

# Date

## Subtheme

**Start Time:** Choose a start time.

**End Time:** Choose an end time.

**Curriculum Area:**

Functional Science

**Materials:**

- adapted directions
- eucalyptus, tea tree and lemon essential oils
- water
- vinegar
- container for wipes
- old cloths for wipes

**Objective(s):**

Students will mix organic chemicals to create safe cleaning products.

**Introduction:**

- "When you live at home by yourself, cleaning is something you will have to do daily/weekly and you'll need certain products to clean."
- As soon as teacher says that, they or another staff will accidentally spill something (e.g. drink).
- "OH NO! Let's get some disinfectant wipes to clean that up!"
  - ask for a volunteer to help wipe up spill (one with cleaning as a voc goal?)
- "These wipes were so handy to have. Does anyone know how much they cost?"
- Pull up images/prices of different cleaning products from online grocery store/shopping outlet (e.g. Amazon) and discuss whether they are expensive/cheap.
- "There are many ways to cut back on the costs of certain cleaning products and one way is to make them yourselves so today that is exactly what we are going to do."

**Body:**

- Teacher will pass out instructions and review them with students.
- Have students follow the directions to locate the correct ingredients.
- Have students (as independently as possible) complete the different steps.
- Once the wipes have been made, allow students to use the wipes to clean up different "spills" or take them down to the kitchen and volunteer to wipe the tables for the class that is cooking.
- Watch brief clip that compares two products  
<https://www.youtube.com/watch?v=izJcs6JcP10>
- Make two similar spills next to each other (tomato sauce). Have one student use a clorox wipe to clean a spill and one student use a homemade wipe to clean.
- Have students compare homemade wipes vs. the Clorox wipes.
  - expense
  - quality
  - convenience

**Closing:**

- Teacher will review the final step at the bottom of the instructions page.
- Students w/ laundry goal → have them take the used wipes downstairs and put them in the laundry.

# Homemade Disinfectant Wipes



## Ingredients

- 1 cup water 
- 1/4 cup white vinegar 
- 8 drops eucalyptus essential oil 
- 8 drops tea tree oil 
- 8 drops lemon essential oil 

## Directions

1. Put cloths in container
2. Combine ingredients in a bowl and mix
3. Pour mixture over the cloths
4. Allow mixture to soak in and then use

Cloths are reusable. When you are finished, wash them in the laundry and reuse.

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