

## Science Show Project and Presentation

You must create a science experiment, PowerPoint presentation to be presented to the class, and activity sheet for the students to complete. You will present the project in front of the class. On the following day, you will present your project to groups of younger students at the Science Extravaganza.

1. A Science Related Experiment or Activity: must be approved and accepted by teacher. You choose your favorite experiments from the PowerPoint presentation and I will randomly choose which team gets what experiments. If you come up with your own idea, then you're guaranteed to get it!
2. A PowerPoint presentation explaining your experiment. The presentation must include
  - a. Slide 1 – Presenter name and Title of Project
  - b. Slide 2 – Materials List (include everything you need for your project)
  - c. Slide 3 - 5: How will you set up your experiment on the day of the Science Show – be very specific so that anyone could duplicate your project by just reading your PowerPoint.
  - d. Slide 6 - 10: Explain why your project works the way it does. Explain the science behind your project in detail. Use scientific terms on an 11<sup>th</sup> and 12<sup>th</sup> grade level. Show detailed sketches and drawings.
  - e. Slide 11 – ? Now explain why your project works the way it does so that K through 5<sup>th</sup> graders could understand.
- \*A picture related to the slides topic must be on every page. No exceptions (includes title page, presenter name page, etc.)!*
3. Activity Worksheet for the students to fill out before the Science Extravaganza.
4. Poster with title, team names, and large colored picture.

**The project is worth 100 points and counted as a test grade!**

