

## **Explorer Post 1010 Robotics 2009-2010**

The following is a set of topics that our teams need to review this fall. We would like everyone to develop some skill in all the areas so they can decide what they might focus on later this year.

1. CBC operations, demonstration
  - Run an exercise for members to play with a CBC
2. CBC programming, demonstration
  - Run a class in programming them
3. Sensors, describe/demonstrate
  - Starting light sensor
  - Touch sensors
  - Top Hat IR reflectance
4. Actuators
  - Motors
  - Servos
5. Bot construction
  - Platform (base or chassis) – Lego, IFI
  - iCreate, demonstrate
6. Effectors (claws, arms)
7. Camera, demonstration, exercise
8. Documentation
  - Schedule/Plan
  - Design on-line
  - Test results
    - Data
    - Videos
    - Pictures
  - Report
  - Presentation