



2026-2027

Science Fair Information Packet

PreK- 1st Grades

Your Mission: Choose a Science Investigation!

Each Pre-K–1st Grade class will participate in the CSI-themed Science Fair by completing a **class science investigation**.

Teachers should select **ONE topic** from the choices below or submit an original age-appropriate science investigation for approval.

CSI Investigation Topics

1. Which Material Makes the Best Umbrella?

Investigate which material keeps an object the driest when exposed to water.

2. CSI: Magnetic Mystery

Investigate which classroom objects are attracted to a magnet and which are not.

3. The Case of the Disappearing Water

Investigate what happens to water when it is left in different locations.

4. The Mystery of the Growing Plant

Investigate what plants need to grow by observing plants under different conditions.

5. CSI: Melting Mystery

Investigate which location causes an ice cube to melt the fastest.

6. Balloon Investigation

Investigate what happens when balloons are exposed to different conditions or tested with different materials.

7. Sink or Float Detective Case

Investigate which classroom objects sink or float in water.

8. Color Mixing Mystery

Investigate what happens when different colors are combined.

9. The Great Paper Towel Investigation

Investigate which type of paper towel absorbs the most water.

10. CSI: Fastest Vehicle

Investigate which type of classroom vehicle or ramp setup allows an object to travel the farthest or fastest.

SUBMISSION REQUIREMENT

Teachers must submit their **class topic choice by email on or before September 16, 2026.**

Please email your topic choice to:

Administration, Mrs. Simon-Steam Coordinator, Mrs. Hester-Lockett- C&I Science Specialist

Assignment #1

PROJECT PLANNING FORM

Due Tuesday, September 22, 2026

Hypothesis - What you think the answer to the question is going to be. This should be written as an **IF, THEN** statement.

Example hypothesis - If (tell what the question is) _____, then (tell what you think the outcome will be)_____.

If I increase the temperature of the water, then more salt will dissolve.

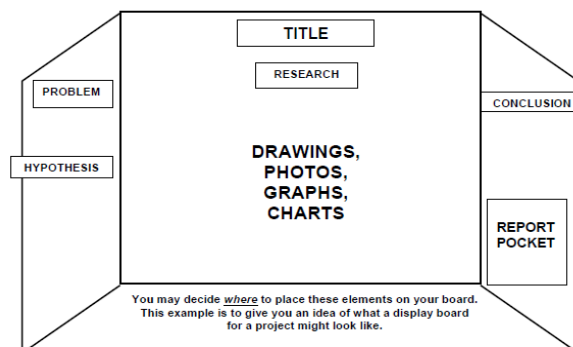
My hypothesis - If _____, then_____.

The variable - This is what you are changing in the investigation. You may have only **one variable** (Examples - different amounts of water, different size of container, or different beginning mass).

My variable - _____

Constants - These are factors that must all be the same for a fair test. (Examples-amount of water, same-size container, same beginning mass, etc.)

My Constants - _____



Assignment #2

PROCEDURE

These are the step-by-step directions for your investigation. Use the space below to list the procedures or directions you will need to follow. Make sure that you and someone else can follow your directions exactly to repeat your investigation.



Due: Tuesday, October 06, 2026

ASSIGNMENT #2

MATERIALS NEEDED FOR INVESTIGATION



Due: Tuesday, October 06, 2026

Assignment #3

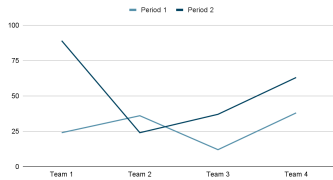
DATA

Trial Number			
#1			
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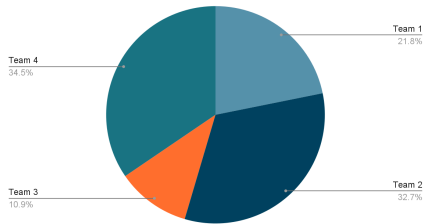
Due: Tuesday, October 27, 2026

Graph Your Data

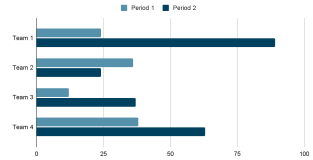
Points scored



Points scored



Points scored



You may do a bar graph, line graph, or circle graph to show your data. You may use a chart like this to help with your graph, or you may do your graph on the computer.

Title

Blank area for graphing data.

Due: Tuesday, October 27, 2026

Assignment #4

WHAT DID I FIND OUT?

RESULTS - This is your answer to your original question. What did you find out in your investigation?

CONCLUSION - Think about what your results mean (Restate your hypothesis).

REAL WORLD APPLICATION - How can this be applied in the real world?



Due: Tuesday, October 27, 2026