

STEM Camp Agenda Summer 2011

Alex City Campus June 6 – June 10

CACC Betty Carol Graham Center

June 6, 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 7, 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 8, 2011 Field Trip

June 9, 2011 3-D / Optics

Activities using Optics equipment and 3-D Imaging software.

June 10, 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