**Background**
Develop a toy or elementary school project into an inquiry demonstration suitable for a high school chemistry class.

By _____________ you and your partner(s) are responsible for developing a toy or elementary school project into an inquiry demonstration and performing it for the class.

**Purpose**
Many toys have been turned into science lessons suitable for elementary school students (example: http://www.omsi.edu/chemunit-3). Your challenge is to find a creative way to use a toy or elementary school project to teach a high school chemistry concept.

**Guidelines**
- Demonstrations and discussion should be 8 to 10 minutes.
- You must work in a group of two or three total. No exceptions.
- You must be ready to perform your demonstration in front of the class, using your inquiry worksheet, on ___________. Names will be drawn in random order. If you are not ready when your name is drawn, you will be penalized 10 points.
- You and your partner(s) are responsible for purchasing all toys or chemicals needed.
- If using chemicals, all chemicals should be readily available in a grocery or drug store.
- You must develop, type, and photocopy a one-page inquiry worksheet. The inquiry worksheet must consist of a series of questions about the demonstration to guide students to a conclusion that relates to a chemical concept.
- Your grade will consist of a written packet (50%) your demonstration (20%), creative development of a high school chemistry concept (20%), and a peer evaluation (10%) done by the other member(s) of your group.
- The written packet should contain:
  - Enough copies of a one-page inquiry worksheet with questions for everyone in the class,
  - One copy with purpose, introduction, materials list, and procedure for the demonstration
  - One copy of a safety handout with safety concerns, equipment, and a MSDS for any chemical used.
  - The written packet must not be copied from another student or a previously published source. This includes books, or any Internet source.
- You will be given a peer evaluation on the day your project is performed. This peer evaluation will allow you to evaluate your team members. All input will be held confidential.