

Plastic Education Kit

A workbook for students
who want to change the world.

ELEMENTARY SCHOOL

In partnership with

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LESSON ONE: HOW PLASTIC TRAVELS TO SEA

Draw the litter you found
during your schoolyard
pickup.

Litter you found (ex. granola wrapper)	Refuse: Can you refuse to create the litter? (ex. Not buy granola bars with a wrapper you will throw away)	Reduce: How could we reduce this litter? (ex. Eat snacks you bring to school in a tupperware container)	Reuse: What else can it be used for? (ex. Can you use it for an art project?)	Recycle: Can it be recycled? (ex. Can you put it in the recycling bin?)

THOUGHT BOOK

Explore your thoughts about plastic pollution and its impact on ocean health. Write, draw, and get creative as you think about the prompts below.

Reflect

1. How does water help you? Think about 5 ways you enjoy water.
2. How might we better show love, care, and respect for the ocean and all it provides to us?
3. How could we prevent plastic from entering the ocean?

TAKE ACTION

→ Watch the Ocean Wise video [Take The Pledge](#) and take the pledge as a class.

The Why

To stop plastic pollution, we can try to use less plastic. Buying less plastic is a great first step. Putting plastic in the recycling bin (or garbage), instead of littering, will keep it out of the ocean. This helps ocean animals!

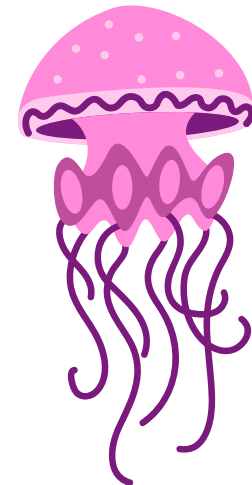
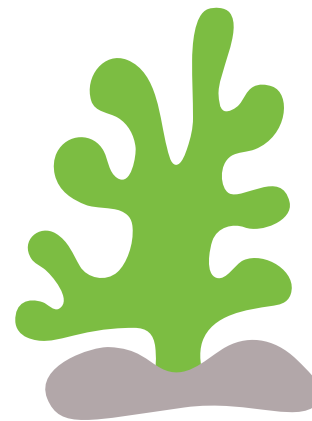
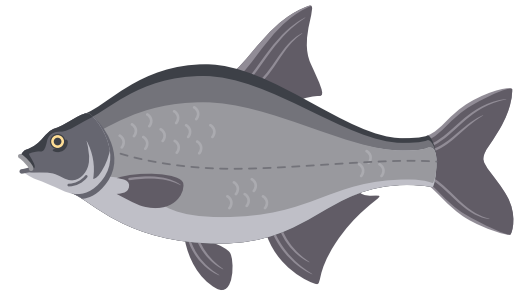
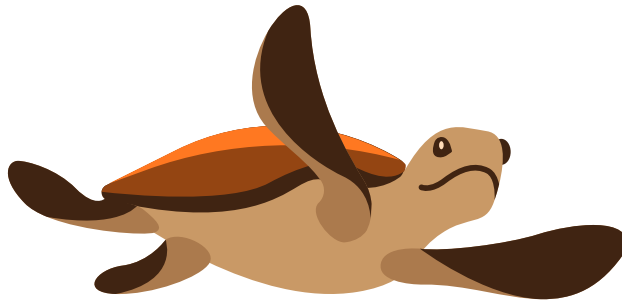
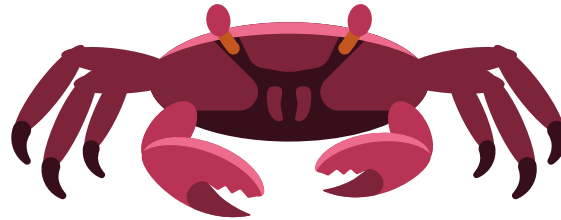
LESSON TWO: PLASTICS IN THE FOOD WEB

Watch the video “Saving Sea Lions: Why Marine Plastic Matters” and answer the following questions:

1. Is this a dangerous activity for the team and/or the sea lions?
2. What might happen to sea lions that the team is unable to help?
3. How could we reduce the chance of sea lions or other marine life being caught in plastic?

