

## Station 1: Soap

1. Why do you think soap (and water) is better at cleaning than only water (no soap)?
2. Create one chemistry-related question you might have regarding soap.

## Station 2: Foam Blocks

1. Is this made of chemicals? If so, where do they come from?
2. Create one chemistry-related question you might have regarding foam blocks.

### Station 3: Rusty Nails

1. Is rust a different substance than what makes up a nail? How do you know?
2. Create one chemistry-related question you might have regarding rusty nails.

#### Station 4: NaCl

1. This is a substance that you probably use almost every day. Can you identify it?
2. Create one chemistry-related question you might have regarding NaCl.

### Station 5: Balance

1. Compare the masses of the two objects.  
What do you notice?
2. What do you call it when two objects of the same size have different masses?
3. Create one chemistry-related question you might have regarding balances and/or the relationship you uncovered between the two objects.

## Station 6: Hot Hands/Heat pack

1. This object gets hot when you mix its contents. How is this object the same and how is it different from fire?
2. Create one chemistry-related question you might have regarding Hot Hands/Heat Packs or even certain types of Cold Packs.

## Station 7: Plastic Graduated Cylinders

1. This graduated cylinder is made with plastic. List two advantages AND two disadvantages of using plastic to make things like this graduated cylinder.
2. Create one chemistry-related question you might have regarding plastic and/or graduated cylinders.

## Station 8: Thermometer

1. What do you think happens inside the thermometer when it gets hot or cold?
2. Create one chemistry-related question you might have regarding thermometers.



### Station 9: Tums

1. What is going on inside a person's stomach that would cause them to want to take Tums?
2. Create one chemistry-related question you might have regarding Tums and/or similar medicinal products.

## Station 10: Glue

1. Since glue helps stick objects together, how come glue doesn't stick to the inside of the bottle?
2. Create one chemistry-related question you might have regarding glue.