Aquatic Ecosystems 1 - Habitats

NAME:

Year 7 to 10

Coral Reefs

Living together

Many animals rely on a special relationship with another animal or plant (organism) for their survival, this is called symbiotic relationship. These relationships could be for food, shelter or protection.

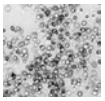
Some relationships benefit both organisms (mutualism), some relationships benefit one organism without effecting the other (commensalism) and other relationships one organism can be named (parasitism).

Match the symbiotic relationships.

Anemone

Cleaner shrimp

Cleaner Wrasse

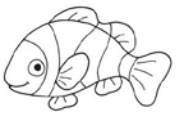


Zooxanthellae (Algae)

Reef fish

Coral polyps

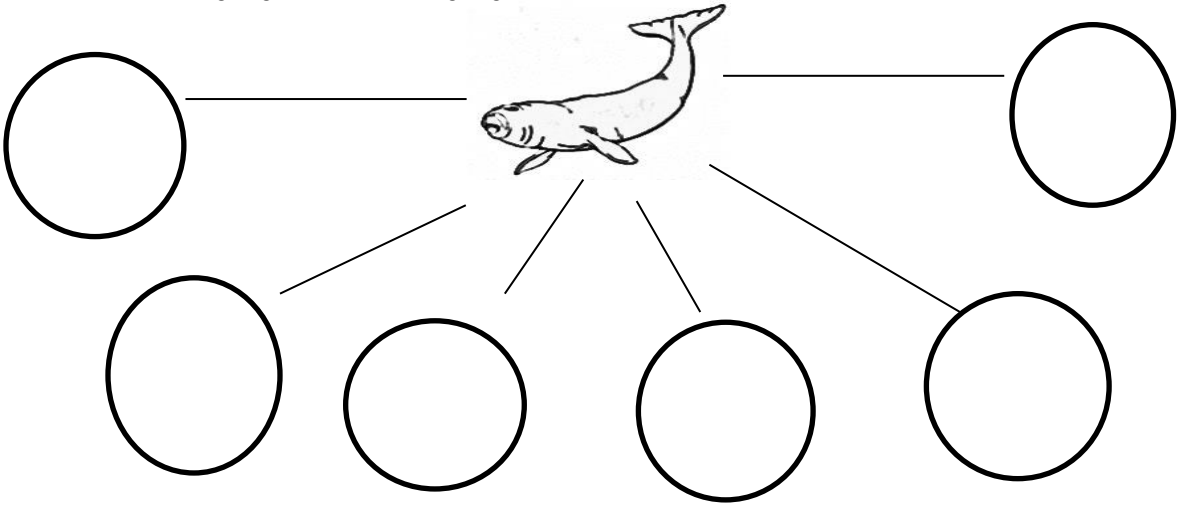
Small Reef fish



Clown fish

Dugong Island

Draw or name the living organisms that dugong interact with, in their marine environment.



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Jurassic Seas & School

Some animals can live in more than one community throughout its life.

Draw an animal that spends part of its life in freshwater rivers and salty mangroves

Draw an animal that starts its life in freshwater streams and moves to moist bush land areas

Shark Valley

A community is made up of organisms inhabiting a common environment and interacting with one another. Predation is hunting another species for food. This is a positive-negative (+ -) interaction, the predator species benefits while the prey species is harmed.
Fill in the blanks.

Grey Nurse shark → _____ → smaller fish → Zooplankton → Phytoplankton

Lemon shark → _____ → _____ → small fish → molluscs → _____

_____ → _____ → small fish → _____ → algae

Great White → _____ → Stingray → _____ → worms → Plankton

Small fish
Turtle
Algae
Crabs
Sandbar whaler shark
Shrimp
Sea jelly
Medium fish
Groper

Predation may affect the population, size of predators and prey and the number of species existing in a community. Choose one small section (in one zone only) of the Shark tunnel and fill in the table below.

Total number of species (tally)	Number of large species (tally)	Number of small species (tally)