

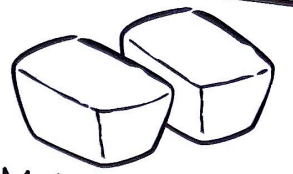
# OUTDOOR CHALK PAINT

- 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 evenly into the small plastic cups. Make different colors in each cup, using the food coloring.
  3. Use the paintbrushes to paint pictures or messages on the sidewalk outside.

# 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.

- Materials:
- Ice cubes
  - Spoon
  - Tray
  - Salt
  - Sugar
  - Vinegar
  - Index Cards or Sticky Notes

	Salt	Sugar	Vinegar	Control Group (nothing)
Prediction	Slower	Slower	will melt the fastest	slowest
Time Elapsed:	:45	:45	:30	1:00
Which material melted the ice cubes the fastest?				

# 5 Summer Themed Science Experiments

Why do  
is




# Each experiment has a student recording sheet:

- Materials
- Procedure
- Record Observations
- Draw Conclusions

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

## OUTDOOR CHALK PAINT



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**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 evenly into the small plastic cups. Make different colors in each cup, using the food coloring.
3. Use the paintbrushes to paint pictures or messages on the sidewalk outside.

How did your paint change throughout the process? It became thicker and a different consistency.

How could you turn this into an experiment? Try different liquids and solids.

What challenges did you experience? It became hard to stir.

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# Summer Themed Science Activities

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

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

## SUNSCREEN LOTION VS. SUNSCREEN SPRAY

Procedure:

1. Fold the black construction paper in half.
2. Label one side "Lotion" and the other "Sunscreen".
3. Use a pair of scissors to cut out the "Sunscreen" side.
4. Going outside, spray the "Sunscreen" side on your skin.
5. Lay flat your "Lotion" side.

Materials:

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

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

## RUBBER BAND PADDLE BOATS

Materials:

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

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:

looks like a  
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# Why should you do science experiments?

- Experiments allow for a great classroom discussion, problem-solving, and interactions between students and teacher.
- Hands-on activities will also allow students to be social. This will be a great relationship building activity for students.
- Have fun with your students! They can see your personality and you can learn more about them, too.

# Why should you do science experiments?

- We all know how students behave near the summer months! These experiments and investigations will keep your students fully engaged.
- Behavior problems will decrease as student engagement increases!
- Hands-on activities create a level of student buy-in. There's motivation to learn and grow now that the student has enjoyed a learning activity.

# Purchase now to ignite your students' passion for science!



**"I love this so much!  
Easy, low-prep  
investigations that my  
students loved. I used some  
of these to introduce the  
scientific method."**



**"These experiments are  
exactly what I was looking for.  
It provides hands-on science  
including great follow up  
questions for each activity. The  
kids look forward to  
them each week."**



**"I love the ease  
and low prep time of  
these science activities. It  
will help us learn about the  
scientific method through  
simple experiments."**



**"As a first timer teaching  
science, I was so happy to find  
this resource with simple  
activities using everyday  
household items that I could easily  
find to implement  
in the classroom with my students  
for science hands on  
experiments."**



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# EASTER SCIENCE

**MATERIALS LIST**

Activity	Materials Needed Per Student/Group
Jelly Bean Tower	<ul style="list-style-type: none"> <li>Toothpicks</li> <li>Jelly Beans</li> </ul>
What liquid will dissolve marshmallow Peeps the most?	+ liquids
What liquid will change an egg the most: water, vinegar, or ...?	

**EASTER SCIENCE INVESTIGATIONS & EXPERIMENTS**

# THANKSGIVING SCIENCE

**Turkey Balloon Rockets**

name \_\_\_\_\_

**Materials**

- Yarn
- Balloons
- plastic Straw
- Tape
- Scissors
- 2 Chairs
- Construction Paper
- Feathers

**Procedure**

1. Create a turkey with construction paper.
2. Tie or tape the yarn to the back of the straw onto the other end of the second chair. Make a loop.
3. Attach the turkey to the straw.
4. Inflate the balloon.
5. Pull the straw taut between the two chairs.
6. Release the turkey.

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Save money and get science experiments for the **WHOLE** year!

Which liquid allows the gummy bears to grow the most?

**Materials**

- 3 gummy bears (same color)
- Three bowls
- 1 cup of water
- 1 cup of salt water
- 1 cup of soda

**Procedure**

- Step 1: Pour 1 cup of liquid into each bowl.
- Step 2: Place the gummy bear in each bowl.
- Step 3: Observe.
- Step 4: Measure the gummy bear's length.

Gummy Bear Length	Water	Salt Water	Soda
1.50 in	1.48 in	1.52 in	
		1.45 in	
1.75 in	1.35 in		

do you think it grew water

do you think it grew salt

# 10 SCIENCE ACTIVITIES

**EMERGENCY SCIENCE INVESTIGATIONS & EXPERIMENTS**

**Rubber Band Paddle Boats**

**Sunscreen Lotion vs. Sunscreen Spray**

# SUMMER SCIENCE