



MAKING HOMEMADE PERFUME

with Flowers and Alcohol

Name: _____

Date: _____

Experiment #: _____

BIG IDEA: Flowers contain fragrant compounds called essential oils. Alcohol can extract these oils, creating a natural perfume.

QUESTION

How can we use flowers and alcohol to make our own perfume?

HYPOTHESIS

I think _____

because _____

MATERIALS

- Fresh, fragrant flowers (e.g., rose, lavender, jasmine, lilac)
- Rubbing alcohol (70% or higher)
- Glass jar with lid
- Cheesecloth or coffee filter
- Funnel
- Small glass spray bottle or roll-on bottle
- Label and marker (optional)



PROCEDURE

- 1 Prepare the flowers.**
Gently rinse flowers if needed. Remove leaves and stems. Lightly crush petals to release their fragrance.
- 2 Fill the jar.**
Add the flower petals to the glass jar, filling it about halfway.
- 3 Add alcohol.**
Pour rubbing alcohol over the petals until they are completely covered.
- 4 Seal and shake.**
Close the jar tightly and shake gently.
- 5 Let it steep.**
Place the jar in a cool, dark place for 3–7 days. Shake it once a day. (The longer it steeps, the stronger the scent.)
- 6 Strain the liquid.**
Use cheesecloth or a coffee filter and a funnel to strain the liquid into a clean bowl, removing the petals.
- 7 Bottle your perfume.**
Pour the liquid into a clean spray bottle or roll-on bottle.
- 8 Label and enjoy!**
Label your bottle with the flower(s) used and the date. Your homemade perfume is ready to use!

OBSERVATIONS

What color is the liquid? _____

What does it smell like? _____

How does the scent change over time? _____



RESULTS & CONCLUSION

What worked well? _____

What would you do differently next time? _____

What did you learn? _____



SAFETY FIRST!

Alcohol is flammable. Keep away from flames and heat. Ask an adult for help. Do not eat or drink any ingredients.

