



Rhodes School

for the Performing Arts

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for the Performing Arts

CSI:

CURIOUS SCIENTISTS INVESTIGATE

SCIENCE FAIR

2026

EVIDENCE

SCIENCE

1

Observe.
Question.
Investigate.
Discover.

EVIDENCE

- SOLVING MYSTERIES -
★ THROUGH SCIENCE ★

2026-2027
Science Fair Forms Packet
4th - 8th Grades

These forms include checklists and assignment forms to be turned in to Science teachers for a grade. You may handwrite or type this information if you are unable to print these forms.

Assignment #1

Problem Statement

Select a topic that can be answered only by experimenting.
Write your topic as a question to be investigated.

Example: "Which brand of paper towels is the most absorbent?"

Student Name:

Teacher Name:

My Problem/Statement

Return this form to teacher by Tuesday, September 22, 2026

Assignment #1

Hypothesis

A hypothesis states what you think is going to happen when you investigate a question.

Example: "If Brawny, Viva, and Bounty paper towels are tested for their absorbency, then Bounty paper towels will be the most absorbent."

Return this form to teacher by Tuesday, September 22, 2026

Assignment #2

Materials

List all the materials used in your investigation. Include specific details such as size and quantity. Remember to use only metric units.

Good Examples:

1. 3 – 15x15 cm. sheets of each paper Towel: Brawny, Viva, and Bounty.
2. 1 20x20 cm. square cake pan
3. 750 ml water, 20° Celsius
4. Celsius thermometer
5. Clock with a second hand

Poor Example:

1. Paper Towels
2. Measuring Cup
3. Water Container
4. Thermometer
5. Clock

My Materials:

Return this form to teacher by Tuesday, October 06, 2026

Assignment #2

Procedures

List your step-by-step directions like a recipe. Anyone who reads them should be able to duplicate your investigation. **DO NOT** write what you did (avoid words such as “I” and “me”).

Example:

1. Cut 3 – 15x15 cm. Sq. from each brand of paper towels.
2. Label each cut piece with a brand name.
3. Pour 50 ml. of 20° Celsius water into 20x20 cm. sq. pan.
4. Place 1 square of generic brand paper towel into the water and pan.
5. Leave for 30 seconds.
6. Remove paper towel.
7. Measure water remaining in pan and record.
8. Dry the cake pan.
9. Repeat steps 4 through 8 for each brand of paper towel.
10. Repeat entire process twice more for each brand of paper towel.

My Procedures:

(use extra paper if needed)

****Return this form to your teacher by Tuesday, October 6, 2026****

Assignment #3

Data

Data refers to information gathered during your investigation. Writing in a spiral notebook is the most convenient way to keep a log.

***Your log should include:**

1. A list of all materials you use.
2. Notes on the preparations you made prior to starting your investigation.
3. Information about the resources you use (books, people, library, museum, universities, etc.)
5. Detailed day-by-day notes on the progress of your project.
 - a. What you are actually doing
 - a. Problems you have with your investigation
 - b. Things you would change if you were doing this investigation again. Any drawings that you feel might help explain your work.
6. Data that you gather from your investigation (notes, table, charts, graphs). Be sure that you date each entry in your log.

Return this form to your teacher by Tuesday, October 27, 2026

Assignment #3 Continued

Results

Write the results of the experiment based on the information you have observed.

Example: A sheet of Viva paper towel absorbed an average of 50 ml of water. A sheet of Suave paper towel absorbed an average of 36 ml of water.

Conclusion

Before you write your conclusion, carefully examine all your data (graphs, charts, tables).

Ask yourself these questions:

1. Did you get the results you expected to get? If not, how were the results different?
2. Were there any unexpected problems or occurrences that may have affected the results of your investigation?
3. Do you think you collected sufficient data? (Were there enough trials? Samples?)
4. Do I need to revise my original hypothesis? (If you write a revised hypothesis, **DO NOT** use it to replace your original hypothesis for this project!)

Your conclusion should include:

1. Statement of support or non-support of the original hypothesis.
2. Description of any problems or unusual events that occurred during your investigation.
3. What you would do differently next time.
4. Revised hypothesis (if data did not support original hypothesis).

Return this form to your teacher by Tuesday, October 27, 2026

My Results

My Conclusion

Return this form to your teacher by Tuesday, October 27, 2026

Assignment #4

Written Report

This includes the topic, hypothesis, data, results, and Conclusion

My Written Report

My Written Report (*Continued*)

Return this form to your teacher by Tuesday, October 27, 2026

Research/Resources

**See Resource Pages **

Once you have chosen your topic, it is important to research the written materials on your subject. By finding out as much information about the subject, you will gain a better understanding of your problem.

4th - 6th grade students need at least 4 sources; .

7th - 8th grade students need at least 5 sources.

1. Read books, websites, and articles on your subject. Make sure this information is up to date (not older than 5-10 years).
2. Interview and talk with people who are knowledgeable about your subject.

***This section is not included on your Display Board.**

Bibliography

Make a list of all the books, magazines, internet articles, interviews, or other sources that were used. *Write our bibliography using the following format:

Books

Format:

Author's last name, first name. *Book title*. Additional information. City of publication: Publishing company, publication date.

Example:

Allen, Thomas B. *Vanishing Wildlife of North America*. Washington, D.C.: National Geographic Society, 1974.

Website or Webpage

Format:

Author's last name, first name (if available). "Title of work within a project or database." *Title of site, project, or database*. Editor (if available). Electronic publication information (Date of publication or of the latest update, and name of any sponsoring institution or organization). Date of access and <full URL>.

Note: If you cannot find some of this information, cite what is available.

Examples:

Devitt, Terry. "Lightning injures four at music festival." *The Why? Files*. 2 Aug. 2001. 23 Jan. 2002 <<http://whyfiles.org/137lightning/index.html>>.

Return the following Resource pages to your teacher by Tuesday, October 27, 2026

Assignment #4 Continued

Resource Pages

Resource #1

4th - 6th grade students need at least 4 sources.

7th - 8th grade students need at least 5 sources.

Resource:

Type of Resource:

Website: <http://>

Author:

Title:

Publishing Company:

Location of the Publishing Company:

Date of Publication:

Information found in your own words:

(Must be at least one paragraph summary.)

Resource Pages

Resource #2

4th - 6th grade students need at least 4 sources.

7th - 8th grade students need at least 5 sources.

Resource:

Type of Resource:

Website: <http://>

Author:

Title:

Publishing Company:

Location of the Publishing Company:

Date of Publication:

Information found in your own words:

(Must be at least one paragraph summary.)

Resource Pages

Resource #3

4th - 6th grade students need at least 4 sources.

7th - 8th grade students need at least 5 sources.

Resource:

Type of Resource:

Website: <http://>

Author:

Title:

Publishing Company:

Location of the Publishing Company:

Date of Publication:

Information found in your own words:

(Must be at least one paragraph summary.)

Resource Pages

Resource #4

4th - 6th grade students need at least 4 sources.

7th - 8th grade students need at least 5 sources.

Resource:

Type of Resource:

Website: <http://>

Author:

Title:

Publishing Company:

Location of the Publishing Company:

Date of Publication:

Information found in your own words:

(Must be at least one paragraph summary.)

Resource Pages

Resource #5

4th - 6th grade students need at least 4 sources.

7th - 8th grade students need at least 5 sources.

Resource:

Type of Resource:

Website: <http://>

Author:

Title:

Publishing Company:

Location of the Publishing Company:

Date of Publication:

Information found in your own words:

(Must be at least one paragraph summary.)

