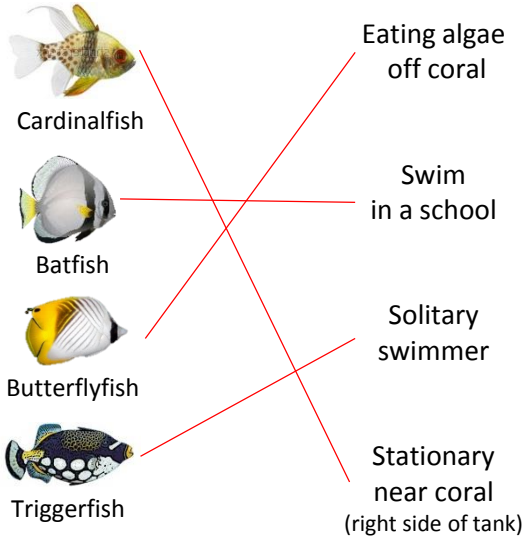


Look in RAINBOW REEF for 2 minutes.
Find the fish below. Match the behaviour with the fish!



This is a Onespot foxfish. How does the black dot on their back help them survive?



The black dot looks like an eye. If predators see that they mistake the head for tail and the fish gets away.

What is found in all natural coral habitats that is NOT found in the pristine coral habitats represented at the aquarium? (Hint: it is human-made)

Garbage and litter!

Most of the coral in the Aquarium is artificial (not real). Name two reasons why we use artificial coral in the exhibits instead of living coral.

1. Coral grows REALLY slow, at about 2 cm/year, and would not be able to replace itself quickly in the wild. Taking large coral out of the natural habitat would displace many local fish.
2. Coral is VERY delicate, if it were real, the divers would have to be very careful while diving near it.

Look at the fish in RAINBOW REEF. Why do you think so many fish live near coral reefs?

Fish live near coral reefs because they use it as a shelter. Some fish use it to hide and wait for their prey as so many fish swim near coral reefs. Some fish hide from their predators. And a few fish actually eat coral.

Why is sunlight important to coral?

Coral has a symbiotic relationship with algae. Coral lives in nutrient poor waters and requires more than hunting to get their food resources. The sunlight allows the algae to make their own food and some of that food the coral uses to live and grow creating the large reefs.

What are three things you can do to help coral reefs? Write your answers in the format "I will...".

1. I will ride my bike and walk more.
2. I will conserve water by volunteering to wash the dishes by hand instead of using the dishwasher.
3. I will choose to not eat seafood unless it is sustainable.

Draw your favourite coral or coral reef fish.

STUDENT NAME: _____