

**STEM Camp Agenda Summer 2011**  
**Alex City Campus June 13 – June 17**  
**CACC Betty Carol Graham Center**

**June 13, 2011 Lego Camp Day 1**

7:30 – 8:00 Orientation, Introductory Remarks, & choose partner for Lego Competition

8:00 - 11:00 Build CACCSCAR 5 Racer

11:00 - 11:30 CACCSCAR 5 Competition

11:30 - 12:00 Lunch

12:00 – 2:30 Build the Peanut 2 Racer

2:30 – 3:00 Peanut 2 Competition

3:00 – 4:30 Build a Dragster

4:30 – 5:00 - Drag Races

**June 14, 2011 Tech Applications I & II**

We will divide into two groups. One group will work with the big robot while the other will get instructions in Programmable Logic Controllers. After lunch, the two groups will switch places.

8:00 - 11:30 Group 1 – PLC (Room 202) / Group 2 – Robotics (Room 125)

11:30 - 12:00 Lunch

12:00 - 3:00 Group 2 – PLC (Room 202) / Group 1 – Robotics (Room 125)

**June 15, 2011 Field Trip**

**June 16, 2011 3 – D / Optics**

Experiments with Optics equipment and 3-D Software

**June 17, 2011 Computer Workshop & PowerPoint Presentations**

8:00 - 12:00 Computer Introduction and Power Point workshop

11:30 - 12:00 Lunch

12:30 - 3:00 Power Point Presentations

3:30 - 3:30 Awards Ceremony