YOUR ECOSYSTEM

Let's talk about ecosystems! Cut out these animals and plants to create your ecosystem. Where will you place these animals and plants? Share why you placed them there!



PLASTICS AND MARINE ANIMALS INVESTIGATION WORKSHEET

Your Name: _____

Your Partner's Name: _____

Name of Animal: _____

Latin name of animal: _____

Type of animal (circle correct type): Reptile Mammal Bird Invertebrate Fish

Size: _____

Habitat needs: _____

Food/prey types: _____

Method of obtaining food: _____

Predators: _____

Methods of evading predators: _____

Impacts of plastic (add more rows if needed):

Type of plastic	How it impacts the animal (food mistaken identity or entanglement, entrapment)	What survival need is affected? And how?

THOUGHT BOOK

Through journaling, explore your connection to the concepts we covered in this lesson. Feel free to write, draw, and get creative as you think about the prompts below.

Reflect

1. What are all the different ways that plastic impacts animals and ecosystems in our oceans?

2. How does plastic and/or microplastic pollution impact ecosystems?

3. What are steps you can take to help reduce plastic pollution/litter in your school?

TAKE ACTION

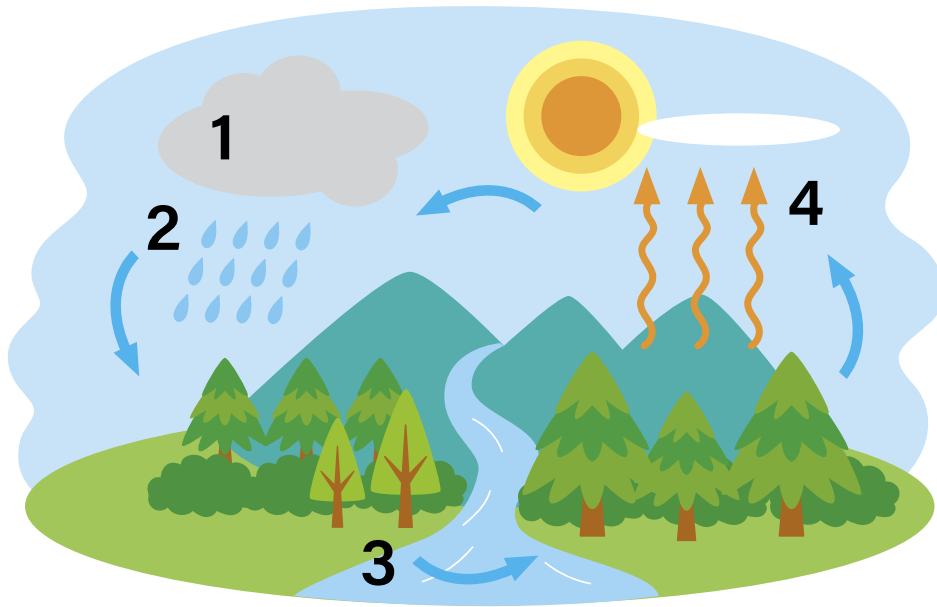
→ Every action counts! Use the **4Rs** - **R**efuse, **R**euse, **R**educe, and **R**ecycle.

The Why

By using the 4Rs, you take a positive step to reduce plastic pollution by removing the problem at the start. Every single use piece of plastic you refuse, reuse, reduce or recycle means one less pollutant harming marine life and our own health!

LESSON THREE: TRAVELING PLASTIC AND POLLUTION SOLUTIONS

Let's look at the water cycle! Look at the picture below and use these words to fill the blanks:



1. _____
2. _____
3. _____
4. _____

Draw a comic strip depicting the journey of a piece of plastic moving from school to the closest river, lake, etc. (and maybe all the way to the ocean).

THOUGHT BOOK

Reflect

1. How does plastic end up in the ocean?

2. What can you and your family do to reduce plastic waste?

3. What could your school do to reduce plastic waste?

TAKE ACTION

➔ Create a poster to inspire change in your school!

The Why

Help make a difference! Share with your friends and family what you learned! Remind them to buy less plastic, to pick up litter, and recycle plastic. This will help save marine animals like turtles, seabirds, and fish.