

BECOME A
WASTE
HERO

REDUCE TO ZERO



Where Does Your Trash Go?


Level 2 Intermediate Lesson



Lesson Prep & Curriculum Alignment

Prep time: 10 – 15 minutes

Students will learn how to recycle and about the relationship between recycling and the environment. They will work in small groups to create a poster about why and how to recycle correctly. Students will present their posters and hang them in the classroom.

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- 1 Print or display lesson slides for the class.
 - 2 Print out the “YES/NO” handout as a reference guide for the lesson.
 - 3 Gather all kinds of art supplies and posterboard (1 per group) but provide more if needed.

Lesson Prep & Curriculum Alignment

Prep time: 10 – 15 minutes

Key Learning Outcomes and Curriculum Alignment:

- **Science - Earth and Human Activity:** Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment. Things that people do can affect the world around them. But they can make choices that reduce their impacts on the land, water, air, and other living things. Report on a topic or text with appropriate facts and relevant, descriptive details, speaking clearly at an understandable pace.
- **English Language Arts and Literacy:** Participate in collaborative conversations with diverse partners about topics and texts. Follow agreed-upon rules for discussions. Use words and phrases acquired through conversations, reading and being read to, and responding to texts.

SDG Alignment



The Lesson

Lesson duration: 45 - 60 minutes

1

Introduce the lesson to your students by asking about their knowledge of recycling and if anyone recycles at home.

- Display the “YES/NO” slide or print the handout.
- Create an open discussion about the basics of recycling.
- What exactly is recycling?
- What can be recycled?
- What can't be recycled?

2

Move through the slides asking them:

- Why is recycling important?
- What happens to garbage?
- What do you think about landfills?
- What do you think about pollution in the oceans and seas?
- How do you recycle?

3

Have students write one or two sentences about the most important thing they learned from the slides. Ask them to share what they wrote and why.

The Lesson

Lesson duration: 45 - 60 minutes

4

Next, ask students to count off from 1 to 4. Provide art supplies to each of the four groups.

- Ask all the 1s to team up to create one or more posters about **the 3 steps to recycling**. (1. know what to throw 2. clean and dry 3. place in right bin)
- Ask all the 2s to team up to create one or more posters about **what we can and cannot recycle**.
- Ask all the 3s to team up to create one or more posters about **how waste ends up in a landfill and our ocean**. (recyclables do not belong in the landfill)
- Ask all the 4s to team up to create one or more posters about **why recycling is important to the environment**. (keep out of the ocean)

5

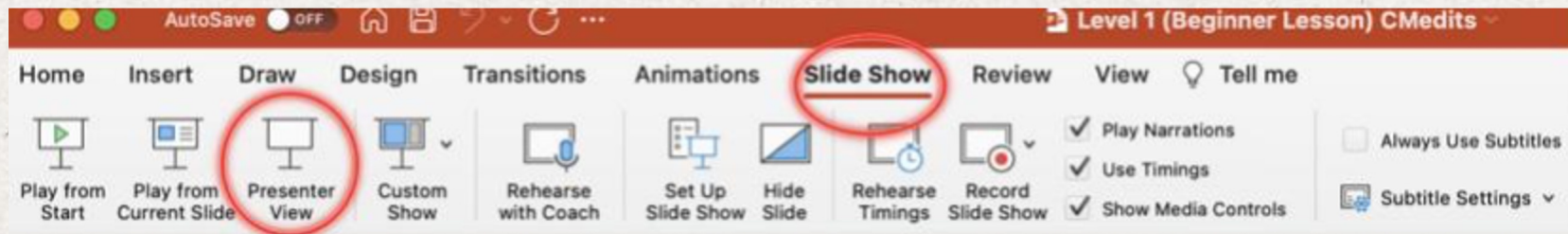
Have the groups present their posters to the class and hang them in the classroom.

