

FUN WITH SCIENCE UNIT

HONEY BEE LESSON: MAKING BEES WAX LIP BALM

Notes:

Lip balm is a product used to help prevent lips from chapping. Lips chap when they get too dry, and they get too dry when air is dry and pulls moisture out of the top layer of the skin faster than moisture can diffuse in from underlying layers, the result is chapped lips. This happens all over a human body in dry weather, but the thinner layers, like those on the lips, dry to the point of cracking. A good way to prevent lips from chapping is to keep them hydrated. One way to keep lips hydrated is to place a sealant on the lips, like lip balm, to prevent water from escaping.

Directions:

Shave one tablespoon of beeswax into a microwave safe bowl
Add 4 tablespoons coconut oil and 4 tablespoons of petroleum jelly
Heat in microwave for about 45 seconds or until melted.
Mix in as little or as much of the kool-aid as you like until dissolved.
Pour into the container and let set for a couple hours. Or put in the fridge for about an hour.

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OBJECTIVE:

- A. Students will learn about honey bees, pollination, and products made by bees.
- B. Students will learn how to make lip balm using beeswax.

MATERIALS:

1. KWL Chart
2. Beeswax
3. Petroleum jelly
4. Coconut Oil
5. Kool Aid: assortment of flavor packets
6. Small containers for lip balm/one needed per student.
7. Microwave needed to melt beeswax

PROCEDURE:

1. Hand out KWL charts to each student. Have students fill out the first two sections before you present the Honey Bee Power Point.
2. Present Power Point
3. Give students time to fill out the section of what they learned on the KWL chart.
4. Review what students learned from KWL chart
5. Hand out “How to Make Lip Balm” directions
6. Read lip balm information and review directions.
7. Make lip balm

CLOSURE:

Discussion Question: What other things would you like to make using bee products?

STUDENT HANDOUTS:

1. KWL Chart
2. How to Make Lip Balm

