

# FUN & EASY SCIENCE ACTIVITIES

## MATERIALS LIST

Activity	Materials Needed Per Student/Group
Rubber Band Paddle Boats	<ul style="list-style-type: none"> <li>• Cardboard</li> <li>• Scissors</li> <li>• Markers</li> <li>• Duct Tape</li> <li>• Rubber Bands</li> <li>• Tub of Water</li> </ul>
Sunscreen Lotion vs. Sunscreen Spray	<ul style="list-style-type: none"> <li>• Sunscreen Lotion</li> <li>• Sunscreen Spray</li> <li>• Black Construction Paper</li> <li>• Paintbrush</li> <li>• Pencil</li> </ul>
What will melt an ice cube the fastest?	<ul style="list-style-type: none"> <li>• Ice cubes</li> <li>• Spoon</li> <li>• Tray</li> <li>• Salt</li> <li>• Sugar</li> <li>• Vinegar</li> <li>• Index Cards</li> </ul>
Balloon Tower	<ul style="list-style-type: none"> <li>• Balloons</li> <li>• Tape</li> </ul>
Outdoor Chalk Paint	<ul style="list-style-type: none"> <li>• Cornstarch</li> <li>• Water</li> <li>• Food Color</li> <li>• Small Plastic Plates</li> <li>• Paintbrush</li> <li>• Mixing Bowl</li> <li>• Spoons</li> </ul>

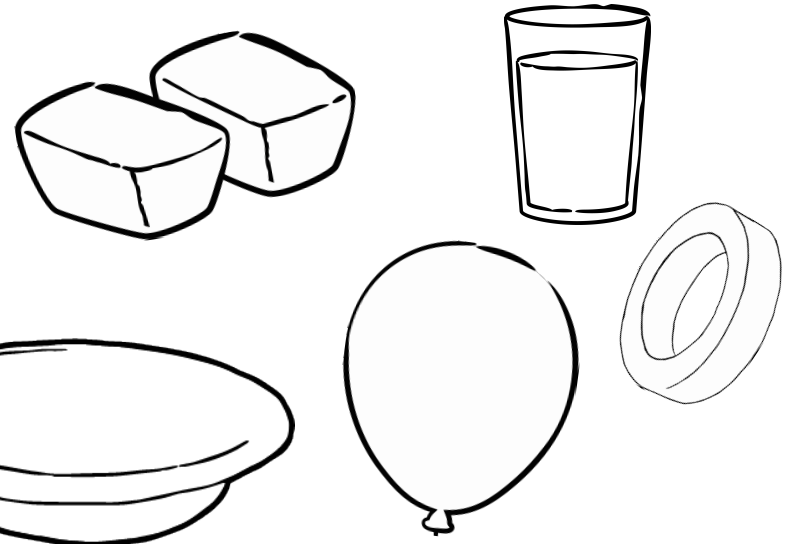
## SUMMER SCIENCE INVESTIGATIONS & EXPERIMENTS

Rubber Band Paddle Boats
Sunscreen Lotion vs. Sunscreen Spray
What will melt an ice cube the fastest?
Balloon Towers
Outdoor Chalk Paint

• **5 DIFFERENT ACTIVITIES**

• **EASY TO FIND MATERIALS**

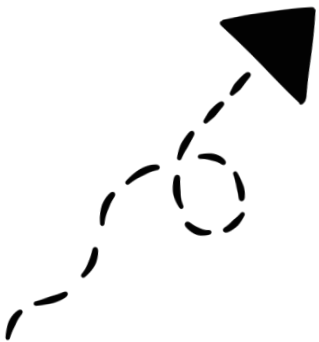
• **HANDS ON**



**PERFECT FOR THE END OF YEAR!**

# FUN & EASY SUMMER SCIENCE ACTIVITIES

1. Rubber Band Paddle Boats
2. Sunscreen Lotion vs. Sunscreen Spray
3. What will melt an ice cube the fastest?
4. Balloon Towers
5. Outdoor Chalk Paint