Flexible and adaptive lesson

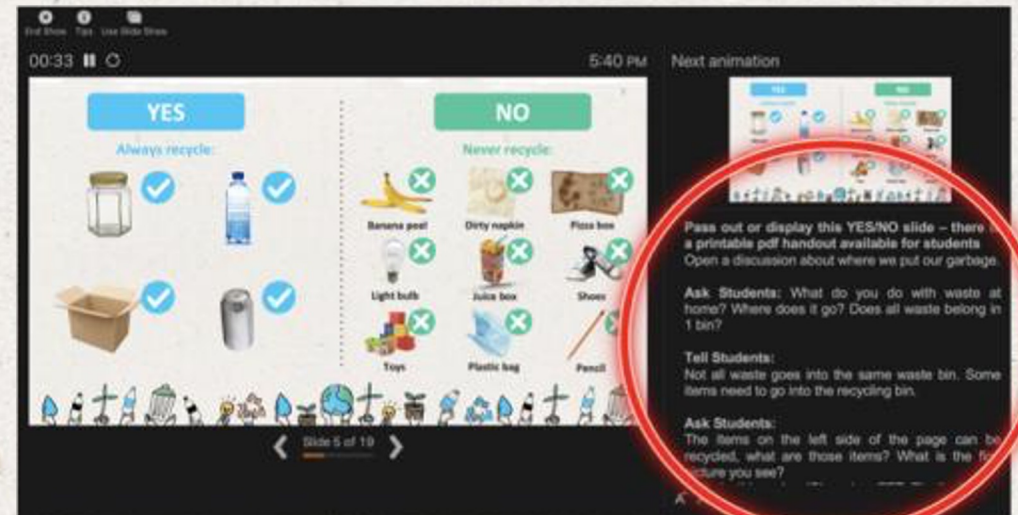
Lesson plans are designed to be flexible and responsive to the evolving needs of your classroom. Lessons are editable and customizable to meet the different individual student and classroom contexts. A PowerPoint version with teacher instructions and a printable PDF lesson are available for download.

Prepare the PowerPoint presentation

When you are ready to present the lessons to your class click on **Slide Show** on the top menu bar then select **Presenter View**. In Presenter view, you can see your notes as you present while the audience see only your slides.



The notes appear in a pane on the right. The text should wrap automatically, and a vertical scroll bar appears if necessary. You can also change the size of the text in the Notes pane by using the two buttons at the lower left corner of the Notes pane.





Glass jar



PET Plastic bottle



Shoes



Metal can



Light bulb



Juice box



Dirty napkin



Pencil



Plastic bag



Toys



Cardboard box



Garden hose



Banana peel

YES

NO



YES

Always recycle:



Glass jar



PET Plastic bottle



Cardboard box



Metal can

NO

Never recycle:



Banana peel



Dirty napkin



Garden hose



Light bulb



Juice box



Shoes



Toys



Plastic bag



Pencil



Where does your
waste go if you
do not recycle?



Where does our trash go?

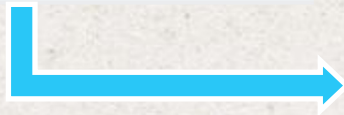


Most of our garbage goes to local landfills

- Landfills hold layers of different kinds of waste, but some of this waste does not belong here and will take hundreds of years to disappear.
- Landfills bring hazards such as **odor, smoke, noise, bugs, and water supply contamination.**



Where does our trash go?



How can we reduce our waste?



We can recycle many things and it is a great way to help keep our environment clean. **If we recycle, we create less waste.** How do you recycle?



The

3

Steps to Recycling



Step 1 Know what you can recycle.



Glass jar



PET Plastic bottle



Cardboard box



Metal can



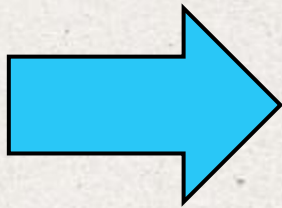
Step 2 Empty, clean, and dry before putting in the bin.



Step 3 Put recyclables into the correct recycling bin.



When we clean, dry, and recycle we can make new things.



Make a recycling poster



Next Steps

1

Next, ask students to count off from 1 to 4. Provide art supplies to each of the four groups. Tell students they will be making posters about recycling topics.

- Ask all the 1s to team up to create one or more posters about **the 3 steps to recycling**. (1. know what to throw 2. clean and dry 3. place in right bin)
- Ask all the 2s to team up to create one or more posters about **what we can and cannot recycle**. (use the YES/NO handout as a reference)
- Ask all the 3s to team up to create one or more posters about **how waste ends up in a landfill and our ocean**. (reference slide #10, what does a landfill look like?)
- Ask all the 4s to team up to create one or more posters about **how recycling can save the planet**. (protect ocean animals, save energy, fight climate change)

2

Have the groups present their posters to the class and hang them in the classroom.

