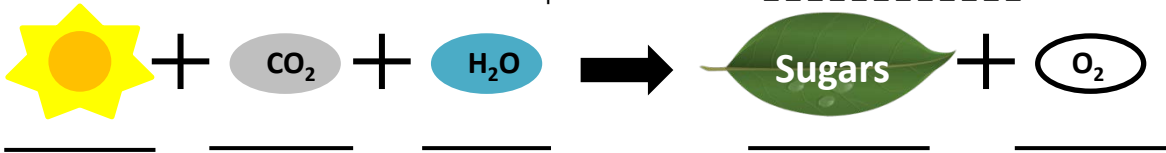


NAME: \_\_\_\_\_

## Food Webs

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.



## The 'Who Eats Who' of SEA LIFE

At SEA LIFE Sydney Aquarium 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 (or may not) exist there. Fill in the rest of 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'S POSITION IN FOOD CHAIN	HABITAT		
		FRESHWATER	CORAL EXHIBIT (Great Barrier Reef)	DUGONG TUNNEL
APEX PREDATOR	<i>Very top</i>		<i>Lionfish/Stonefish, Moray eel</i>	
PREY				
SCAVENGER				<i>Sea star</i>
PRODUCER		<i>Algae</i>		<i>Phytoplankton (very rare in filtered tank)</i>
PRIMARY CONSUMER				
SECONDARY CONSUMER				
OMNIVORE		<i>Pacu</i>		



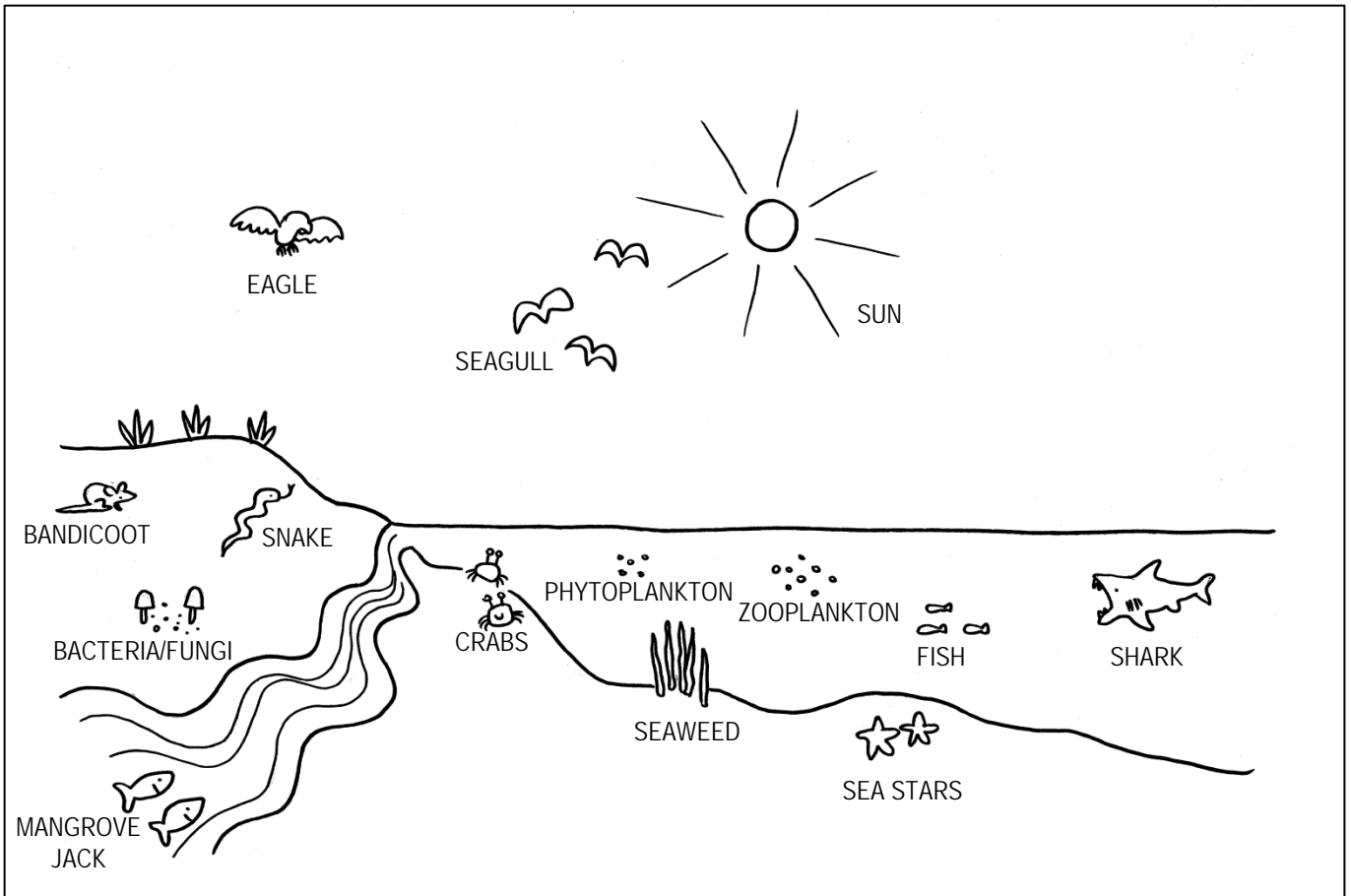
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Years 4 to 6

## Ocean and Earth *Complete in any area*

Below is an illustration of some land-based and ocean inhabitants. Make this illustration into a food web by using arrows to show where the energy flows. (Hint: The arrow always points toward the predator in the food web, or the direction the energy flows).

Circle the 'apex predators'. Highlight within the food where two different habitats could be joined.



## Aquatic food webs

There are some animals at SEA LIFE Sydney Aquarium that can be a part of both land and ocean food webs. List these animals here as you discover them today!

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