

Study Block: Food chains

- What should I know already?
- The name of common animals fish, amphibians, reptiles, birds and mammals
 - The name of common animals that are carnivores, herbivores and omnivores
 - The structure of a variety of common animals
 - The names of wild and garden plants
 - What things are alive, dead and have never been alive
 - What a habitat / microhabitat is

Diagram / Map / Photo etc...

eaten by

What will I know by the end of the unit?

- I will know that.....
- Every living thing needs food in order to create energy. This process is called nutrition.
 - Plants achieve nutrition by photosynthesising using water, carbon dioxide and light.
 - Animals cannot photosynthesise. They need to eat food in order to get energy.
 - Therefore living things depend on one another to live.

What is a food chain?

- The animals and plants in any habitat are linked together through food chains.
- Food chains show what animals eat.
- Within a food chain, some living things create the energy (producers) and some use the energy (consumers).
- Plants are producers of energy, as they make their own food (using sunlight, soil, and other elements).
- Energy passes from one animal to another as they eat plants or one another. This flow of energy from one living thing to another is called a food chain.
- The arrows in a food chain mean 'is eaten by'.

What the four types of consumers are?

- There are four different types of consumers in the animal kingdom. A carnivore, a herbivore, an omnivore and a scavenger.

What animals and plants create a food chain in a Brazilian habitat?

- Producer - Grass, Palm Tree, Bromeliad Plant, Orchid, Mango Tree, Banana Tree,
- Consumer – Prey - Brazilian Tapir, Golden Lion, Three Toed Sloth, Spider Monkey, Toucan, Howler Monkey, Mosses
- Consumer – Predator - Caiman, Jaguar, Ocelot

Vocabulary	
<i>Word</i>	<i>Meaning</i>
Deforestation	The clearing or cutting down of forests by humans.
Food	The material that people and animals eat
Food chain	a series of living things which are linked to each other because each thing feeds on the one next to it in the series
Producer	A plant that produces its own food.
Consumer	An animal that consumes (eats) plants or other animals)
Prey	an animal that is hunted or killed by another animal for food
Predator	is an animal that eats other animals
Energy	The ability to do work. How things change and move.
Scavenger	an animal that eats dead animals.
Herbivore	an animal that only eats plants.
Carnivore	an animal that only eats other animals.
Omnivore	an animal that eats both plants and animals.
Rainforest	A forest habitat. They are found in warm places, and are full of many tall trees and leafy plants. It's called 'rainforest' because it also gets a lot of rain every year, helping all the plants grow.
Nutrition	Vitamins, minerals, etc that is in food.
Photosynthesis	How plants create energy

See previous living things KO vocab