

# Ocean Kids

## Food Webs Worksheet

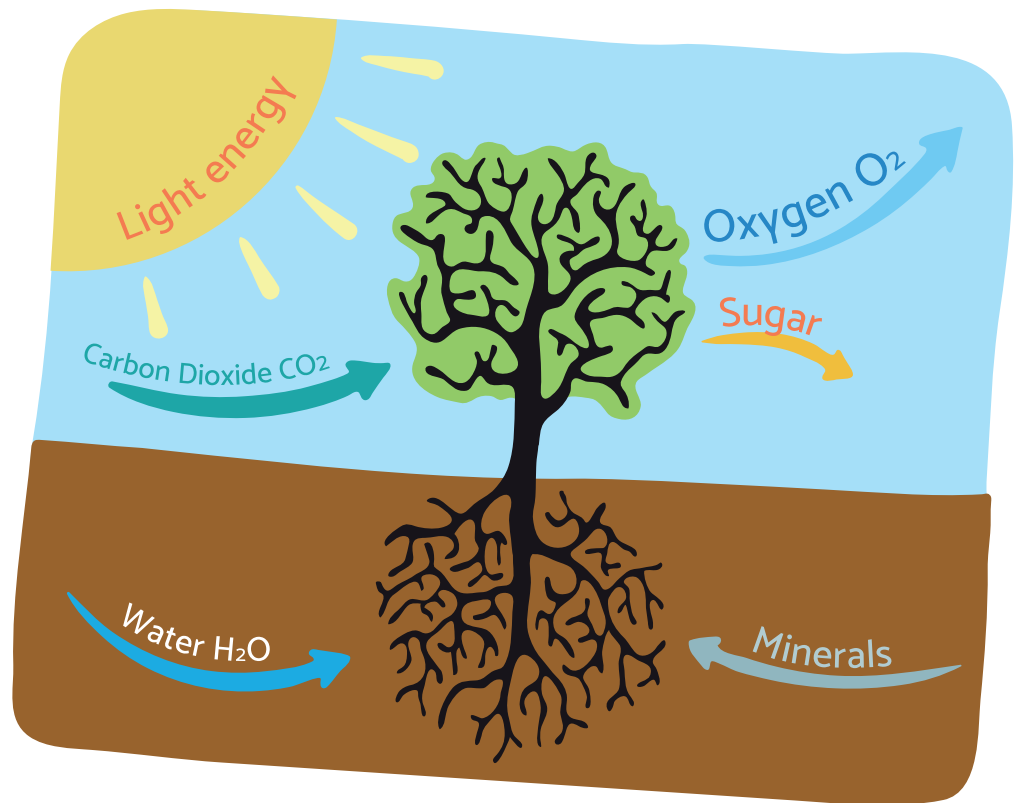
STAGE 2 YEAR 3 & 4 – LINKS: ACSSU073 • ACSHE061 • ACSHE062 • ACSIS071  
NZ: LIVING WORLD • LEVEL 3 & 4

### SECTION 1

#### Where do animals get their energy from?

The basis of any food web is energy, which comes from sunlight. Plants use the energy from sunlight and makes oxygen and food from carbon dioxide and water.

This process is called P \_\_\_\_\_ S.



### SECTION 2

#### Match it!

Match the terms to the correct definitions.

**Producer**

These are organisms that eat animals or plants or both to gain their source of energy.

**Consumer**

These are organisms that eat dead plants and animals and decomposes it to a more simpler form of matter.

**Decomposer**

These are organisms that are usually green plants or algae that use chlorophyll to convert energy from the sun into food. That food supports all the consumers.

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### SECTION 3

#### Food Chain

Label the diagram and draw in the arrows to show the flow of food.



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### SECTION 4

#### Who eats who?

At SEA LIFE we tend to keep animals in displays with other species that we know will not harm or eat them, so it makes it difficult when we are trying to study the food chain. When visiting the different exhibits in SEA LIFE, take a closer look at the food chain that may exist there.

Fill in the table by adding the organisms names in each of the boxes. If that particular part of the food chain isn't present, please write a small explanation as to why it wouldn't be in that exhibit.

Component of Food Chain	Organism Position in Food Chain	HABITAT	
		Freshwater	Coral Exhibit
Apex Predator	Very top		Lionfish/Stonefish, Moray eel
Prey			
Scavenger			
Producer		Algae	
Consumer			
Omnivore		Pacu	

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### SECTION 5

#### Human Impact

Humans over time have had a significant impact on the marine food chain. Global warming, over fishing and pollution are some of the main issues causing some animals to become endangered or extinct. At SEA LIFE it is our aim to educate people on conservation and ways we can help protect our marine life.

From your visit today list 5 things you have learned that you can do at home and school to help protect our animals?

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