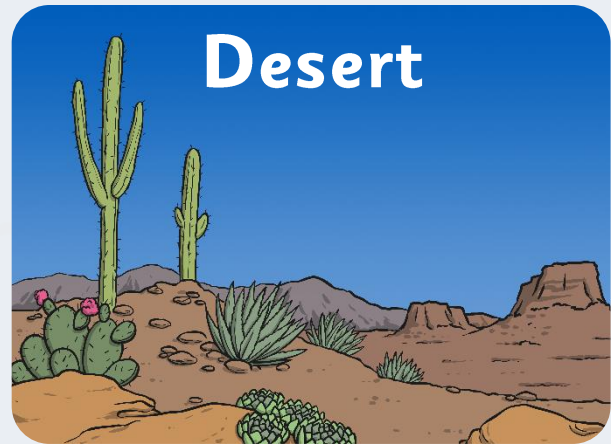
Rainforest



Arctic



Ocean



Desert

World Habitats



What are ocean habitats like?

Can you remember some plants or animals that live here?

Oceans

Animals of the Oceans



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World Habitats



What is the Arctic habitat like?

Can you remember some plants or animals that live here?

An illustration of an Arctic landscape. In the foreground, there is a large, jagged ice floe floating in dark blue water. In the middle ground, a small, dark, rocky island with a few small, pinkish flowers is visible. In the background, there are snow-capped mountains under a light blue sky with white clouds.

The Arctic

Animals of the Arctic



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World Habitats



What are tropical rainforest habitats like?

Can you remember some plants or animals that live here?

Tropical Rainforests

Animals of Tropical Rainforests



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World Habitats



What are desert habitats like?

Can you remember some plants or animals that live here?

A colorful illustration of a desert landscape. In the foreground, there are several cacti: a tall saguaro with two arms, a prickly pear with pink flowers, and a cholla. There are also agave plants and small shrubs. The ground is brown and rocky. In the background, there are brown hills and a blue sky with white clouds.

Deserts

Animals the Desert



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Dependency

Living things in a habitat **depend** on each other. This means they need each other to stay alive.

Squirrels and oak trees are part of a woodland habitat.

Why might this squirrel need an oak tree to stay alive?



Food: Acorns are a squirrels favourite food.



Safety: Living high in an oak tree gives squirrels protection from foxes and badgers, and gives them a safe place to have babies.

Shelter: The oak tree protects the squirrel from the wind, cold and rain, and bigger animals.





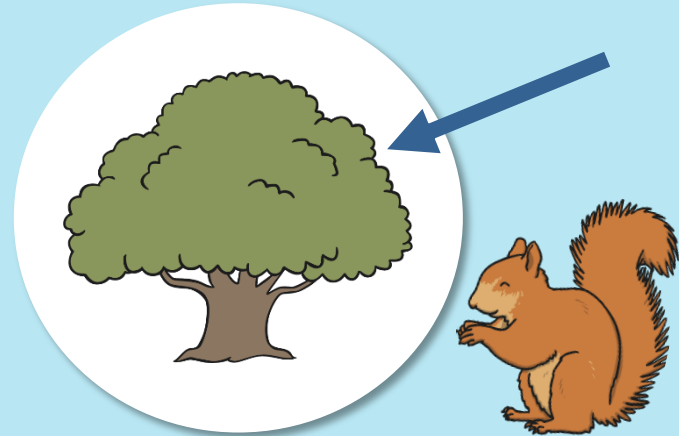
Dependency

Why does an oak tree need a squirrel?

The oak tree needs the squirrel to **spread its seeds.**

The squirrel collects lots of acorns, and buries some to save for later.

It carries them far away from the tree and hides them under the ground, away from other animals.



Sometimes the squirrels forget to go and dig them up again.

These acorns grow into new oak trees.



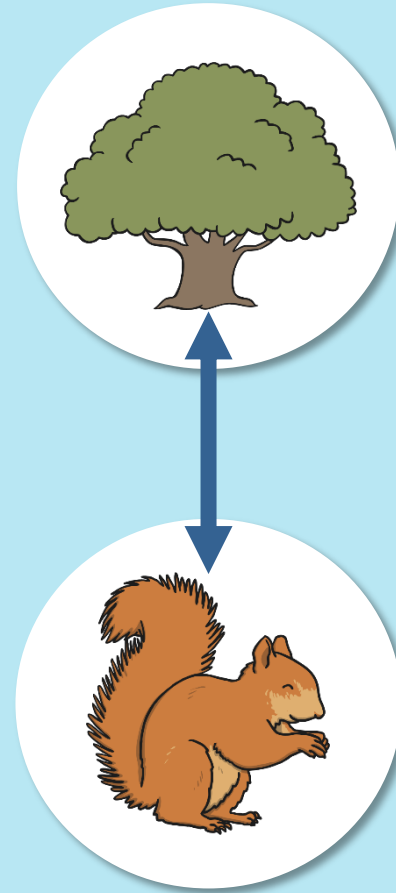


Dependency

The squirrel needs the oak tree for **food** and **shelter**.

The oak tree needs the squirrel to **spread seeds** so new trees can grow.

The oak tree and the squirrel **depend** on each other. This means they need each other to stay alive.





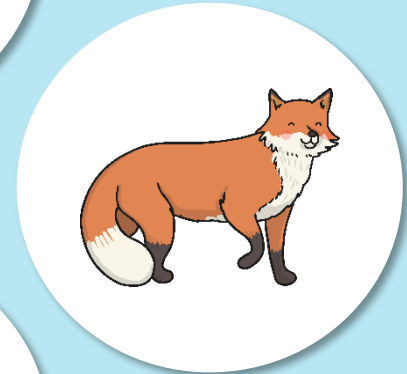
Dependency

Why do foxes need squirrels?

Foxes **eat** squirrels.

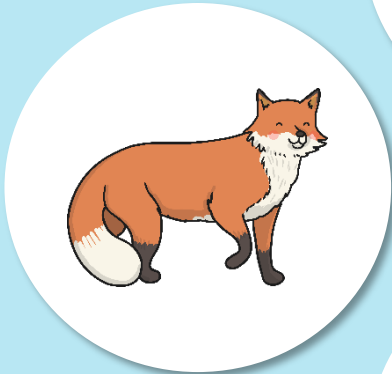
Why do foxes need oak trees?

If there were no oak trees, there would be fewer squirrels, so there would be less food for the foxes.





Dependency



Can anyone think how the foxes are helping the oak trees?

If there were no foxes, there would be more squirrels.

The squirrels might eat all of the acorns and then no new oak trees could grow.

All of the living things in this habitat depend on each other to survive.

What about Us?



How do humans depend on other living things to stay alive?

What living things depend on us for survival?



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- I can suggest how an animal survives in its habitat.

- I can explain why the plants in a habitat need the animals.
- I can explain why the animals in a habitat need the plants.

