



Activity: Water Bottle 100 Challenge

Background:

Americans use about 50 billion plastic water bottles each year! Only 23% are recycled. That means 38 billion water bottles are wasted each year (or 15 million barrels of oil). Let's figure out different ways to reuse some of those bottles so they don't end up in a landfill.

Point Value:

12 points

Key Themes:



Scrapping



Teamwork

Procedure:

1. Explain to your students the fact about recycled bottles above. Have them brainstorm the different solutions to this problem, like don't buy and drink bottled water—use a reusable water bottle instead, recycle 100 percent of the plastic water bottle you use, find creative ways to reuse your plastic water bottles. Write these solutions on the board.
2. When they arrive at the answer about creatively reusing, explain to students that their task will be to think up 100 ways to reuse a plastic water bottle. Reinforce that they should be creative and try not to repeat any ideas, like fill it with apple juice, fill it with orange juice, etc.
3. Fill out the Water Bottle 100 form.
4. To complete the challenge, you and your students have to physically create 10 of your ideas and take a photograph of them. Email the photographs of your solutions to the Museum!

Materials:

Provided by Museum:

- Water bottle 100 worksheet

Provided by you and/or student:

- 10 water bottles for creative reuse
- Phone/ Camera to photograph ideas

WATER BOTTLE 100 CHALLENGE

DIRECTIONS: Think up 100 ways to reuse a plastic water bottle. Be creative and try not to repeat any ideas, like fill it with apple juice, fill it with orange juice, etc. Place a star next to the 10 ideas that you actually create for this challenge.



DYK?: Americans use about 50 billion plastic water bottles each year. Only 23 percent are recycled.

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