From Pollution to Solutions

Duration: Four weeks (20 instructional hours)

How can humans solve our plastic problem in the ocean?

**Lesson 1:**
Plastics, Plastics, Everywhere
How do plastics get into and move around the ocean?

- **Activity 1:** Autopsy of an Albatross (50 mins)
- **Activity 2:** Plastics Aplenty (125 mins)
- **Activity 3:** Follow the Friendly Floatees (75 mins)
- **Activity 4:** The Life Cycle of Plastics (100 mins)
- **Activity 5:** Magazine Design Workshop I

**Lesson 2:**
Plastics in the Plankton, Plastics on your Plate
How do plastics affect ocean organisms and ecosystems?

- **Activity 1:** Under the Seas (100 mins)
- **Activity 2:** Biomagnification and Bioaccumulation (100 mins)
- **Activity 3:** Magazine Design Workshop II (50 mins)

**Lesson 3:**
Pollution Solutions
Which solutions to the plastic problem are the most promising?

- **Activity 1:** Seaworthy Solutions (100 mins)
- **Activity 2:** The Ocean Plastics Pollution Solutions Contest (125 mins)
- **Activity 3:** Choosing an Audience (50 mins)

**Lesson 4:**
Knowledge + Action = Power
How can your publishing team maximize positive impact on your community and the environment?

- **Activity 1:** Turning Knowledge into Power (50 mins)
- **Activity 2:** Magazine Design Workshop III (150 mins)
- **Activity 3:** Publication Presentations and Reflections (75 mins)

**Final Product**
In this unit, publishing teams will create and publish their own National Geographic-style magazine to raise awareness about ocean plastics and inspire readers to take action to address the crisis.