



## Magic Sparkles

Stem Activities



Ages: 3-5



Less than 30 minutes



Grownup needed



Create your own magic glitter effect! All you need is water, glitter, and soap. This experiment is simple to set up and will amaze your young children! The magic lies in how soap changes water's surface tension.

## Materials Needed

Plate  
Box of glitter  
Soap  
Cup of water



## Step-by-step tutorial

### Step 1

Pour water onto the plate.



### Step 2

Take the glitter and sprinkle it onto the water in the plate. Be careful not to use too much!



### Step 3

Dip your finger in the soap.



### Step 4

Now gently touch the glitter in the plate with your soapy finger and watch what happens to the glitter!



## The Science Behind It:

Water molecules like to stick together, while soap likes to separate them. Water molecules connect to each other (this is called surface tension), but when you add soap to the mixture, the water quickly separates. As the water moves, it carries the glitter along with it.