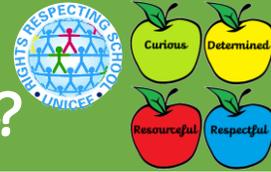




As Scientists, our big question is...

Which wild animals and plants thrive in our local area?



REMEMBERING

Prior Learning

- Compare things that are living, dead, and things that have never been alive.
- Identify and name a variety of plants and animals in their habitats, including microhabitats.
- Understand how animals are suited to their habitat.
- Describe how animals obtain their food, using the idea of a simple food chain.



UNDERSTANDING

Sticky Knowledge

- Animals, including humans, need the right types and amount of nutrition, which they get from the food they eat.
- Humans and some other animals have skeletons and muscles for support, protection and movement.
- Some animals have back bones and they are known as vertebrates.
- Some animals do not have a back bone and they are known as invertebrates.
- Vertebrates can be split into 5 broad groups: reptiles, fish, birds, amphibians and mammals.
- Changes to our environment can be natural or man made.
- Changes to our environment can be positive or negative.



Going further with your learning...

Research a natural disaster that could have a negative impact on an animals habitat. Visit Plymouth Aquarium or Paignton Zoo to find out more about habitats.

APPLYING

My Aspirations

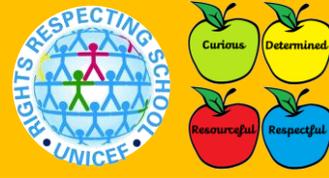
When you are older you could become a: beekeeper, an agricultural contractor, biologist, animal care worker, ecologist or a farmer.

Vocabulary

Classification	Vertebrates	Invertebrates	Specimen	Characteristics	Environment
This is where plants or animals are placed into groups according	Animals with a backbone.	Animals without a backbone.	A particular plant of animal that scientists study to find out about its	The distinguishing features or qualities that are specific to a	The surroundings or conditions in which a person, animal, or plant



As Geographers, our big question is... Why are rainforests important to us all?



REMEMBERING Prior Learning



UNDERSTANDING Sticky Knowledge



Going further with your learning...

Could you create a research project about another rainforest in the world? Find out where it is located, what plants and animals live there. Do any people live there? Can you find out any other key facts and present them in an interesting way?

APPLYING My Aspirations



When you are older, you could work for a rainforest protection charity, become a sustainable farmer, researcher or a geography teacher/lecturer.

- Rainforests are located near the Equator between the Tropics.
- The climate in a rainforest is the same all year round: hot and humid with 6mm of rainfall on average on each month. It usually rains everyday.
- Rainforests have 4 layers: forest floor, understory, canopy and emergent layer,
- The Amazon is the largest rainforest in the world. It covers 5.5 million square KM.
- The Amazon spans 8 countries in South America including; Brazil, Bolivia and Peru.
- The Amazon is home to over 30 million species of plants and animals.
- The Amazon is home to tribes of people who live a lot differently to people in the UK.
- We get many everyday objects from the Amazon including; rubber, tea, coffee, vanilla and chocolate.

Name the continents of the world and find them in an atlas. Name the world's oceans and find them in an atlas. Locate some of the world's major rivers and mountain ranges. Identify North, South, East and West associated with maps and compass points.



Vocabulary

Climate	Deforestation	Equator	Weather	Native Tribes	Species
The average weather conditions over a long period of time.	The cutting down and clearing of forests.	An imaginary circle running round the centre of the earth.	The specific condition on a given day.	The original settlers of an area.	A group of similar animals or plants.