

STEM ACTIVITY OF THE WEEK



Plastic Rapid Survey Worksheet

Part 1: Learning Your Plastics

1. Write down 5 specific examples of **single-use** plastics (hint: think of things used on-the-go).

2. Write down 5 specific examples of **multi-use** plastics (hint: these are commonly found in our technology and materials that make our clothing)

Part 2: Survey Your Plastics

Plastic Rapid Survey Data Chart	
Survey Room:	
Single-Use Plastics	Multi-Use Plastics
Tally here:	Tally here:
Total:	Total:
Total Plastic Items Counted:	

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Part 3: Analyze Your Results

1. What percent of your Total Plastic Items Counted were **single-use** plastics? Please show your work.

2. What percent of your Total Plastic Items Counted were **multi-use** plastics? Please show your work.

3. List 3 **single-use** plastic items found during your survey that could be replaced with ones made from alternative materials (wood, metal, ceramic, cotton, wool, etc.).

4. List 3 **multi-use** plastic items found during your survey that could be replaced with ones made from alternative materials.

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5. ****Challenge Question**** Consider what you know about plastics and CSOs. Even when we do our best to recycle, plastic products can wind up in the Hudson River (hint: refer to the **Background** section of this lesson).

a. What plastic products do you use that you could replace with non-plastic alternatives in the future? Try not to repeat answers from questions 3 and 4.

b. When it rains in New York City, there is usually a CSO event. What can you do at home to limit the amount of water added to the sewer system during these times and why?

c. What are 2 things you can do in your daily life to help solve this problem of plastics in the Hudson River?
