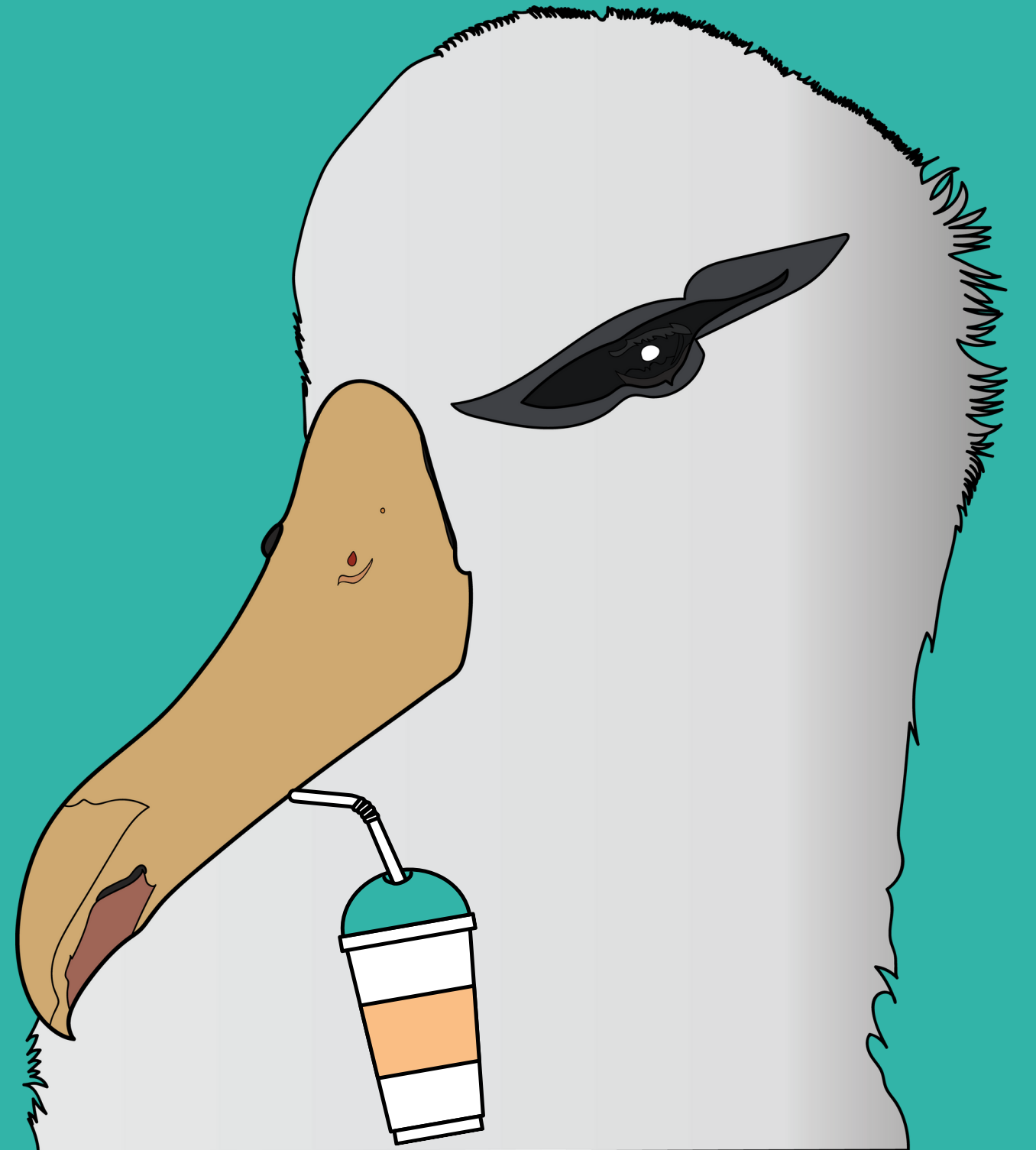




CONSERVATION EDUCATION
ALBATROSSES AND PETRELS

Lesson 3

Plastic pollution



Plastic pollution and seabirds



Plastic pollution and the marine ecosystem



? million tonnes of plastic end up in the ocean each year

? use plastics are worse for the environment

? plastics are tiny pieces of plastic, less than 5 mm

Plastic pollution and the marine ecosystem

11 million tonnes of plastic end up in the ocean each year



? use plastics are worse for the environment

? plastics are tiny pieces of plastic, less than 5 mm

Plastic pollution and the marine ecosystem

11 million tonnes of plastic end up in the ocean each year



Single use plastics are worse for the environment

