

# Splash Lab



## STEAM Square Activity Sheet

### Supplies Needed:

- Skittles
- Warm Water
- Cool Water
- Paper or ceramic plate
- Glass or bottle to pour water



### Directions:

1. Arrange any amount of skittles in a circular pattern around the outside of your plate
2. Slowly add water to the center of the plate until the water reaches the candy. Candy should not be submerged. If it moves, put it back as soon as you can.
3. Observe what happens over the next few minutes to the skittles and water.

### Questions:

- A. Why do the colors spread?
- B. Why do you think that they don't mix?
- C. How could the reaction be sped up?
- D. What would happen if you made an inner ring inside the initial one for the experiment?

### Extension Activity Ideas:

1

#### OTHER LIQUID

Repeat the experiment with other liquids

2

#### OTHER CANDIES

Use different candies to see how they react

3

#### SELF PORTRAIT

Create a self portrait with the candy then see how it changes with water

4

#### PAINT WITH SKITTLES

Dissolve several of the same color skittles into different jars to make finger paints