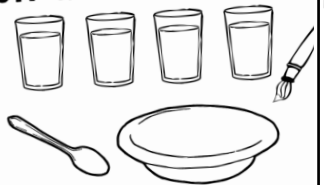


# FUN & EASY SCIENCE ACTIVITIES

# INCLUDES RECORDING SHEET FOR EVERY ACTIVITY

Name: \_\_\_\_\_

## OUTDOOR CHALK PAINT



**Materials:**

- Cornstarch
- Water
- Food Coloring
- Small Plastic Cups
- Paintbrushes
- Mixing Bowl
- Spoons

**Procedure:**

1. Combine 2 cups of water with 2 cups of cornstarch in a mixing bowl. Stir until the cornstarch dissolves and is smooth.
2. Divide the mixture into small plastic cups. Add different colors of food coloring to each cup.
3. Use the paint on the sidewalk.


How did your paint turn out? \_\_\_\_\_

How could you improve it? \_\_\_\_\_

What challenge did you face? \_\_\_\_\_

Name: \_\_\_\_\_

## RUBBER BAND PADDLE BOATS



**Materials:**

- Cardboard
- Scissors
- Duct Tape
- Rubber Bands
- Tub of Water

**Procedure:**


1. Draw your boat shape on the cardboard. It looks like a little house and a door. Save the square you cut out to use as a paddle.
2. Cut the small square a little on each side so it will easily slide around inside the boat. You'll also be covering both sides of the boat with duct tape. Don't forget to cover the boat with duct tape.

How did your boat move? \_\_\_\_\_

How could you improve it? \_\_\_\_\_

Name: \_\_\_\_\_

## BALLOON TOWERS



**Materials:**

- Balloons
- Tape

**Task:** Create the tallest, free-standing balloon tower using only tape and balloons.

Before building, draw a plan:

Draw a sketch of your completed balloon tower:


Did your tower turn out just like your plan? \_\_\_\_\_

What challenges did you experience? \_\_\_\_\_

How could you turn this into an experiment? \_\_\_\_\_

Name: \_\_\_\_\_

## WHAT WILL MELT AN ICE CUBE THE FASTEST: SALT, SUGAR, OR VINEGAR?



**Procedure:**

1. Make a prediction in the first boxes below. What do you think will happen to the ice cube in each column?
2. Use the index cards or sticky notes to label the ice cubes: salt, sugar, vinegar, control group.
3. Place an ice cube near each label on the tray.
4. Use the spoon to sprinkle salt, sugar, and vinegar on the matching ice cubes. Don't put anything on your last ice cube, it will be your control.
5. Observe and record your observations for each ice cube.

	Salt	Sugar	Vinegar	Control Group (nothing)
Prediction				
Time Elapsed				
Time Elapsed				
Time Elapsed				

Which material melted the ice cubes the fastest? Why do you think this happened? \_\_\_\_\_

Name: \_\_\_\_\_

## SUNSCREEN LOTION VS. SUNSCREEN SPRAY

**Procedure:**

1. Fold the black construction paper in half. Label one side "Sunscreen Lotion" and the other side "Sunscreen Spray".

**Materials:**

- Sunscreen Lotion
- Sunscreen Spray
- Black Construction Paper
- Paintbrush
- Pencil

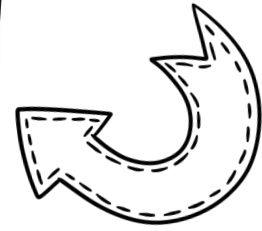
Sunscreen Lotion

Sunscreen Spray

	Sunscreen Lotion	Sunscreen Spray
Time Elapsed		
Time Elapsed		
Time Elapsed		

Which material protected the black construction paper the longest? Why do you think this happened? \_\_\_\_\_

What can you draw from this experiment? \_\_\_\_\_



# EXPERIMENTS & INVESTIGATIONS