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OCTOPUSES

Why does an octopus have eight arms?

An octopus uses its arms in lots of clever ways. Each arm has rows of suckers and taste buds to help it pick up and taste food. Its arms are full of brain cells, so each arm has a mind of its own. Tentacool!

Ink-teresting

When an octopus is scared it squirts ink into the water to confuse its attacker. Some squid shoot glow-in-the-dark ink!

Fast movers

An octopus squirts a jet of water from the back of its head that pushes it along. It can even use jet power to jump out of the water.

Can you find ...

... a squid that has two extra-long tentacles as well as eight other legs.

Did you know ...

... an octopus has three hearts?

JELLYFISH

Is a jellyfish made from jelly?

No! But a jellyfish has no bones so its body is soft and wobbly like jelly. A jellyfish actually isn't a fish at all.

Jet-powered jelly

A jellyfish shoots water out of its body to push it through the water. If it gets tired, it drifts along on a current.

Glow-in-the-dark

Some jellyfish can glow in the dark. The light is off-putting to predators who don't fancy a glowing tea.

Not half bad!

If a jellyfish is cut in half, it becomes two living jellyfish.

No-brainer

A jellyfish has no brain, blood, ears or heart.

DOLPHINS

Why do dolphins jump out of the sea?

A dolphin is very clever and loves to play. It enjoys racing others and seeing who can make the biggest splash. A spinner dolphin can turn 7 times in the air!

Smell I never!

A dolphin breathes through a hole at the top of its head. It is like a nostril but a dolphin has no sense of smell.

Hearing things

Instead of ears, a dolphin hears by feeling vibrations through its head and jaw bones.

Dolphin clicks

A dolphin talks to its friends by making clicking sounds underwater.

Half-asleep

A dolphin sleeps by resting one half of its brain at a time.

Can you spot ...

... something that doesn't belong in this habitat?

SHARKS

Do sharks eat people?

There are over 500 types of shark and they all eat meat. Sometimes sharks bite people by accident if they mistake them for a seal or big fish. Sharks don't hunt humans.

Did you know ...

... most fish have 4 pairs of gills but most sharks have 5?

Stomach-turning table manners

A tiger shark shoots its stomach out of its mouth to give it a rinse after a meal.

Just keep swimming

Some fast sharks have to swim with their mouths open to filter enough water to be able to breathe. If they slow down, they suffocate!

Toothy tear-aways

A baby shark loses a set of teeth inside its mother's tummy before it is even born.

OCEANS IN DANGER

Is the sea in trouble?

Most of the planet is covered in water but we are not always good at taking care of it. There are many things that humans do that can damage the sea and the creatures that live there.



Big ships

Large ships spill harmful oil into the oceans. Their noisy engines make it difficult for sea mammals to communicate.





Overfishing

Some types of fish are almost extinct because we have caught and eaten too many of them.





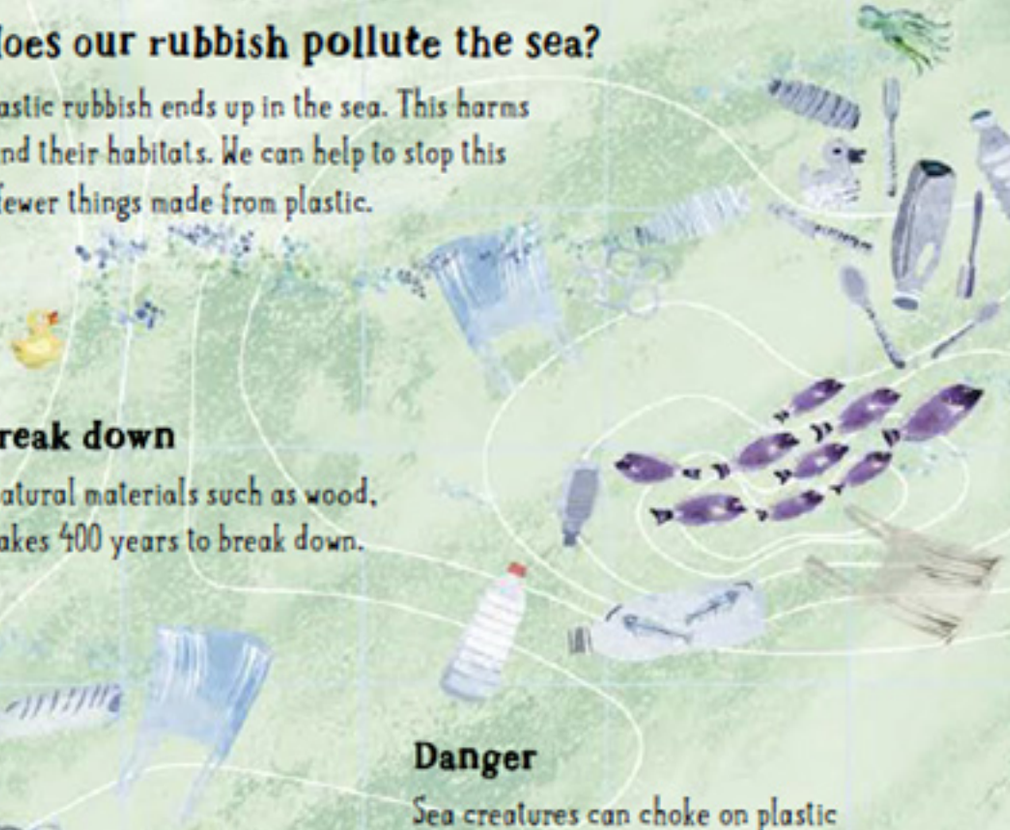
Global warming

Humans have burned lots of fossil fuels, warming up the planet. This means that sea levels have risen and sea water has become more acidic, making it hard for some sea life to survive.

PLASTIC IN THE SEA

How does our rubbish pollute the sea?

Lots of plastic rubbish ends up in the sea. This harms animals and their habitats. We can help to stop this by using fewer things made from plastic.



The break down

Unlike natural materials such as wood, plastic takes 400 years to break down.

Danger

Sea creatures can choke on plastic rubbish. Sometimes large fish eat lumps of plastic which make them unwell.



Chemicals

Plastics contain harmful chemicals which damage the seawater and the habitats of sea creatures.