

Dabble Lab Lesson Plan

Series: Project Passion

Titles: *Bit by Bit: Projects for Your Odds and Ends*, by Mari Bolte

Bought in Bulk: Projects for Surplus Supplies, by Mari Bolte

Create and Keep: Projects to Hang on To, by Mari Bolte

Share the Love: Projects You'll Love to Give, by Mari Bolte

GENERAL INFORMATION: Grade Level(s): 2-3 Lesson Plan Title: Reduce, Reuse, Recycle
Curriculum: Reading Comprehension

Overview of Lesson: In this lesson, students will learn the importance of recycling and how it impacts the environment. Students will also make recycled paper. They will identify how they can make a difference by reducing, reusing, or recycling.

BENCHMARKS OR LEARNING OBJECTIVES:

AASL Skills Indicator 1.1.2: Use prior background knowledge as context for new learning.

Grade 2 Benchmark: Share what is known about a topic, problem, or question.

AASL Skills Indicator 1.1.9: Collaborate with others to broaden and deepen understanding.

Grade 2 Benchmark: Share knowledge and ideas with others by discussing and listening.

AASL Skills Indicator 2.1.6: Use the writing process, media and visual literacy, and technology skills to create products that express new understandings.

Grade 2 Benchmark: Create a product, with a beginning, middle, and end.

AASL Skills Indicator 3.1.5: Connect learning to community issues.

Grade 2 Benchmark: Express personal connections to the topic or question.

ASSESSMENT METHODS & CRITERIA:

Each student will create recycled paper and write a short paragraph on the importance of recycling for the environment.

RESOURCES AND OTHER LEARNING SUPPORT MATERIALS:

- Construction paper scraps
- Rocks (one for each student)
- Water
- Screen(s)
- Pen
- Bowls (one for each student)
- Marker
- *Environment Infographics*, by Chris Oxlade

INSTRUCTION AND ACTIVITIES:

1. Begin class by asking students to define the word *recycle*. Then list objects that can be recycled.
2. Read students the book *Environment Infographics* by Chris Oxlade. Discuss with students how the little things we do impact the environment in a big way.
3. Show students *Bit by Bit: Projects for Your Odds and Ends*, by Mari Bolte, and explain to them the importance of finding ways to reuse items.
4. Have students help make a list of things that can be recycled or reused and in what ways.
5. Explain to students that they will make their own recycled paper.
6. Students will get a bowl, a rock, scraps of construction paper and some water.
7. Pour a small amount of water into the bowl, put the scraps of paper in it, and use the rock to shred/grind all the paper until it is thick.
8. Students will then pour their paper mixture onto a screen and shape it.
9. Screen should sit outside to dry for a day. Once dry, ask the students to choose a project from *Bit by Bit: Projects for Your Odds and Ends*, by Mari Bolte. How can they use the paper to make a variation of this project? Have them create the project and share it with the other students.
10. Ask students to brainstorm about the importance of taking care of the environment. List ideas on board if you feel it is necessary.
11. Ask students to write a short paragraph about the importance of taking care of the environment. They will also identify what they can do at home to reduce, reuse, or recycle.

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