

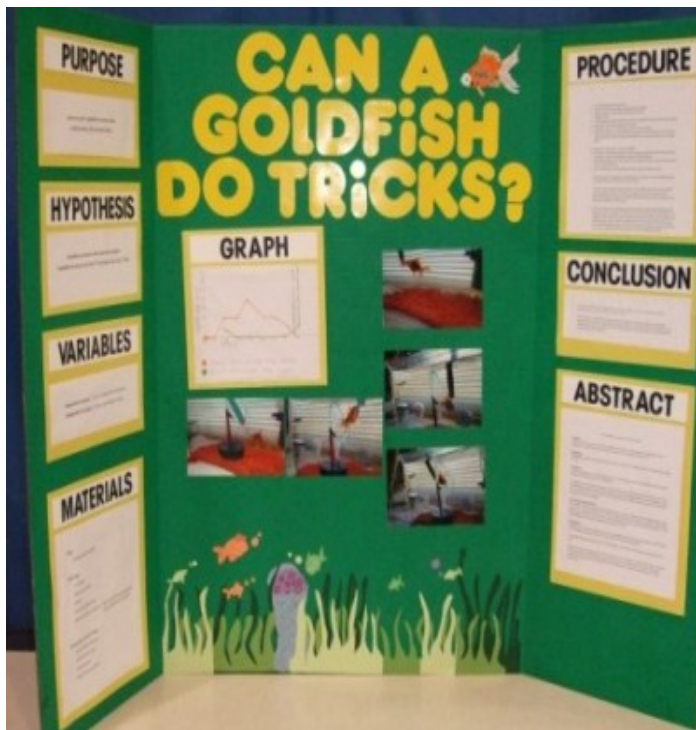
Dear Parents/Guardians,

All 3rd, 4th, and 5th grade students will be completing a Science project. This is a mandatory assignment. It will be a graded project and will be a Science grade on their report card. Support to complete this project will be given during their STEAM classes over a five-week time span. The experiment itself or creation of a diagram, diorama, or model needs to be done at home.

The attached calendar will explain in further detail what will be done in school and what your child is responsible for at home. Each student has a month to conduct an experiment or research a topic. It is suggested to take pictures along the way or have visual aids to support a presentation board. Trifold poster boards have been purchased in bulk and will cost \$1 if your child would like to buy one at school; or you may purchase a board and supplies on your own if you wish. Mrs. Oliver will be keeping track of the topic your child chooses. This is to discourage repeat projects and allow students to have original ideas.

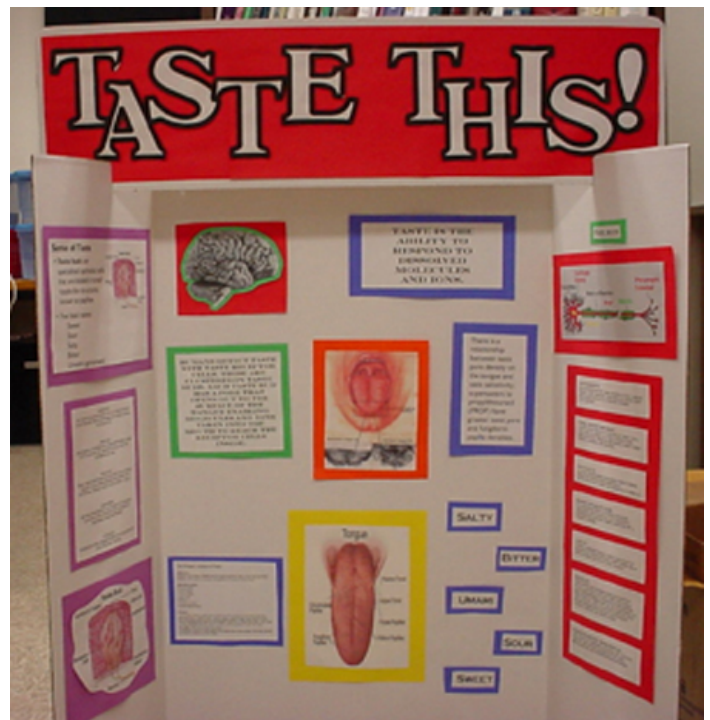
There are two types of projects:

Conducting an Experiment



Titles may include: Purpose, Hypothesis, Materials, Procedure, Data, Results, Conclusion, Next Time

Explaining the how or why behind a Science Topic



Titles may include: Who, What, When, Where, Why, How, Background Info

Presentation board and projects will be due in April

K, 1st, and 2nd – April 9th

3rd grade- April 10th

4th grade- April 11th

5th grade- April 12th

Any fragile or oversized projects can be brought to Level Green after school hours

April 12th from 6:00-7:00pm.

Please keep in mind that the work should be done primarily by the student. There are exceptions to this such as using a chemical, heat source, or tools that require adult help.

The graded rubric is as followed:

Project reflects CHILD'S curiosity, investigation, and participation	5	4	3	2	1		
Clear hypothesis or research topic	5	4	3	2	1		
Procedure is listed or detailed explanation	5	4	3	2	1		
Project includes visual aids; pictures, diagrams, models, etc	5	4	3	2	1		
Presentation includes 6 complete sections	5	4	3	2	1		
Overall presentation is organized, creative, error free	5	4	3	2	1		
							Total points: _____

Any late assignments will be deducted 2 points per day.

Level Green finds it valuable to extend our STEAM classes to participation in the Science Fair. The students have the opportunity to apply what they have been practicing and learning. Completing a project is required for 3-5th grade. **The Science Fair Night is an optional event.** Students that attend the night of the Science Fair will be given **5 bonus points!** Entering a project in the fair is encouraged but optional for grades K-2.

SCIENCE FAIR April 25th from 6:00-8:00pm

Thank you for supporting our STEAM initiative here at Level Green.
Any questions or concerns please contact:

STEAM teacher-

Mrs. Oliver

olivers@penntrafford.org