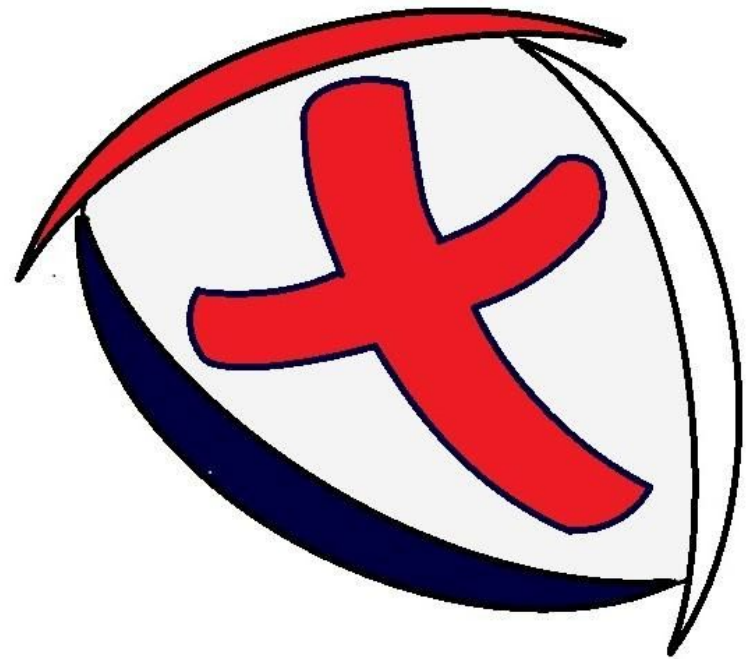


# **Georgetown Homeschool Group**

## **2017 Expo**

### **Science**



## **Science Competition**

### **Rules for Science Competition:**

- Experiments are investigations that test a hypothesis.
- Experiments will set out to solve a question by testing several times or in different ways. (Per Scientific Method)
- Experiment results will need to be displayed. (i.e. poster board, tri-fold backboard, etc.)

- Are new relationships, ideas or additional investigations presented?
- Visual Display
  - Is the project constructed, displayed and organized well?
- Oral Presentation
- Interview

Participants will be judged by the following guidelines:

- Problem
  - Is the problem new or different, and how well is it written?
- Hypothesis
  - To what degree can this prediction be tested?
- Experimental Design
  - Is the plan developed to validate the hypothesis?
- Variables
  - Are the variables identified and controlled?
- Materials /Equipment
  - Were they utilized in appropriate or new ways?
- Data Collection, Presentation and Analysis
  - Is the method, number of trials, and quantity of data appropriate?
  - Do the graphs, tables, logs and visual aids present the data?
  - Have the possible errors been analyzed?
- Outcomes
  - How important are the findings?
- Applications