FOOD CHAINS

QUESTIONS

What are food chains?

What is a producer?

What is a consumer?

What happens if the food chain breaks?

Primary Consumer – These are animals that only eat producers, such as herbivores (caterpillars, butterflies, locusts) and omnivores (frogs).

Secondary Consumer – These are animals that eat primary consumers such as mice and small birds.

Tertiary Consumer – These are animals that eat secondary consumers such as big cats, birds of prey and wolves.

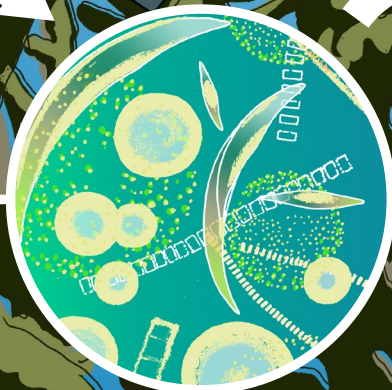Support is needed at each trophic level to sustain a healthy population so it does not collapse or suffer damage.

Philippine Reef & Rainforest Project, Danjugan.

In 1992, World Land Trust assisted in the purchase of Danjugan Island to avoid it being turned into a tourist development. Afterwards, surveys began on the coral reef surrounding the island, so that more could be learnt about the incredible habitat.
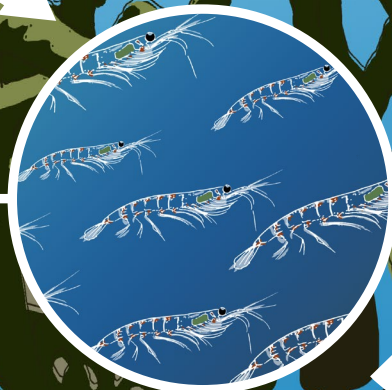Without the island being protected, these important surveys may not have been carried out, which would have had a potentially negative impact on the marine food chain including the magnificent Whale Sharks.

10 BAT SPECIES — SAVED

22 BUTTERFLY SPECIES — SAVED

79 BIRD SPECIES — SAVED

244 CORAL SPECIES — SAVED

572 FISH SPECIES — SAVED

PRODUCER
The ocean

PRIMARY
Phytoplankton

SECONDARY
Krill

TERTIARY
Whale Shark

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FOOD CHAINS

Key Stage 1

Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.

Create a food chain with a variety of species, visualised by a mobile or paperchain, and match to habitats.

Write a poem orsong on food chains. Use the popular tune from "Dem Bones". Start with the producer and end with tertiary consumer.

Key Stage 2

Create lift flaps to show more information about each species and to test knowledge.

Create posters to match up with different parts in the chain.

Create a matching game for different food chains from different habitats

For further learning, create a hierarchy to show the difference of numbers from producer to the top predator.

Use in conjunction with All Living Things

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