

Ocean Teens

Food Webs Worksheet

STAGE 5 YEAR 9 & 10 – LINKS: ACSSU175 • ACSSU176 • ACSHE158 • ACSHE228
NZ: LIVING WORLD • LEVEL 5 & 6

SECTION 1

Define it!

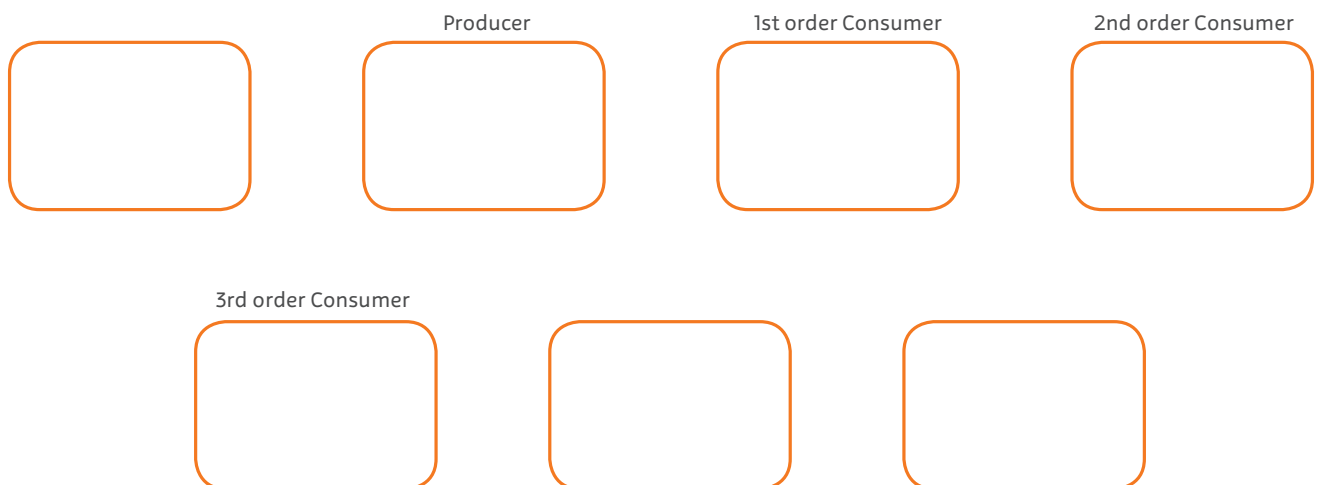
Write the definition for the following terms:

- Omnivore** _____
- Carnivore** _____
- Herbivore** _____
- Scavenger** _____
- Decomposer** _____

SECTION 2

Food Chain

Fill in the food chain below. Extend this to a food web by adding three more species from the ecosystem.
Remember: to use arrows to show the direction of the flow of energy in this diagram.



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What three roles do microorganisms play in food chains and food webs?

SECTION 3

Adaptations

There are different types of adaptations. A **physical adaptation** is some type of structural modification made to a part of the body. A **behavioural adaptation** is something an animal does – how it acts – usually in response to some type of external stimulus.

In the table below choose two animals you have seen today and provide examples of what their physical and behavioural adaptations are.

SPECIES 1	SPECIES 2
Physical Adaptation	Physical Adaptations
Behavioural Adaptations	Behavioural Adaptations

SECTION 4

Observations

Pick an animal at the aquarium and observe its adaptations to catch food and avoid being eaten. Species chosen:

ADAPTATIONS TO FIND FOOD	ADAPTATIONS TO AVOID BEING EATEN

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SECTION 5

Relationships

Write a definition for each the following symbiotic relationships and an example of each.

COMMENSALISM	MUTUALISM	PARASITISM
Definition:	Definition:	Definition:
Example:	Example:	Example:

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SECTION 6

Human Impacts

List 3 different human impacts that could cause a food web to become unbalanced. Provide some possible solutions to help prevent this from happening.

IMPACTS

SOLUTIONS