? plastics are tiny pieces of plastic, less than 5 mm

Plastic pollution and the marine ecosystem

11 million tonnes of plastic end up in the ocean each year



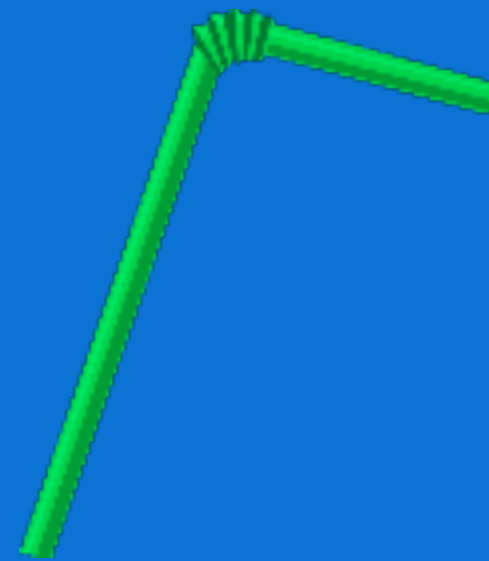
Single use plastics are worse for the environment

Micro plastics are tiny pieces of plastic, less than 5 mm

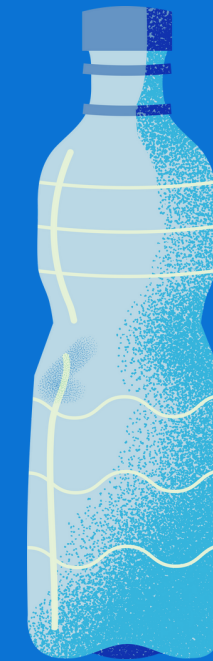
Degradation timeline



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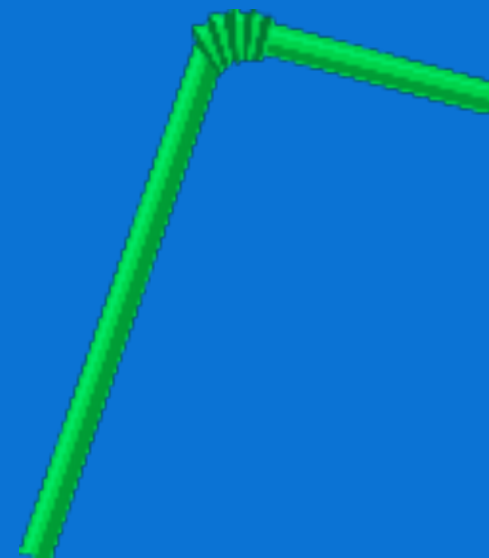
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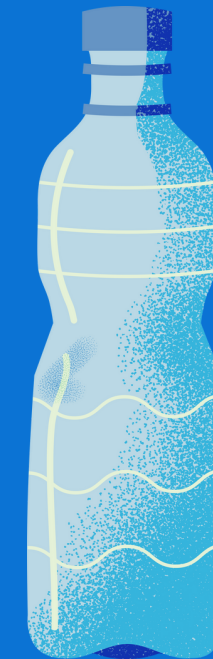
Degradation timeline



6 weeks



?



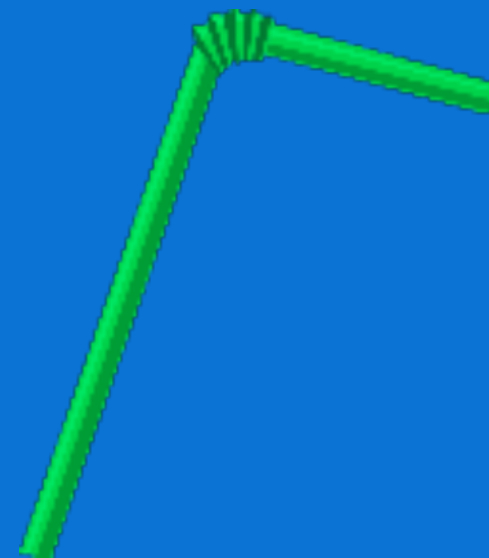
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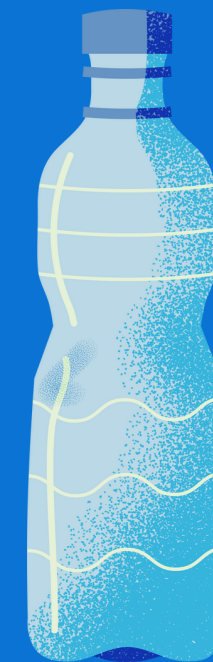
Degradation timeline



