Collaborative Project for New and Returning NetSci High Students

You have until 3 pm this afternoon to complete this project. Teams will consist of collaborations between new and returning students. Like the weekend challenge you just completed, be sure to seek the help of your teachers or graduate students or anyone else!

The project is to:

1. Decide on a particular audience. Be as specific or as broad as you like. Examples could be kindergarten to first grade students, middle school students, high school students, teachers, a technology company's employee professional development program, a generic public audience of any age, a science night in your community's senior center, your school board, the US Department of Education, visitors to a science festival. If you choose a school-based classroom, you can be even more specific and have your audience be a 9th grade biology class or Algebra I class or even a new class on network science or on student research (as opposed to all high school students).

2. Using as inspiration what you have done during this workshop (for new students) and/or the past year (for returning students), develop a formal educational "lesson plan" that can be used with your chosen audience. Create this in a Word document. The elements of this lesson plan must include:

   a. State the audience
   b. Objectives: what you expect people to learn
   c. Activity; some examples based on your audience and goals:
      i. Hands-on activity (something the audience does that engages them)
      ii. Computer-based exercise
      iii. Some art-based activity/assignment
      iv. Some form of assessment (list of questions or some other means of ascertaining if your objectives were met)

3. Create a means of presenting a basic introduction to network science for your chosen audience. This can be done in any number of ways. Some examples are: a Powerpoint presentation, plans for an exhibit at a science museum or festival, an ad campaign poster, script for a television ad, or script/plans for a play or television show or movie, and so on. You will share this with others at 3 pm.

4. Come up with a short song or poem or rap line or joke or anything along the lines of an "ice breaker" that is connected to either your lesson plan or presentation or audience. Share it with the audience at the end of your presentation.

5. Each group must upload their presentation and any other files you need in a **unique** folder inside:

http://tinyurl.com/netscihighprojectday

Again, like the weekend challenge, we have only one rule: **Each member of your group has to participate in the presentation. Everyone must say or do something.**

Good luck!! And have fun!!!