

Girls, Inc. Field Trip to the SimCenter
7/8/09 (Nifty Date, By The Way)

Girls arrive: 9:00 am

Meet in auditorium 9:00 – 9:45

- Discuss the process of engineering
- Discuss the part SimCenter plays
- Show slides
- US Express example

Tour Supercomputer (Wally) 9:45 – 10:15

- Discuss relative size
- Tour facility inside room
- Q&A

Science Reasoning Activity (Error Estimation) 10:15 -11:00

- Gather around foyer with numerous objects
- Time descent and discuss why
- Paper example
- Discuss hypothesis process
- Show modeled time ($\sqrt{25/16} = 1.25$) vs real time
- Discuss error/computers

Use What You Learned Paper Plane Contest 11:00 – 11:45

- We will be building several model planes using internet sites in auditorium
- We will experiment for a while and then discuss what we learned
- Paper Airplane Contest with a prize for the winner!

Snack (provided by Girls, Inc.)

Girls depart: 12 pm