

# Plastic, Plastic Everywhere Materials List

Below is a list of materials needed for the Plastic, Plastic Everywhere project-based unit. We have inserted the links to the exact item and where you can purchase them online knowing that many of these items are things you may already have in your home, school or classroom.

Item	Quantity per pack	Each student / group needs...	Notes
markers or other coloring tools	N/A	1 set to share	Any coloring tools (colored pencils, crayons, markers) will work for this project. Students can share.
<a href="#">poster board</a> or <a href="#">construction paper</a>	N/A	2 per student	Each student will need one piece of poster board or large construction paper for their plastic selfie posters, as well as one piece for their hydrosphere graphs. (Though hydrosphere graphs can use smaller paper if needed.)
empty containers	N/A	2 containers	Each student or group needs 2 containers for the Break it Down science experiment. Clean, empty food containers work well. Any containers will work.
<a href="#">soil</a>	N/A	a few cups	Each student or group needs enough soil to fill up both containers for the Break it Down science experiment. In most cases, students will need around 4 cups of soil.
2 small pieces of a vegetable	N/A	2 pieces	Students need 2 identical pieces of vegetables for the Break it Down science experiment. Tomato or pepper work well. Fruit, such as berries, would also work.
<a href="#">small plastic bag</a>	N/A	1 per student	Each student or group needs 1 plastic bag.

**CHOOSE 1: Make a Reusable Item:** In one lesson, students create a reusable item. They can choose to create a reusable shopping bag, or a reusable sandwich bag. If students wish to create both items, they can. Otherwise, they only need the materials for one project or the other.

### Reusable Shopping Bag

Item	Quantity per pack	Each student / group needs...	Notes
scissors	N/A	1	Fabric scissors or teacher's scissors will work well to cut the T-shirt. Students can share.
old T-shirt	N/A	2 per student	Each student will need one old T-shirt. They can select a shirt that is worn-out or that they no longer wear.
optional embellishments	N/A	N/A	Students can add embellishments to decorate their bags. Sequins, fabric pens, pom poms and buttons work well.

### Reusable Snack/Sandwich Bag

Item	Quantity per pack	Each student / group needs...	Notes
<a href="#">cotton fabric</a>	N/A	9 x 14 inch rectangle	Each student needs a swatch of fabric for their bag. Fabric stores sell large quantities that can be cut into rectangles.
ruler	N/A	1	Each student will need a ruler to measure their fabric. Students can share.
scissors	N/A	1	Fabric scissors or teacher's scissors will work well to cut the T-shirt. Students can share.
glue sticks	N/A	1	Students can use regular glue if it will adhere to cloth or, depending on the cloth, you may want to try fabric glue.
<a href="#">string</a>	N/A	3-4 inches	Each student needs a few inches of string to fasten the bag.