

LIP BALMS AND SOAPS LESSON



SUMMARY/BIG IDEA:

Introduce students to some of the many products that depend on honey bees for their ingredients.

Review the properties of matter.

Investigate mixing two or more substances.

MATERIALS & RESOURCES:

- Collect some example products to show students
- Choose recipes that are manageable in your setting
- [Bee wax for lipbalms](#)
- [Lip balm containers](#)
- [Soap base](#)
- [Soap mold](#)

STEPS:

PART ONE:

1. Discuss the many uses of honey, beeswax, and propolis.
2. Collect the materials and supplies needed for your recipe.
3. Review the properties of matter and ask students to classify the materials based on their properties (color, texture, hardness, etc).
4. Students classify materials as a solid, liquid, or gas in Bee Journal.
5. Students record their prediction on whether they will make a new substance when combining the materials.
6. Allow students to participate in the process as much as is reasonable.
7. General lip balm recipe:
 - Melt wax in a double boiler or microwave according to directions on package.
 - Stir in honey and essential oils until all is incorporated.
 - Spoon or pour liquid into tins or tubes and allow mixture to cool.
 - Label and enjoy!
8. General soap recipe
 - Melt soap base according to directions on package.
 - Stir in honey and essential oils until incorporated.
 - Pour into soap molds and allow mixture to cool.



ASSESSMENT/REFLECTION:



Bee Journal Entry - Did you make a new substance? Is it a solid, liquid, or gas? How do you know?

Discuss benefits of natural products versus others. Brainstorm list of the many things made from honey, wax and propolis.

LIP BALMS AND SOAPS LESSON STANDARDS

NEXT GENERATION SCIENCE

5-PS1-3; 5-PS1-4

ELA COMMON CORE

W.3.7; W.4.7; W.5.7