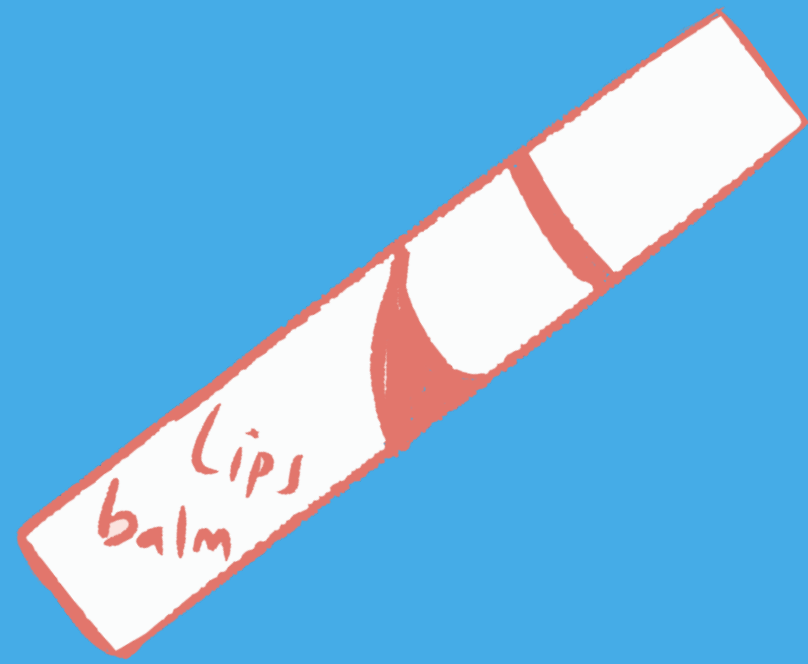




INSTRUCTIONS

Game objective...

Students will create their own lip balm using natural ingredients, understand the concept of beauty justice, and relate it to environmental science by analyzing the environmental impact of cosmetic products.

MATERIALS NEEDED

- Beeswax pellets
- Shea butter
- Coconut butter
- Essential oils (optional, 5 drops per batch)
- Lip balm tubes (10)
- Glass beaker
- Wooden spoon
- Hot plate (one per classroom)
- Pippettes
- Stirring stick
- Safety goggles

SAFETY PRECAUTIONS

- Always wear safety goggles, aprons, and gloves when handling hot materials.
- Follow all school safety protocols regarding the use of a hot plate.
- Be aware of the hot surfaces and melted materials to prevent burns. Ensure proper ventilation if using essential oils.



PROCEDURE

Preparation:

Divide the class into small groups (3-4), each responsible for making a batch of 10 lip balm sticks. Distribute materials to each group.

Melting Ingredients:

Using the wooden spoon, place one scoop each of the beeswax pellets, shea butter, and coconut oil into the glass beaker. Place the container onto the hot plate and set to a low heat setting. Stir the mixture continuously until all ingredients are fully melted and combined.

Adding Flavored Oils:

Once the mixture is fully melted, remove it from the heat. Add 5 drops of essential oil to the mixture and stir thoroughly.

Pouring into Tubes:

Carefully pour the mixture into the lip balm tubes. Allow them to cool and solidify completely before capping.

Labeling:

Have students label their lip balm tubes with ingredients and any scents added.