Student's Name: _____

2026-2027

Science Fair Information Packet

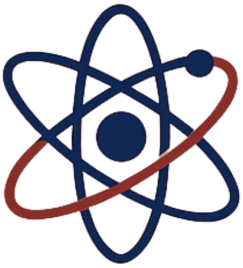
2nd- 3rd Grades

Rhodes School for the Performing Arts

September 2, 2026

Dear RSPA Parents and Students,

Welcome to the Science Fair! In addition to learning how to think critically and developing positive attitudes about themselves and their work, students gain the following benefits from participating in the science fair:



- Reinforcement of grade-level science, literacy, and math skills
- Fostering curiosity, awareness, and creativity
- Increased scientific knowledge
- Learning research techniques
- Growth in the ability to work independently
- Having fun with science!

Science Fair projects are produced at home, and while parental support is essential, the following guidelines should be used when considering how much help to provide students.

- 2nd and 3rd graders should be able to do at least 50% of the project alone.
- 4th - 8th graders should be doing almost the entire science project by themselves.

There are two links on the school website. Please ensure you choose the correct grade level for your scholar (rhodesschool.org) for Science Fair packets this year. The packet will be a guide to help your student prepare a project and exhibit for the school Science Fair.

The packet includes:

- Types of Science Projects: You may use one of these ideas or choose one of your own
- Schedule of Assignments (MUST be turned in on time, as these are steps to ensure the work is being done with fidelity)
- Project Ideas (only a guide)
- Definitions & Science Fair Idea

- Oral Presentation Rules (each student will present during class)
- Assignment forms, Resource pages, & Rubric

The first step is to help your child decide what science project he/she wants to do. Please review this packet carefully with your child, then choose a project your child is interested in and that you deem appropriate for his/her grade and ability level. Need ideas or help? The packet lists several ideas and suggestions, and you may also contact your child's Science teacher with questions or help with project ideas.

Student's Name: _____

My chosen topic in question form:

_____

_____

_____

CHOOSING YOUR TOPIC

Student's Name: _____

Teacher's Approval:_____

Due: Tuesday, September 16, 2026

Possible testable questions:

Student's Name: _____

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.

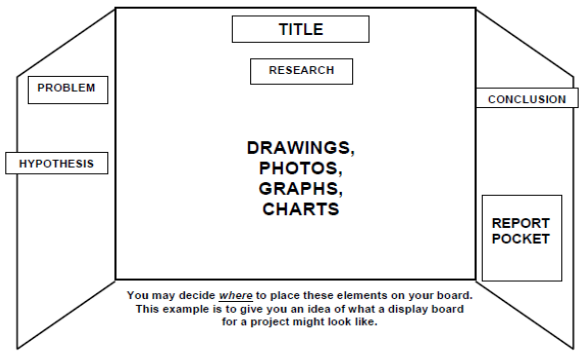
My hypothesis - If _____ _____, then_____.

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 -_____



Student's Name: _____

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

Student's Name: _____

ASSIGNMENT #2

MATERIALS NEEDED FOR INVESTIGATION

_____

_____

_____

_____

_____

_____

Due: Tuesday, October 06, 2026

Student's Name: _____

Assignment #3

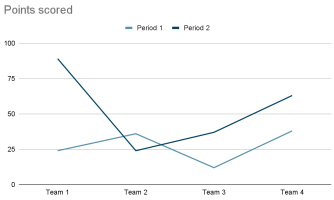
DATA

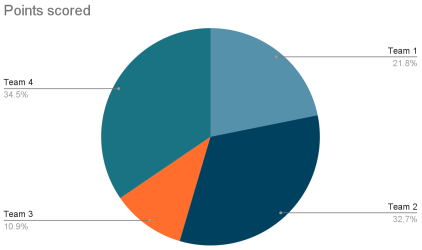
Trial Number			
#1			
#2			
#3			
#4			
#5			
#6			
#7			
#8			
#9			
#10			

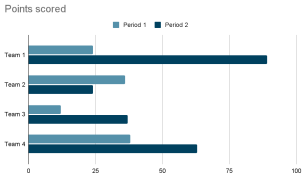
Due: Tuesday, October 27, 2026

Student's Name: _____

Graph Your Data







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

Student's Name: _____

Due: Tuesday, October 27, 2026

Technology Integration: Show Your Science in Action!

Technology can be a powerful tool for helping you **document, explain, and showcase your Science Fair investigation!** As a **Curious Scientist Investigator**, you are encouraged to think creatively about how technology can make your project more engaging and help judges see your scientific process.

📱 Document Your Investigation

Throughout your project, consider using technology to capture your work. You may:

- 📸 Take **photographs** of your experiment, materials, observations, and results.
- 🎥 Record **short video clips** showing your experiment or investigation in action.
- 🎙️ Record a **short explanation** of your hypothesis, procedure, findings, or conclusion.
- 📊 Create **digital graphs, charts, or data displays** to represent your results.
- 💻 Create a **digital presentation or visual** to enhance your project.
- 🔗 Create a **QR code** that judges can scan to view your videos, photographs, digital presentations, or other approved project content.

Think Like an Innovator!

Judges want to see **innovation, creativity, and scientific thinking**. Technology should not replace your investigation—it should **enhance and document your scientific process**.

Think about how you can use technology to answer:

"How can I use technology to help others SEE my science?"

Your QR code could lead judges to a short video of your experiment, a photo timeline showing your investigation from beginning to end, or a digital presentation explaining what you discovered.

Remember: Your project should clearly demonstrate that **YOU conducted the investigation and understand your science.** Technology is a tool to help you communicate your work in an innovative way.

CSI Challenge

Curious Scientists Investigate... AND INNOVATE!

Student's Name: _____

Don't just tell the judges what you did—**SHOW THEM!** Use technology creatively to bring your investigation to life and give judges a closer look at your scientific journey.

Student's Name: _____

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?

- _____
- _____
- _____

_____

_____

_____

Student's Name: _____

Due: Tuesday, October 27, 2026