



# SOAPMAKING

## STEM Discovery Toolkit

Squeaky clean fun for all ages! Explore this sudsy world as you create your very own uniquely scented and fun shaped soap!

### Lessons Included:

- Fizzing Bath Soap
- Invent a Scent
- Glycerin Soap

### Life Skills Objectives:

Youth will gain critical thinking and problem solving skills by engaging in hands-on experiential learning experiences.

### Learning Science Through Inquiry:

Students will use ratios and proportions to create the perfect combination of scents and color, discover the concept of saponification (the chemical process that produces soap), and explore chemical reactions.

To request a STEM Discovery Toolkit fill out the [Check Out Request Form](#)

### What's Inside?

- ⇒ Soap Squares
- ⇒ Soap Kettle
- ⇒ Scents
- ⇒ Dyes
- ⇒ Molds
- ⇒ Additional Supplies



For more information about STEM opportunities from UW-Extension, or to request a STEM Discovery Toolkit, contact Annie Lisowski, 4-H & Youth Development Educator, 608-685-6256 or email [annie.lisowski@wisc.edu](mailto:annie.lisowski@wisc.edu)