

TEACHER SUPPORTING MATERIALS

Read Aloud Suggestions

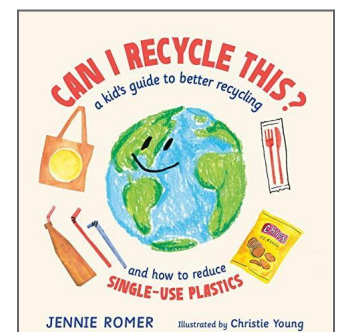
BEFORE reading *Can I Recycle This?* We recommend having a quick discussion with the kids to find out what they already *know* and what they *want to know*.

Use the **K-W-L Format**. If possible, write down some of their responses on a chart.

KWL (Know-Want/Wonder-Learned)

1. **BEFORE** reading. Activate their prior knowledge or what they already Know.
“What do you already know about RECYCLING?”
2. Generate some questions about what they Want to know or Wonder about.
“What kinds of things do you want to know about RECYCLING?”
“What are some things you were wondering about?”
3. **AFTER** the reading, discuss what they have Learned about RECYCLING.
“What are some things you learned about RECYCLING?”
“What was something interesting you now know?”

K: What I know	W: What I want to know or wonder about”	L: What I learned
Write responses about what the students KNOW below this heading.	Record the responses about what the students WANT to know below this heading.	After the completion of the lesson or unit, write what the students LEARNED below this heading.



Suggested Vocabulary Development

Investigate **Key Vocabulary** and **Recycling Terms**. Here are lists of key vocabulary to look for and understand in the book. Also check out the GLOSSARY on page 37.

<u>Tier 1</u> Everyday Vocabulary	<u>Tier 2</u> Academic Vocabulary*	<u>Tier 3</u> Key Recycling Terms
cans environment garbage glass metal natural paper plastic recycle trees	container extract reduce responsible resource reuse solution sort transformation waste	climate change compost decompose greenhouse gas incineration landfill methane resin single-use wish-cycling

***Academic Vocabulary/Tier 2:** These are high-frequency words that are used across content areas. These words are important for students to know to enhance comprehension of a selected text.

Goodie Bag

Helpful Preparation: Collect these items to show during the Read Aloud

- Plastic water bottle + refillable water bottle
- Juice box + plastic straw + metal straw
- Granola/candy bar wrapper
- Soda can
- Plastic bag + cloth bag
- Milk/water jug (#1 or #2)
- Magazine or newspaper
- Battery
- Plastic baggie + lunch box
- Take-out food container or dirty pizza box

Key to Student Activity Page

Crossword

- Across: 3. Plastic, 4. Landfill, 6. Recycle, 7. Reuse, 9. Batteries, 11. Reduce, 12. Resin, 13. Glass
- Down: 1. Metal, 2. Multilayered, 5. Refuse, 8. Paper, 10. Sorting

Sorting Game

- Recycling bin: newspaper, shampoo bottle, water bottle, soda can, paper art, cereal box, milk jug, glass jar* (*Make sure to check your local rules where you live!)
- Trash bin: straw, fork, juice box, foam cup

GUIDED READING SELECTIONS for YOUNGER CHILDREN

When reading ***Can I Recycle This?*** to younger kids use the following suggestions to generate discussions.

READ Pages* 1 -8: (Omit “FIND OUT MORE” on page 5)

- Vocabulary to discuss: *natural resources, landfill, recycle, transformation.*

SUMMARIZE Pages 9-10

- Summarize the many steps in the sorting process.
- Vocabulary to discuss: *facility, conveyor belt.*

READ Page 11 – (top)

- Vocabulary to discuss: *sorting.*
- Discuss: “Four main sorting bins at the recycling facility are PAPER, GLASS, METAL, PLASTIC. What are some things that would go in each of these bins?”

READ pages 15-16

- Discuss: “What is our local trash company?” Have you seen the trucks picking up garbage and recycling?
- Discuss: “Wish-cycling” (Note info at the bottom of page 16.)
- Show a few items from a Goodie Bag. “What bin would this go in?”

READ pages 17 – 22

- Vocabulary to discuss: *bodily fluids, short fibers, plastic coating, ceramics, tangled*
- Show items from a Goodie Bag: *battery, eye-glasses, to-go container.*

READ pages 23 - 26

- Vocabulary to discuss: *resins #1 & #2*
- Show a plastic jug/bottle with the #1 or #2 on the bottom.
- Show a juice box and how many layers it has.
- Discuss: “Why are many plastic items not recyclable?” (too small, low-quality, multi-layered)
- Discuss which items can be recycled on Page 26.

READ pages 27 – 30

- Vocabulary to discuss: *reduce, donate, single-use*
- Discuss: “What do you already do to help reduce single-use plastics?”
- Discuss: “Have you ever seen bins of items at a store where you could refill your own container?”

READ pages 33 – 34

- Vocabulary: *responsible, extracted, debris*

* Note: Pages in the book are not numbered, but Jennie at a podium is page 1 for purposes of this guide.

GUIDED READING SELECTIONS for OLDER CHILDREN

When reading ***Can I Recycle This?*** to older kids use the following suggestions to generate discussions:

READ Pages 1-8:

- Discuss "FIND OUT MORE" on **page 5**. "Do you know where our local trash company brings the garbage they collect?" "Have you ever seen a Landfill site or garbage dump?"
- Vocabulary: *natural resources, landfill, recycle, transformation.*

READ/or SUMMARIZE Pages 9-10:

- Discuss the various steps in the sorting process.
- Vocabulary: *facility, conveyor belt, liberator, drum magnets, shards, two-dimensional, three-dimensional*

READ/or summarize Pages 11-14:

- Vocabulary: *sorting, optical sorters, air guns, resins, bales.*
- Discuss: "Four main sorting bins at the recycling facility are PAPER, GLASS, METAL, PLASTIC. What are some things that would go in each of these bins?"

READ pages 15-16

- Discuss: "What is our local trash company?"
- Discuss: "Wish-cycling" EMPHASIZE info at the bottom of page 16.
- Show a few items from a Goodie Bag. "What bin would this go in?"

READ pages 17 – 22

- Vocabulary: *bodily fluids, short fibers, plastic coating, ceramics, tangled*
- Show items from a Goodie Bag: Battery, eye-glasses, to-go container.

READ pages 23 - 26

- Vocabulary: *resins #1 & #2*
- Show a plastic jug/bottle with the #1 or #2 on the bottom.
- Show a juice box and how many layers it has.
- Discuss: "Why are many plastic items not recyclable?"
- Discuss which items can be recycled on Page 26. (Or show items from a Goodie Bag.)

READ pages 27 – 30

- Vocabulary: *reduce, donate, single-use*
- Discuss: "What do you already do to help reduce single-use plastics?"
- Discuss: "Have you ever seen bins of items at a store where you could refill your own container?"

READ pages 31 – 34

- Vocabulary: *reusable, refillable, responsible, extracted, debris*
- Discuss: "What are some solutions to the problem?" "What can each of us do?"