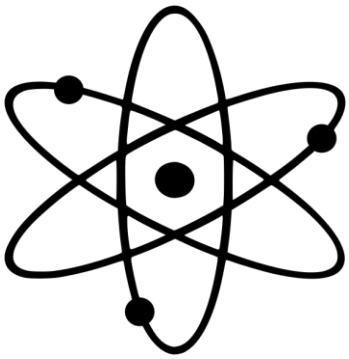
Science Project Proposal



Project title_____

Question/problem_____

_____

Hypothesis_____

_____

Materials Needed

_____

_____

_____

_____

_____

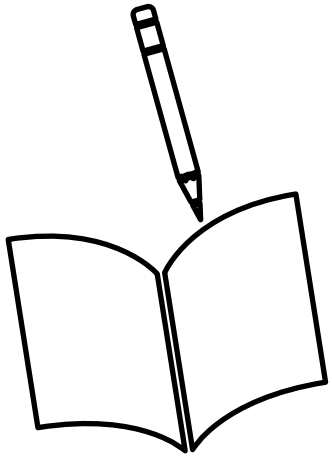
Important things to remember…

- ✓ Do your best work! This project is for a grade and something you should be proud of.
- ✓ Use the Scientific Method
- ✓ Science is supposed to be fun; pick a topic you are interested in!
- ✓ Measurements must be done using the metric system.
- ✓ Make sure to be asking the "What" and "When" questions.
- ✓ Take pictures of your work to display during your presentation.
- ✓ Write in your Scientist Journal every day!
- ✓ A tri-fold board is needed for project display.
- ✓ Do research on your topic. The best scientists learn from other scientists!(Do not use Wikipedia)

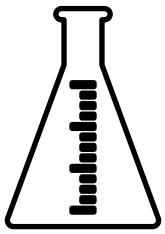
Project report

For your science project you will need to write a report on your experience. This report should include:

- Question being asked
- Hypothesis
- Materials used
- Observations (five senses)
- Procedures
- Research found on topic
- Conclusion of project
- Graph or chart your data



It should also have a title, be in paragraph form, and have correct punctuation/grammar. You will also need to complete a summary of your report. This is also called an abstract. Remember that a summary just gives an outline of your report. This is so judges and other people can read about your project without having to read your whole report. Lastly, you must have a work cited page or a list of resources where you found information on your topic.



Dear Fourth Grade Families,

Every year the fourth grade class participates in the science fair during Catholic Schools Week. This is an exciting time for the students, as well as for me! The final project is graded as two (2) chapter test. Your child will be presenting their project individually to the judges during the fair. They must be able to explain their project for about 3-5 minutes.

The students are to use the Scientific Method to complete the project. This process guides you in what steps to take. The most difficult part of the project is picking a subject. **The topic is to be a question that can be answered(which is the second step to the Scientific Method).** Listed are some examples.

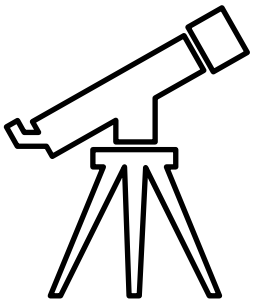
- Which soil makes the seeds grow faster?
- Does the type of water affect the growth of plants?
- On which foods does fungus grow best?

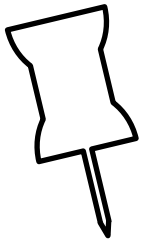
https://sciencebob.com/science-fair-ideas/ideas/ and www.sciencebuddies.org are great websites for project ideas!

Each student must do research on their project. This shows that they comprehend, what is happening, and why. They must have researched based facts throughout their report. **Please do not use Wikipedia, it is not a credible source and will not be accepted.**

Although the work is to be done at home, I am always here to guide and answer questions. The students are responsible for a report, journal, project board, and turning in the all the parts to the project on the appropriate due dates. Attached is an outline of due dates for each part of the project.

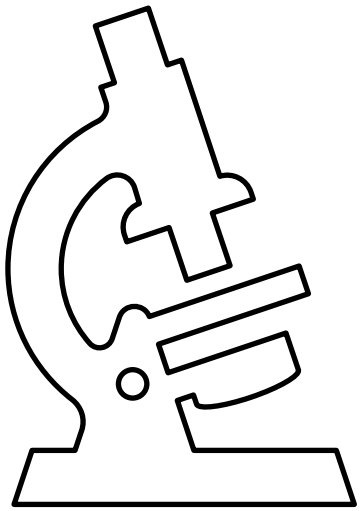
Happy Exploring!





Due Dates

- September 7th, 2017 — Introduction of science fair project
- September 15th , 2017 — Science Project proposal sheet
- December 15th , 2017 — Check-in with Journals for each student
- January 22nd-25th, 2018 — practice for Science fair
- January 26th ,2018 — Science fair Day!



Scientist Journal

In Science recording information and data is very important. The information must be accurate and recorded every day. For your project you must keep a record of what happens during your experiment. This will keep all of your data organized and neat. This journal will be the key to writing your report. All information needed to write your report will be in this journal. Each entry should include: the date and time of entries, measurements and observations, and notes and comments. I will be checking the students' journals prior to the fair.

Project display board.

Your project will need to be presented using a tri-fold board. It will need to have the following information on it:

- Question being asked
- Procedure
- Conclusion
- Pictures of project throughout the process
- Research
- Either a graph or chart with data

The display board should be neat and colorful. This will attract the judge's attention. It will also serve as an aid during your presentation. Please be sure to get a large enough board for all your information.

Science Project Checklist

___turned in Science proposal sheet.

___ Got project approved by Miss DeBlasis.

___ Made a step by step plan for my project.

___ Began my Scientist Journal and project.

___ Did research on my topic.

___ Recorded data using metric measurements.

___ took pictures throughout my experiment.

___Made a graph either or the computer or hand drawn.

___ completed final draft/summary/ sources page.

___ Made a project display board with a title in a form of a question.

___Have practiced my presentation and am ready to present.

You did it! Congratulations!