

# Be a soaper hero

## Interdisciplinary Unit Plan

### Grade levels: elementary level

\*The information in this unit plan is intended as a general guide for elementary school educators. Please modify it for the grade level taught.

\*Resources and information available at [www.uwyo.edu/soaperhero](http://www.uwyo.edu/soaperhero) are italicized.

### Subjects:

- Health
- Arts/Music
- Language Arts
- Mathematics
- Science



### Overview:

“Hand washing is the single most effective way to prevent the spread of infection,” according to the Centers for Disease Control and Prevention. Informal classroom studies have shown that thorough and frequent hand washing can help reduce illness and absenteeism in children. The importance of hand washing can be combined in a number of interdisciplinary lessons and activities over a 3-4 week period.

### Objectives:

- To teach students the importance of hand washing
- To encourage frequent and proper hand washing by students both at school & home

### Arts/Music-

- Make Soaper Hero (Soaper Man, Water Woman and Dry Boy) and germ-monster puppets using foam board or construction paper
- Have students write and perform a Soaper Hero puppet show, complete with *Soaper Hero song*
- Write a class hand washing theme song; sing the song every day
- Create a class banner with messages about hand washing
- Draw what different kinds of germs might look like
- Draw what other Soaper Heros might look like
- Have a poster contest

## Language Arts

- Read Those Mean, Nasty, Dirty Downright Disgusting but...Invisible Germs to the class (ordering information on the Soaper Hero suggested reading list.)
- Provide a display of resource books and children's literature having to do with hand washing (See the Soaper Hero suggested reading list.)
- Write creative stories with the Soaper Heros (Soaper Man, Water Woman, and Dry Boy) and germ-monsters as main characters

## Mathematics

- Using the hand washing counter sheet, found under Kids Zone, have student mark each time he/she washes his/her hands. At the end of the week, have students bring back counter sheets. As a class, count how many Germ-monsters you've crossed off.
- Bubbles Galore– Students blow bubbles, measure them, predict their staying power, and graph the results. Lesson plan can be found at: [http://www.education-world.com/a\\_tsl/archives/02-1/lesson023.shtml](http://www.education-world.com/a_tsl/archives/02-1/lesson023.shtml)

## Science

- Bubble-Ology– make bubbles and teach students to be aware of the fascination of astronomy and teach elementary scientific principles. Lesson can be found at: <http://askeric.org/cgi-bin/printlessons.cgi/Virtual/Lessons/Science/SCI0003.html>
- Using Petri dishes, look at the number of bacteria that can be produced. Compare the difference between washed and unwashed hands. Lesson can be found at: [www.accessexcellence.org](http://www.accessexcellence.org)

[www.uwyo.edu/soaperhero](http://www.uwyo.edu/soaperhero)

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*This publication is issued in furtherance of Cooperative Extension work. Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Noelle Cockett, Vice President for Extension and Agriculture, Utah State University.*