**Mission:** Create a project that meets the qualifications to be entered in the Academy of Science - St. Louis Science Fair. The project must solve a problem with an original engineering solution or improve a current device or product.

**7th Grade Challenge Science Project**

**Final Due Date: February 3, 2013**

**Part I – Project with Display Board 100 points**

Use the rubric from the St. Louis Science Fair to complete your project. The components of your project will be graded based on this rubric. Create a display board to showcase your project for Family Science Night (and possibly at the St. Louis Science Fair!).

**Part II – Checkpoints (10 pts each x 2) 20 points**

**Part III – Class Presentation 20 points**

Create a Google Slide presentation to showcase your project to the class. Be sure to include all of the components from the rubric. This must be in your “drop folder.”

**Total 140 points**

**Timeline:**

**Early Nov. 2013 In class** – discuss project, rubrics, and logbook requirements.

**Dec. 2, 2013** **Checkpoint 1** - Title, description, problem, & hypothesis due. Logbook check.

**Jan. 6, 2014 Checkpoint 2 -** Background information due. Logbook check.

**Feb. 3, 2014**  **Projects Due!** – Presentation, display board, and logbook due.

**Feb. 6, 2014** **Sperreng Middle School Family Science Night** – Projects will be on display that evening. Selected projects will be entered in the Academy of Science St. Louis Science Fair by the SMS Science Department.

**April 29 - May 3, 2014 Academy of Science – St. Louis Science Fair at Queeny Park!**

For more information about the science fair, visit <http://www.sciencefairstl.org/>