

AMAZONIA

SCOTLAND'S INDOOR TROPICAL RAINFOREST

DINNERTIME IN THE RAINFOREST

Primary 4-7, Second Level

Dinnertime in the rainforest

All the plants and animals in the rainforest need to get energy to survive. Plants get their energy from the sun, animals need to eat food to get energy. They are linked together in an ECOSYSTEM

CARNIVORE = Could eat any kind of animal material including mammals, fish and insects.

HERBIVORE = Could eat any kind of plant material including leaves, fruit, flowers, nectar, tree sap.

OMNIVORE = Could eat any mixture of plant and animal material

PREDATORS eat other animals

PREY are eaten by other animals

An animal can be both a predator and prey to another predator.



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Look at the pictures of these animals. Are they CARNIVORES, HERBIVORES or OMNIVORES?
Are they PREDATORS, PREY or both?

Write what you think in the column next to the picture

ANIMAL	CARNIVORE/HERBIVORE/OMNIVORE	PREDATOR/PREY/BOTH
 fruit bat		
 black tailed marmoset		
 red eyed tree frog		
 blue morpho butterfly		
 cricket		
 toco toucan		
 spectacled caiman		
 jaguar		



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Food chains

For each of the animals above think of one type of food it eats and one animal that might eat it. Use other animals from the list or think of your own. The arrows go from the food to the feeder.

The arrows show how energy flows from one animal to another.

Remember there will be several correct answers. The first is done for you but you might think of another answer.

fruit	→	FRUIT BAT	→	tree snake
_____	→	TOCO TOUCAN	→	_____
_____	→	MILLIPEDE	→	_____
_____	→	TREE FROG	→	_____
_____	→	CAIMAN	→	_____
_____	→	JAGUAR	→	_____
_____	→	MARMOSET	→	_____
_____	→	BUTTERFLY	→	_____

Did you have trouble with the Caiman or the Jaguar? What might eat them?

Animals like Caiman and Jaguar are called top predators.

There aren't many animals that can kill them as adults but think about what might eat them when they are babies.

Often their most dangerous predator is an animal we're very familiar with-humans!



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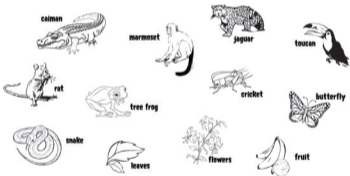
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Food Webs

Most animals will eat more than one thing and each prey animal could have several predators. Look at the plants and animals below and draw lines to the animals that eat them.



Looks a bit messy doesn't it? This is a food web and within it there are several different food chains.

The plants and animals in the rainforest really need each other for survival. Imagine what would happen if any one of these animals suddenly went extinct.

Discuss with the rest of your class:

What might happen to the other animals in the food web? What might happen to the plants? Some of the animals are needed for more than just food.



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DESIGN A RAINFOREST ANIMAL

Primary 4-7, Second Level

My animal is called a
.....

Where does it live?

What does it eat?

How does it eat?

Whats eats it?

What colour is it?

What size is it?

Does it live alone
or in a group?

How does it find
its food?

How does it keep safe?

How does it move?

Does it want to be hidden or visible?

What adaptations does it have to help it survive?

