## LESSON 2.1 RECYCLING IN YOUR COMMUNITY



### *Objective:*

Students will apply their acquired knowledge of different types of plastic and learn about which items are recyclable in their community. NOTE: This may be in their city, county, town, village, etc. depending on what municipal level manages the community's recycling program. Students will take this new knowledge and creatively think of alternative items that could be used or invent new items to serve the same purpose to reduce the amount of plastic items that enter the waste stream.

#### Instructions:

- Watch PBS News Hour Video: Why it will take more than basic recycling to cut back on plastic
  - Discuss takeaways, questions, and surprises from the video as a class, encouraging students to think about how the recycling process impacts populations around the world in different ways.
- 2. Complete the first three columns in the My Community's Recycling Chart.
- 3. Have students look up their local recycling guidelines to learn if the items on their list are recyclable in their community and complete the fourth column in the My Community's Recycling Chart.
  - Check Recycle Right New York for your local guidelines https://recyclerightny.org/local-recycling-guidelines
    - Tip: If you can't find your local recycling guidelines, try searching for "waste management in (fill in the name of your community)" or "recycling in (fill in the name of your community)."
  - Use the Recycling in My Community Response Questions to guide students' research.
  - Optional activity: go through your class' or home recycling bin and make sure everything is correctly sorted. Separate out the non-recyclable items.
- 4. For the items that are not recyclable in the My Community's Recycling Chart,
  - Discuss with students what alternatives exist that would allow people to Refuse (not accept or use an alternative to a plastic item),



#### Materials:

- Various recyclable and non-recyclable items
- Craft supplies tape, scissors, paper, etc.
- My Community's Recycling Chart
- Recycling in My Community Response Questions
- PBS News Hour Video: Why it will take more than basic recycling to cut back on plastic

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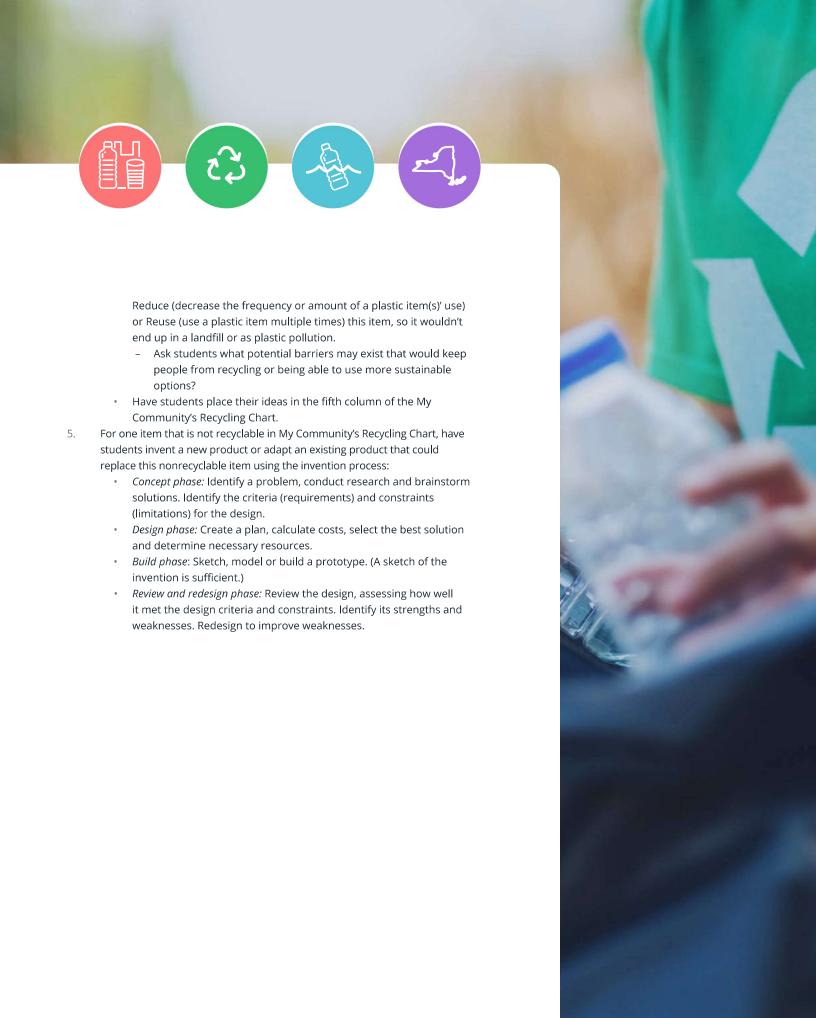


Learning Standards:

SCI: MS-ETS1-1, HS-ETS1-1

GLLP: 6, 8

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## Plastic Pollution and You

## MY COMMUNITY'S RECYCLING CHART

Name:	Class:	Date:	/	/
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ltem	Do you think it is Recyclable or Nonrecyclable? Why or why not?	Is it Recyclable in your community?	What else could you use or create?

### Plastic Pollution and You

# RECYCLING IN MY COMMUNITY RESPONSE QUESTIONS

ат	e:	Date:	_/	/
l. -	What plastics are recyclable in your area?			
2.	Was this information easy or hard to find?			
3.	Was there anything surprising about what you found? If so, what or if not why?			
4.	Go back to Recycle Right NY and choose another municipality to explore. Comp found to your community, are things very similar or very different? What might contain the containing of the contai	pare what yo		
	differences? What effects could these differences have on the recycling system on individuals?	and		