6 weeks



200 years



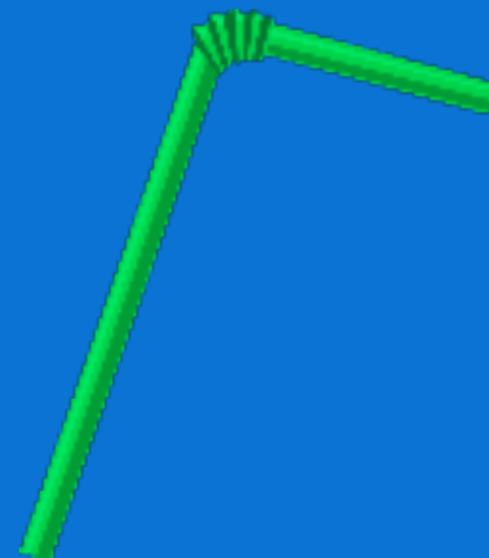
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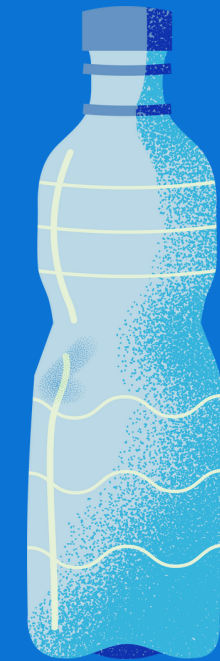
Degradation timeline



6 weeks



200 years



450 years



Sources of plastic pollution

LAND



OCEAN



Sources of plastic pollution

LAND



Food wrappers
Drink bottles
Plastic straws, cups and plates
Bottle caps
Single-use bags
Cigarette butts

OCEAN



Sources of plastic pollution

LAND



Food wrappers
Drink bottles
Plastic straws, cups and plates
Bottle caps
Single-use bags
Cigarette butts

OCEAN

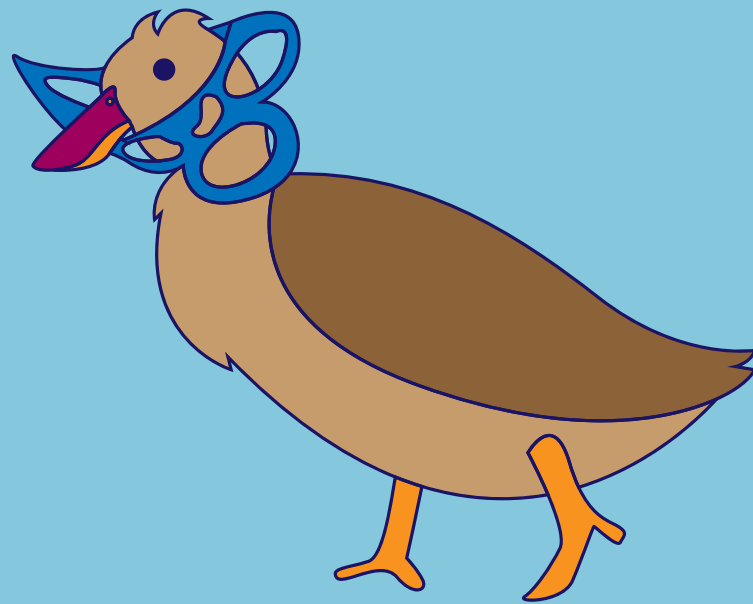


Fishing equipment
Rubbish from commercial ships
Rubbish from shipping container spills
Rubbish from illegal 'ocean dumping'

What plastic items do you use?

Effects of plastic pollution

Entanglement



Swallowing



Toxic chemicals in the food web



Effects of plastic pollution



My Plastic Planet



An underwater scene showing various pieces of plastic waste floating in the water. The waste includes a purple plastic bag, a clear plastic bottle, a yellow plastic container, a blue plastic tray, and several pieces of clear plastic film. The background is a deep blue ocean with some sunlight filtering through the water. A small, dark silhouette of a person is visible in the distance, standing on a surface that appears to be the ocean floor or a submerged structure.

**How can we reduce marine
plastic pollution?**

How can we reduce marine plastic pollution?

- Reduce, reuse, recycle
- Avoid buying plastic
- Use a reusable bottle
- Say no to plastic bags and plastic drinking straws - use reusable or paper ones
- Buy unpackaged food and grow your own food
- Wear clothes made with natural fibres
- Avoid using glitter, or only use eco-friendly glitter
- Talk to friends and family about how much plastic they use
- Don't use products with microbeads inside
- Pick up litter
- Never flush plastics down the toilet
- Sign a petition



Activity: Campaign against plastic pollution

Create a local **campaign** around **one** of the main litter items found in the ocean, including:

- The **source(s)** of this litter item
- The **harm** it causes to albatrosses, petrels, other marine animals and humans
- What **changes** could be made to reduce its use and its harm to animals.

Create a **poster** to promote your campaign in your local community.

