

St. Hilary Science Fair 2017

The 7th and 8th grade students will complete a Science Fair project this year as part of their Science curriculum. St. Hilary feeds into the Western Reserve District 5 Science Day which is one of the 15 District Science Fairs held each spring under the Ohio Junior Academy of Science. This year's WRD5 Science Fair is scheduled for March 18, 2017, but registration takes place 5-6 weeks ahead of that. In light of those deadlines, our school Science Fair will take place the first week of February.

We will begin working on ideas and research in class in October and plan to have the actual experiments completed before Thanksgiving break. There is absolutely no need to do anything this summer other than throw some ideas around, however, if your child is so inclined, here is some information to help guide them.

1. First and foremost, get a bound research notebook similar to the composition notebook that I showed you in class. You are required to keep a dated record of your project from the beginning of gathering ideas and references to records of experimental setups, observations, data, measurements, calculations, and results. Look at this website to see what makes a great lab notebook (you will need to create a free account):

www.sciencebuddies.org/mentoring/project-laboratory-notebook.pdf

2. Think of a great question or project and email Mrs. Durkin at cdurkin@st-hilary.org for approval before getting started.
3. These are the categories for entry so be sure your project will fit into one of these categories:

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| <input type="checkbox"/> Behavioral and Social Sciences | <input type="checkbox"/> Environmental Sciences |
| <input type="checkbox"/> Biochemistry | <input type="checkbox"/> Mathematics |
| <input type="checkbox"/> Botany | <input type="checkbox"/> Medicine |
| <input type="checkbox"/> Chemistry | <input type="checkbox"/> Microbiology |
| <input type="checkbox"/> Computers | <input type="checkbox"/> Physics |
| <input type="checkbox"/> Earth and Space Sciences | <input type="checkbox"/> Zoology |
| <input type="checkbox"/> Engineering | |

4. You may only do the research and the actual experiment this summer. All the scientific writing such as the abstract, procedures, and research paper

will be a part of your English class in 2nd quarter. The display board has very specific guidelines and will be done in class in January.

5. Here are some other websites you may want to look at:

- Ohio Academy of Science www.ohiosci.org
- District 5 Science Day www.uakron.edu/wrsd/
- Steve Spangler Science

<https://www.stevespanglerscience.com/search/experiment?q=science+fair>