

WORKSHOP OVERVIEW | SUSTAINABLE CLEANING PRODUCTS

Overview:

In this activity, students will be creating their own eco-friendly cleaning products. Students learned that chemicals from the products we use at home and in school go down the drain and into our watershed. The polluted water then goes to water treatment plants before being sent back into the water system. By using clean products with fewer chemicals, we ensure individual and environmental health.

Activity Duration: 20-30 minutes

ESSENTIAL QUESTIONS

- Why is it important to use cleaner products at home and in school?
- In what way do chemical-heavy products impact our water systems?

MATERIALS NEEDED

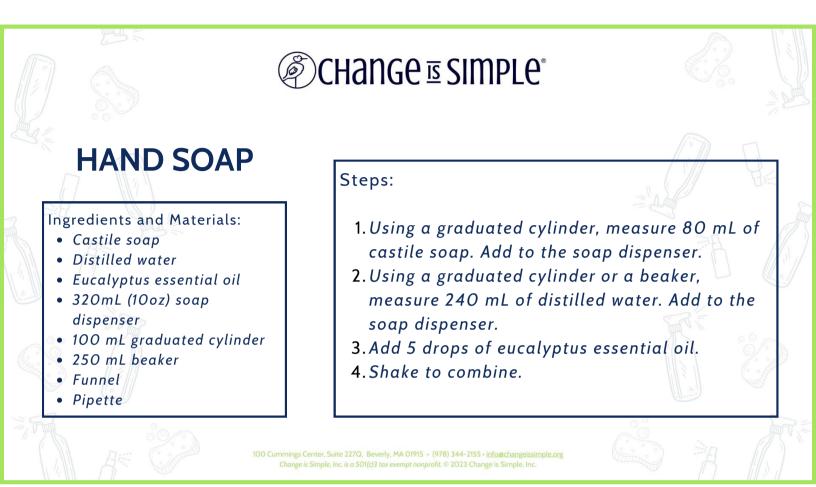
- Recipe cards
- 100mL Graduated cylinder
- 250 mL beaker
- Distilled water
- Witch hazel
- Castille soap
- Vinegar
- Rubbing alcohol
- Essential oils

ACTIVITY DESCRIPTION

- 1. Gather and set out ingredients for your chosen cleaning product (recipes and ingredients are outlined on recipe cards).
- 2. Follow the outlined instructions on the recipe cards to create your products.
- 3. Add a label to the products. Be sure to include the name of the product, the ingredients in the product, and any other information or imagery you desire.
- 4. Use or gift your clean products.

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RECIPE CARDS | SUSTAINABLE CLEANING PRODUCTS



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ROOM SPRAY

Ingredients and Materials:

- Witch Hazel
- Distilled water
- Peppermint essential oil
- 500 mL (16oz) spray bottle
- 100 mL graduated cylinder
- 250 mL beaker
- Funnel
- Pipette

Steps:

- 1. Using a graduated cylinder, measure 125 mL of witch hazel. Add to the spray bottle.
- 2. Using a graduated cylinder or a beaker, measure 375 mL of distilled water. Add to the spray bottle.
- 3.Add 5-10 drops of peppermint essential oil.
- 4. Shake to combine.

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