

Climate Change, the Sea and Me

Dive in online to solve the puzzles and find the answer

<http://www.macduff-aquarium.org.uk/explore/fish-finder>

GO FISH FINDING ONLINE!

Take a close look at our Fish Finder webpage and see if you can identify these animals that will be directly affected by climate change in our oceans.



I am a _____



I am a _____



I am a _____



I am a _____

Climate Change and the Ocean: True or False?

Read the statements below and write a T next to the ones you think are true and a F for false...

The ocean is becoming more acidic, making it harder for animals to make bones and shells.

Corals are thriving as they live in the tropics.

There are more frequent and worse storms.

Sea animals are moving towards the poles and into deeper water.

Polar bears are losing hunting grounds.

Sea birds are losing nesting grounds due to increased levels of coastal erosion.



GO FISHFINDING! Online Search (answers)



Rock urchin



Hermit crab



Edible crab



Common Prawn

All of these animals have shells or body coverings made of calcium carbonate which will start to dissolve as the ocean becomes more acidic as a result of climate change.

How temperature affects us...

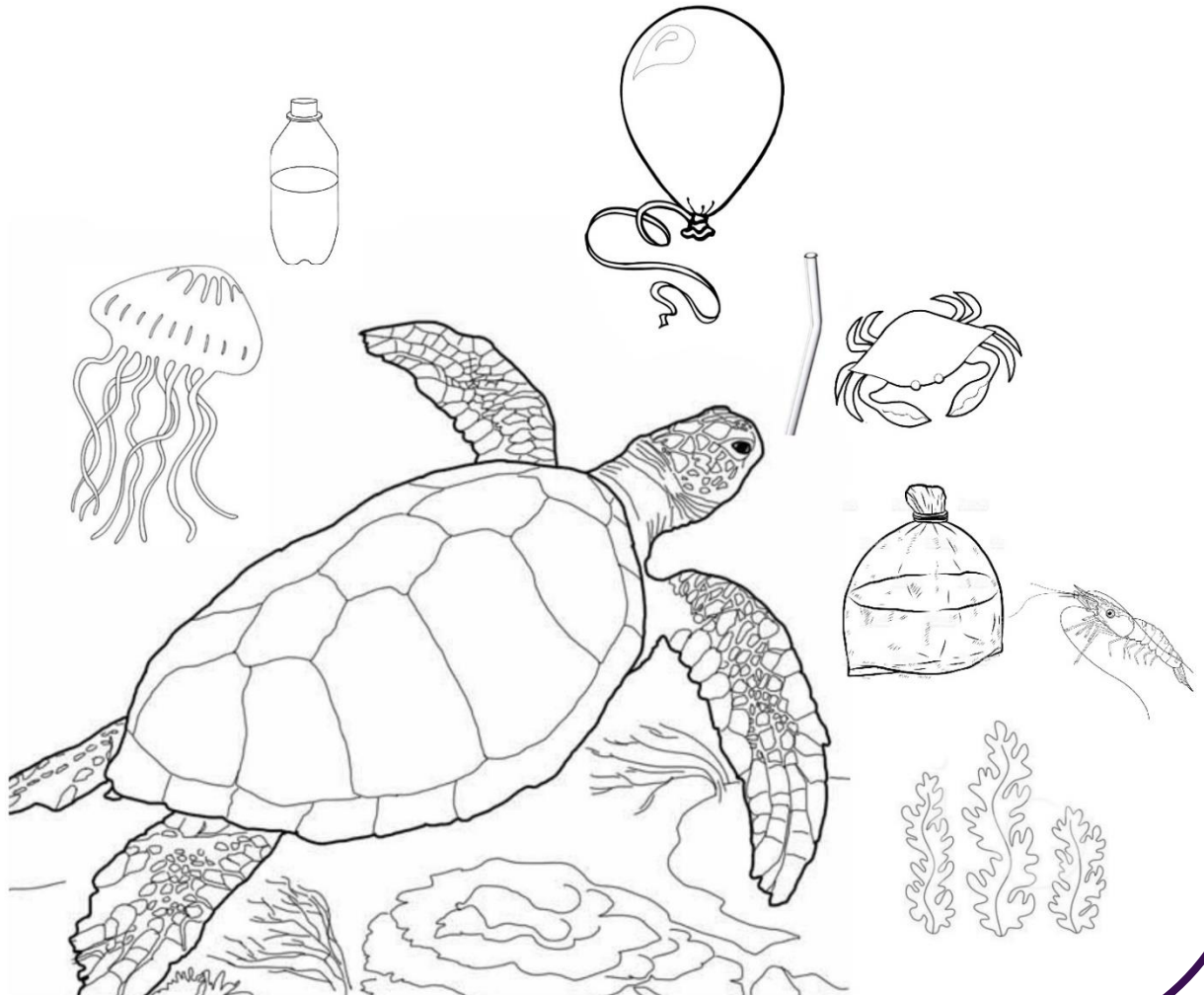
Not many people can stand the heat, but did you know that for some animals temperature determines whether they are born male or female?

This is true for sea turtles and many other marine species...

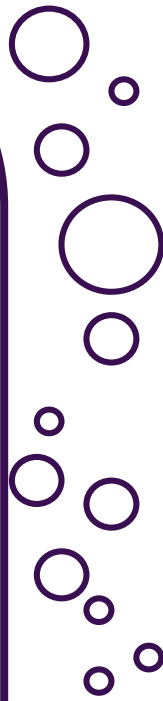
Which of these things doesn't belong...?

Below is a sea turtle and some living and non-living things that the sea turtle might find in the ocean.

- Draw a circle around the living things that sea turtles should eat
- Cross out the non-living things that a sea turtle might try to eat as it looks like its food.
- What are two things we can do to keep the ocean healthy for the animals that live there?



Little Changes?



How you and the things you use get from one place to another has a big impact on the climate. Here are a few everyday choices we can make – circle which choice you think would be best for the climate?



Buying imported fresh strawberries



Buying frozen Scottish strawberries



Taking the bus into town



Driving into town



Drink in glass bottle



Drink in aluminium can

Have a chat with your family and friends about your choices, why did you choose the ones you did?

Post your answers on FB