

Reduce, Reuse, Recycle

How to do it:

- 1 Display a message like the following.

Good Morning, Recyclers!

We have been on the lookout for items that can be recycled or reused. I know some of our classroom supplies aren't useful anymore. Instead of throwing them away, let's see if we can find other uses for them.

Take a look at the materials below. Do you have any ideas about how to use them in different ways? Write one idea on the chart.

<u>Item</u>	<u>New Use</u>
dried-out markers	picture frames
old game pieces	models or dioramas

- 2 Use "word turns" to read the message (going around the circle, each student reads one word).
- 3 Read students' ideas aloud.
- 4 Have students turn and talk to a partner about other ideas they have. Add them to the list.
- 5 End the meeting by reinforcing students' thinking: "You've come up with lots of ways to reuse these materials!"

EXTENDING THE SCIENCE LEARNING AFTER MORNING MEETING

- Prompt students to continue their partner discussions later in the day.
- Have students brainstorm ideas for how to reduce their consumption of classroom supplies. For example, when doing a project that requires paper, they could go to the scrap box instead of using a new sheet of paper.

Science Content:

Environmental education,
recycling

Disciplinary Core Ideas:

Engineering, Technology, and
Applications of Science—
engineering design

Science & Engineering Practices:

Asking questions and
defining problems;
constructing explanations
and designing solutions

Crosscutting Concepts:

Scale, proportion, and
quantity; structure
and function

Materials Needed:

Used items that can be
recycled (paper scraps, paper
towel tubes) or reused (puzzle
pieces, dried-out markers,
broken or "too small" pencils)

Vocabulary:

Recycle, reduce, reuse