

*Lesson Plan 8 - Plastics in Marine Life - Activity Sheet 2*

# PLASTICS IN MARINE LIFE WORKSHEET

Name: \_\_\_\_\_ Date \_\_\_\_\_

**Engage:**

**1. What did you see in the Great Pacific Garbage Patch?**

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**2. What did the green and red lentils represent?**

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**3. When you stacked a bigger fish on top of a smaller fish what did it represent or show in a food chain?**

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**4. Describe what is happening to the number of microplastics as you move up the food chain.**

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**Data Table**

Fish #	# of Microplastics Eaten	Total # Microplastics
Fish 1		
Fish 2		
Fish 3		
Fish 4		

**5. What are two harmful things that microplastics do to fish that mistakenly eat them?**

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**6. What can you do to keep microplastics and larger plastics out of the waterways and oceans?**

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## Lesson Plan 8 - Plastics in Marine Life - Activity Sheet 2

# PLASTICS IN MARINE LIFE WORKSHEET - KEY

Name: \_\_\_\_\_ Date \_\_\_\_\_

### Engage:

#### 1. What did you see in the Great Pacific Garbage Patch?

*I saw plastic bottles, lots of tiny white pieces of plastic, sticks, and broken things.*

#### 2. What did the green and red lentils represent?

*The green lentils represented food, like plankton. The red lentils represented microplastics eaten by the fish.*

#### 3. When you stacked a bigger fish on top of a smaller fish what did it represent or show in a food chain?

*When we stacked the larger fish on top of the smaller fish it showed that the larger fish ate them.*

#### 4. Describe what is happening to the number of microplastics as you move up the food chain.

*As the larger fish ate the smaller fish, they also ate the microplastics inside it. Each time a fish was eaten, the number of microplastics in the larger fish increased. Fish 4 had the most microplastics.*

### Data Table

Fish #	# of Microplastics Eaten	Total # Microplastics
Fish 1		
Fish 2		
Fish 3		
Fish 4		

#### 5. What are two harmful things that microplastics do to fish that mistakenly eat them?

*Microplastics remain in the fish's stomach making them feel full. Microplastics have chemicals that are passed on from smaller fish to larger fish.*

#### 6. What can you do to keep microplastics and larger plastics out of the waterways and oceans?

*We can keep plastics out of the ocean by not littering and picking up litter that we see on the ground, especially plastics. We can reduce our use of single-use or disposable plastics.*