

Leawood Elementary ~ SCIENCE FAIR

Thursday, April 20th, 2023

*Students will present projects to the judges (AP Physics students from Columbine High School) in the morning.
Community viewing is at 6 pm and the Awards Ceremony will be at 6:30 pm in the gym.*

It is time to start planning your Science Fair projects! This is a chance for students to find some question about science that they are curious about and use the scientific method to answer their question. Students are required to assemble a display explaining what was learned and how they went about solving their question with the scientific method.

All students, pre-K - 5 are encouraged to participate. 5th graders are required to enter and will receive more specific instructions from their teachers. Students may have an individual project or work with a classmate or sibling. Please keep in mind that when students in different grades work together, they will be judged against the higher grade criteria. All projects must be completed by the students. Parent help may be needed for younger students, but the student should be able to understand and explain their project.

The Day of the Science Fair

- You may drop off your project starting at 8:50 am. You will have about 3 feet of space for your display.
- When you drop off your project, we will tell you what time you will present to the judges. You will be escorted from class at your assigned time.
- Please remember that participants cannot hand out candy, gum, food or “prizes”.
- You will have up to 10 minutes to tell the judges about your project. You do not have to talk the entire time but it is okay if you do.
- Be sure you can explain what you have accomplished and what you have learned from your project. Here are examples of what you might be asked by the judges:
 - What is your question/hypothesis?
 - Explain your experiment
 - What were your data/observations?
 - What is your conclusion? Was your hypothesis correct?

Please see the rubric that will be used to judge your project on the back of this note.

The ENTRY FORM is attached to this page and must be returned to your teacher by **Friday, April 7th**. *PLEASE NOTE: Even though this is a required project for 5th graders, an entry form MUST be turned in by any 5th grader wanting their project to be judged and to qualify for an award.*

If your student needs to make changes or if you have questions please contact Kelly Rodak at kelly.rodak@jeffco.k12.co.us

Need ideas for a Science Fair Project? Check out the **Topic Selection Wizard** at Sciencebuddies.org!

Leawood Science Fair 2023 – Judges Rubric

Name:	Grade:	Project #
Name:	Grade:	Location:
Title:		Time:

Creativity (20 points)

Is the project original?	1	2	3	4	5
Is the display attractively designed?	1	2	3	4	5
Are the materials presented creatively?	1	2	3	4	5
Is the information and pictures/diagrams provided relative to the experiment?	1	2	3	4	5

Scientific Method (35 points)

Is the experiment designed to answer a question?	1	2	3	4	5
Have appropriate resources/experts been cited?	1	2	3	4	5
Has a clear hypothesis been made?	1	2	3	4	5
Is the procedure/method clearly explained?	1	2	3	4	5
Is the data collected relevant to the question?	1	2	3	4	5
Did the student draw the appropriate conclusion from the data collected?	1	2	3	4	5

Thoroughness and Clarity (20 points)

Is the project complete?	1	2	3	4	5
Does the project represent a sufficient amount of time spent experimenting/researching and answering the question?	1	2	3	4	5
Is the data clearly presented?	1	2	3	4	5
Is the information, including the conclusion, clear and straightforward?	1	2	3	4	5
Are pictures, drawings and diagrams labeled and neat?	1	2	3	4	5

Presentation to Judges (25 points)

Can the student verbalize how the data led to their conclusion?	5	10	15	20	25
Total				100	

Leawood Elementary School Science Fair

ENTRY FORM

Due Friday, April 7th ~ Please turn in to your teacher

Student Name: _____ Grade: _____ Teacher: _____

Partner Name: _____ Grade: _____ Teacher: _____

***Please note that any partner projects will be judged with the same grade level as the oldest student in the partnership.

Title of project: _____

Question/Problem your project will address: _____

Description of the project: _____

What items will you use in your display in addition to a project board? _____

DISPLAYS MAY NOT CONTAIN DRY ICE, OPEN FLAMES, or LIVE ANIMALS!

Will your **display** require an electrical outlet? **YES** **NO**

Will your **display** have liquids, dyes or wet paint? **YES** **NO**

(in other words, is there any reason your display CANNOT be presented on carpeted flooring?)

Parent name: _____

Parent email (so we can send important information if needed): _____