Name:	

# **Water Exploration Stations**

#### **Station 1: Water on a Penny**

Materials: Penny, Pipette, Container of Water

- 1. How many drops of water do you predict will fit on top of a penny? \_\_\_\_ drops
- 2. Try it!
- 3. Record your results below.

Trial	Number of
	Drops
1	
2	
3	

4. Look at the water and penny at eye level from the side. Draw and write your observations below.

Draw	Write

#### **Station 2: Molecules in Motion**

Materials: Container of water, food coloring, pipette

1. What do you predict will happen if you put two drops of food coloring in a container of water without stirring it?

- 2. Try it!
- 3. Draw and write your observations below.

Draw	Write

### **Station 3: Water on Wax Paper**

Materials: Wax paper, container of water, pipette

1. Place two drops of water very close together on wax paper. What do you predict will happen when you gently push one drop toward the other with the pipette?

- 2. Try it!
- 3. Draw and write your observations below.

Draw	Write

Station	4:	Soap	and	Water
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Materials: Penny, Pipette, Container of Water, Clean Paperclip, Soapy Paperclip

1. Put 20 drops of water on a penny. What do you predict will happen if you put the tip of the *clean* paperclip gently into the water on the penny?

\_\_\_\_\_

- 2. Try it!
- 3. Draw and write your observations below.

Draw	Write

4. Put 20 drops of water on a penny. What do you predict will happen if you put the tip of the *soapy* paperclip gently into the water on the penny?

- 5. Try it!
- 6. Draw and write your observations below.

Draw	Write

## **Station 5: Wet Paintbrush**

Materials: Dry paintbrushes, container of water

Try it!  Draw and write your observations below.  Write  How do you predict the bristles will look when you pull the paintbrush out of the water?  Try it!  Draw and write your observations below.  Draw Write	Draw and write your observations below  Draw Write  How do you predict the bristles will look water?  Try it!  Draw and write your observations below	1.
Draw Write  How do you predict the bristles will look when you pull the paintbrush out of the water?  Try it!  Draw and write your observations below.	How do you predict the bristles will look water?  Try it!  Draw and write your observations below	<i>I</i> .
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Try it! Draw and write your observations below.	Try it! Draw and write your observations below	when you pull the paintbrush out of the
Draw and write your observations below.	Draw and write your observations below	
Draw and write your observations below.	Draw and write your observations below	
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Write	Diaw Write	*

#### **Station 6: Bubbles**

	Materials:	Container	of water.	bubble solution.	. 2 bubble	wands
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1.	Is it possible	to blow a	bubble	with plain	water?	

- 2. Try it!
- 3. Draw and write your observations below.

Draw	Write

- 4. Is it possible to blow a bubble with soapy water? \_\_\_\_\_
- 5. Try it!
- 6. Draw and write your observations below.

Draw	Write

#### **Station 7: When Water Flows Up**

Materials: Pipette,	wax paper,	container of	f water,	coffee	straw,	drinking	straw,	strips	of
paper towel									

- 1. Is it possible for water to flow up? \_\_\_\_\_
- 2. Try it! Place 10 drops of water on a piece of wax paper. Hold the end of a drinking straw in the water.
- 3. Draw and write your observations below.

Draw	Write

- 4. Now, hold a coffee straw in the water.
- 5. Draw and write your observations below.

Draw	Write

- 6. Now, hold the end of a strip of paper towel in the water.
- 7. Draw and write your observations below.

Draw	Write