

SCIENCE FAIR RUBRIC - 2017

& Important Dates

This is the same for 7th, and 8th graders.

DATES:

DUE – 1/22/2018

St. Mary School Science Fair – Sunday, January 28, 2018.

RUBRIC(S):

You have been asked to design and conduct an independent/partner science experiment. You must select from the following:

___ (5pts) Your project must be from one of the following categories:

1. Behavioral and Social Sciences
2. Biological Sciences
3. Math and Computer Sciences
4. Physical Sciences
5. Engineering and Computer Applications
6. Environmental Sciences

___ (5pts) The project must conform to “Project Construction and Safety Considerations” as outlined by the Diocese. Please see attached form. Be aware, clearly stated on this form, “Neither the student’s name nor the student’s school should appear anywhere on the project.” For my grading purposes your CLASS NUMBER only should be posted on the back of your project.

___ (15pts) Type answers to the following questions (12 size, Times New Roman, double space). Due the same day as the project - 1/22/2016:

1. Why did you choose your topic?
2. Explain your project and tell me about it?
3. What was your hypothesis?
4. Did you accept or refute it by the end?

See attached, “Interview Question Rubric.” You are putting this information into a typed summary.

___ (50pts) See attached rubric for “Diocese of Oakland Middle School Science Fair Judging Rubric.” Your project will be graded the same way.

You need to make sure you are conducting an experiment. You may not turn in a model, collection, or report only. You must have the project question approved by Mr. Chin before you begin.

You need to utilize the steps of the scientific method: question, background information, hypothesis, materials, methods/procedures, data, conclusion and discussion. Your final write up will need to be in the proper format and order on your project displayed with neatness. Below are some reminders of what needs to be included in your project.

- **All presented materials are typed. On your project you may choose, font, style, coloring, etc.**
- **Your hypothesis needs to be written in the If...then format**
- **You must tell where your background information came from**
- **You will need to be sure that you are changing one variable in your experiment**
- **You will need to have a control (where nothing is changed)**
- **You must also repeat the experiment a minimum of THREE times**
- **You will need to have detailed numbered procedures**
- **You will need to use correct scientific units**
- **You will need to have charts and graphs to show results**
- **You cannot bring in the experiment with animals and plants. You will need to use drawings or photos to show experiment set up and visual results.**

___ (5pts) Turn in all rubrics with your summary – three in total.

- 1. This one**
- 2. “Interview Question Rubric”**
- 3. “Diocese of Oakland Middle School Science Fair Judging Rubric”**

This project is worth 80 total points for 7th and 8th.

Following are dates you need to put in your planner.

Two days of class time given for research – this is different for 7th and 8th – dates TBA.

___ (10pts) Date: November 16th 2018 – attach to an email after two days of class research a word document (half page) explaining your ideas for your project. I will

approve or not approve your idea and email you back. We can save a lot of paper by doing this electronically. Once I approve a project, you are locked in unless other arrangements are made.

Use the same typing instructions as above

___ (10pts) December 14th , 2018 – half page typed progress report of your project.

Use the same typing instructions as above

___ (10pts) January 11th , 2018 – half page typed progress report of your project.

Use the same typing instructions as above

Note – all forms are on the class website under the science fair tab