



Lesson plan

Honey Soap

Austria

Title

Cosmetic Products – Honey Soap

TARGET GROUP

Schools (Science Lessons)

DURATION: ca 100min

100min → 4-6 weeks until dry

EXPECTED LEARNING RESULTS (AIM AND OBJECTIVES)

to extend the pupils knowledge about bees and what their benefits for us are.

STUDENT KNOWLEDGE AND PERCEPTIONS

to have basic knowledge about laboratory work

CLASSROOM ORGANIZATION AND REQUIRED INFRASTRUCTURE

Heat resistant working surface, to be able to rely on our students

MATERIALS & SOFTWARE

- Beeswax
- Plant oil (olive oil, coconut oil, ...)
- Honey

Additional: ingredients like: cinnamon, vanilla,

- heat resistant bowl



- stove
- crucible, doze

DESCRIPTION (BRIEF DESCRIPTION OF THE TEACHING PROCESS)

1. **Melting:** Place the beeswax and plant oil in a heat-resistant bowl and set it over a water bath. Heat the mixture slowly until the beeswax is completely melted.
2. **Cooling:** Remove the bowl from the stove and let the mixture cool down a little. This is important so that the beeswax retains its valuable nutrients and the mixture does not harden too quickly.
3. **Adding:** Stir the honey into the cooled mixture. Stir vigorously so that the honey is well distributed and does not settle at the bottom.
4. **Filling:** Quickly pour the still liquid mixture into small, clean jars or tins.
5. **Setting:** Allow the lip balm to harden at room temperature or in the freezer. If needed, you can stir the surface with a toothpick during cooling.