

Sea Savers

Preventing Plastic Pollution

KS1 and KS2 lesson slides




SEA LIFE
EDUCATION

By the end of this lesson you will be able to

- ✳ List key facts about the issue of plastic pollution in the ocean
- ✳ Discuss how plastic pollution has occurred, and what affect this might have on sea life
- ✳ Suggest positive actions to help prevent plastic pollution now and in the future

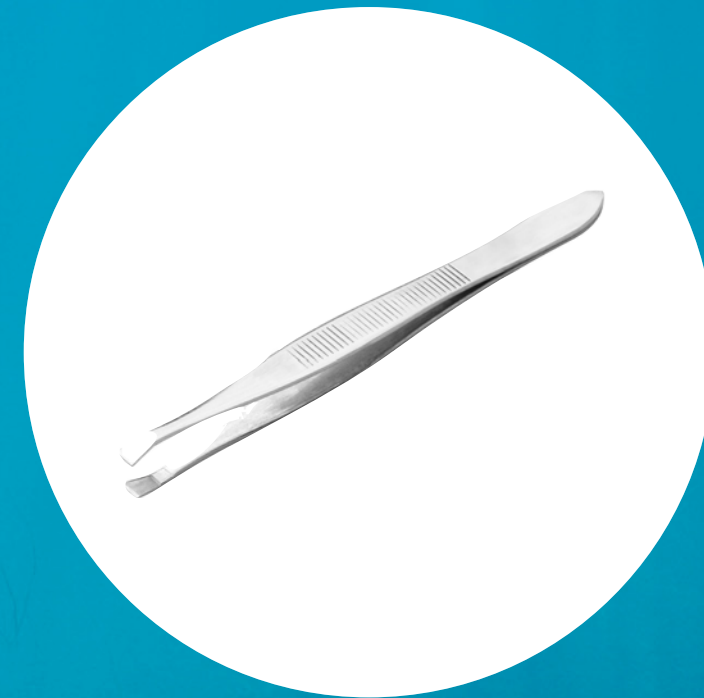


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- 🐟 Have you heard of ocean plastic pollution? What have you heard about it?
 - 🐟 We probably use items made from plastic every day — what kinds of items made from plastic can you see right now?
 - 🐟 Why is the human use of plastic a problem for sea life?
 - 🐟 What can be done about it?

Plastic in everyday life

Plastic is a flexible and convenient material, which means it is commonly used to create everyday items. However, some plastics can take up to 450 years to decompose.

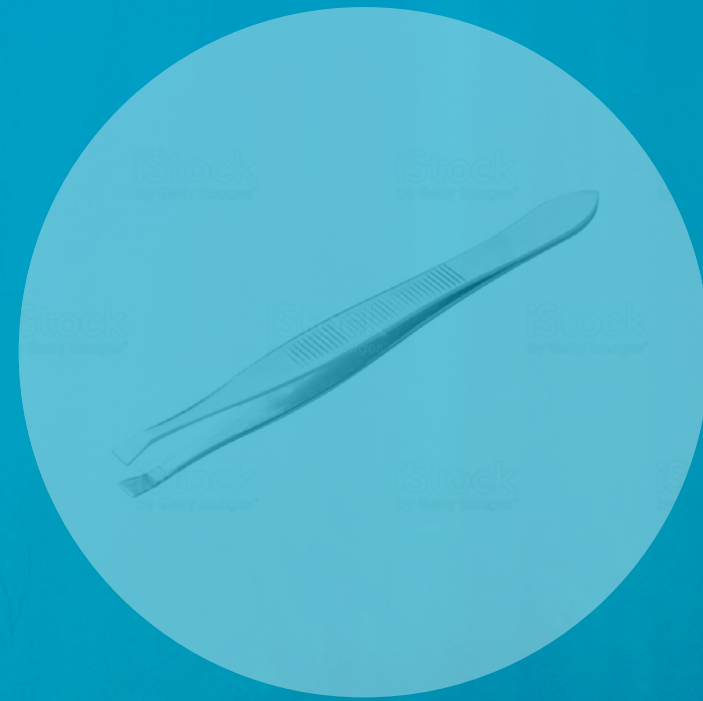
Which of these items are made from plastic?



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Fact match up

Match the end of the sentence to the key word it should start with.



Oceans

...produce around 300 million tonnes of plastic waste each year

Plastic

...provide us with oxygen, and are a source of food and water

Humans

...can be harmed by plastic floating in the ocean

Sea animals

...can take up to 450 years to decompose (break down)

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How did that get there?

Pick an image and create a story of how the plastic may have got there



What can we do?

Which options will cause the least amount of plastic pollution in the environment?

You are at the supermarket choosing a snack for your packed lunch, what do you choose?

Individually wrapped fruit, such as slices of apple in a plastic box

Piece of unwrapped fruit, such as an apple

Large bag of apples to last the week



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Large bag of apples to last the week

Best



What can we do?

Which options will cause the least amount of plastic pollution in the environment?

You are at a clothes store purchasing a new jumper. The store assistant asks if you would like to buy a top plastic bag, what do you do?

Say no, and put the jumper straight into your backpack

Buy the top bag and throw it out as soon as you get home

Buy the top bag but keep and reuse it next time you go shopping



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What can we do?

Which options will cause the least amount of plastic pollution in the environment?

You're about to go out for a long walk with friends and think you might get thirsty along the way, what do you do?

Buy a plastic bottle of water from a shop half way through your walk

Fill up your reusable water bottle before you go so you have plenty of water

Stop at a restaurant or café and buy a glass of tap water half way through your walk



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What can we do?

Which options will cause the least amount of plastic pollution in the environment?

You are making a sandwich to take to school in your packed lunch tomorrow, what do you bring it in?



Wrap it up in
clingfilm

Put it in a
reusable plastic
container

Put it in a
reusable container
made from another
material such
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or metal

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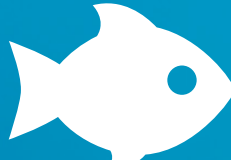
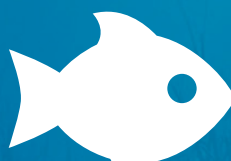
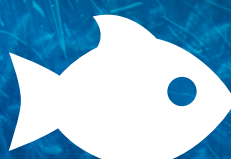
Best

How can you prevent plastic pollution?

- ✧ Pick up litter
- ✧ Try not to use single-use plastic bags
- ✧ Look for items with less packaging when you are shopping
- ✧ Avoid toiletries with microbeads



Can you create one of the following?

-  A slogan / rhyming couplet to encourage people to prevent ocean plastic pollution (e.g. Keep our oceans fantastic, stop single-use plastic!)
-  An interesting way to 're-use' a plastic item that would normally be thrown away, such as a plastic bottle. What is the most interesting way to use it for something else or to make something else?
-  Create a piece, or pieces, of art based on a sea life creature from plastic items that would usually be thrown away

