

CCISD 4th Grade and 5th Grade Science Fair Project Commitment Form

Clear Creek ISD Campus _____ Date _____

Dear Family of _____,

This letter is to help you and your child with Science Fair. Projects are due on _____. He/She has already been instructed as to the details needed for this assignment.

Parents may answer questions for the student or give assistance with materials, but this project is to be completed by the student.

Enclosed in this packet are the timeline and forms that your child will use throughout this project.

Please sign and return this portion:

I have read the attached information concerning the Science Fair project which is due on _____.

My child _____ and I understand that all projects include:

- an independent investigation**
- a Powerpoint presentation**
- a Science Project Notebook**
- a one-page research report**

This letter is a commitment to conduct a Science Fair Project, to follow the scheduled timeline, and complete each section by the due date.

Parent Signature: _____ Date: _____

Student Signature: _____ Date: _____

Science Project Timeline

	TASK	Date Due (completed by) Date	Student Initials (completed)
1.	Return Science Fair Packet Form signed and dated by Student & Parent		
2.	Select a Topic		
3.	Science Project Proposal Form		
4.	Project Record Form		
5.	Project Powerpoint presentation Plan		
6.	Completed Powerpoint presentation, Science Project Notebook & Research Report	The BIG Day! ☺	
7.	Present Project orally to class		
8.	*Science Fair Judging		
9.	*Public Viewing		
10.	*Announcement of Judging Results		

*** Please note the date of these events on your campus.**

Science Project Checklist

- 1. Choose a topic that is interesting to you.**
- 2. Write a question that you can investigate by yourself. This might include a problem that you are trying to solve.**
- 3. Begin a journal to write down everything that you do, observe, and think during your investigation.**
- 4. Research your topic using books, encyclopedias, magazines, technology, and information from professional people (doctors, nurses, engineers, researchers, teachers, veterinarians, and librarians).**
- 5. Form a hypothesis about what you think the answer to your question will be. Stick with your original hypothesis. Remember: The results of your experiment may or may not match your original hypothesis. The important thing to keep in mind is that you are learning by following a scientific process. Begin your hypothesis "If.....then....."**
- 6. List all of the materials you will need for your investigation.**
- 7. Plan a procedure to test your hypothesis. Write step-by-step directions that explain what you will do and how you will do it. **Make sure you follow CCISD Science Fair guidelines and Safety Rules.**
- 8. Do your experiment. Record all findings as you go through the process. You must repeat your experiment at least three times in order to get accurate results.**
- 9. You may use charts, tables, graphs, and photographs to help you collect and organize the data.**
- 10. Write a conclusion stating whether or not your hypothesis was supported or unsupported by your experiment. If your hypothesis**

did not match your final results, describe what actually happened. Develop detailed written information to explain your results.

11. Prepare your Powerpoint presentation, using charts, graphs, photos, illustrations, and models.

12. Prepare an oral presentation to explain your investigation to others.

DUE: _____

Name: _____ **Date:** _____

Question/Problem:

What is the scientific question you are trying to answer?

Hypothesis:

Make a prediction regarding the outcome of your experiment.

State the results you are predicting in measurable terms.

Explain how you will test your hypothesis. (What will you actually be doing in your experiment?)

Name: _____

Date: _____

Title of Experiment: _____

Problem/Question: What idea are you trying to test? What is the scientific question you are trying to answer?

Hypothesis: Make a prediction regarding the outcome of your experiment. State the results you are predicting in measureable terms.

Materials List: List all materials and equipment that were used. This list of materials should include all of the ingredients of the procedural recipe.

Materials needed:

Procedure Steps: Your procedure should be like a recipe – another person should be able to perform your experiment following your

to ask? If you repeated this project in the future, what would you do to improve or change it?

You must keep a Science Project Notebook to document everything that you do for this project. You are required to keep all notes in this Notebook! Ideally, someone should be able to learn everything there is to know about your project, from beginning to end, just by reading the notebook. Entries may happen several times in one day. Most entries are handwritten, but a computer may be used to make charts, tables, and graphs. You may cut and paste these items into your notebook. Leave any mistakes in your Science Project Notebook. Rather than tearing out the page, draw a line through your mistake and then continue on with your work. The judges will notice that you corrected yourself, which indicates that you learned something new!

Your Science Project Notebook should include:

- Name**
- Title Page**
- Introduction (background information, why you chose this project, where you got the idea, etc...)**
- Problem/Question (what you are testing)**
- Hypothesis (prediction of what you think will happen)**
- List of materials used in the investigation (experiment)**
- Procedure (step-by-step directions of how to do the experiment)**
- Daily Log (dated journal entries) with notes on the progress of your project – what you're doing, problems you have, things you'd change if you were doing this investigation again, and to share your thinking.**
- Research notes (books you used, internet sites, people you interviewed, notes)**
- Variable and control**
- Data/Results: Tables, charts, graphs, and pictures (Each well-labeled)**
- Conclusion: What you learned from the experiment, whether the hypothesis was supported by your investigation, possible sources of error, what could be done better if you were redoing the experiment, areas for future investigation, and real-world uses of your findings.**

Science Fair Project Research

The purpose of project research is to further your knowledge and deepen your understanding of this topic. It is *not* a report on your project but an extension of your learning.

Your research paper should be:

- **1 page either typed or hand-written**
- **written in your own words**
- **cite at least 2 sources of information (ccisd.net library web resources contains citing information)**

This Research Report will be turned in with your Powerpoint presentation and your Science Fair Notebook.