Challenge #1: Sunspots to Thermostats

Your Task (synthesis/design/implementation): create a system that will measure average temperature in five locations in the room and report these values to a central station in calibrated engineering units.

Deliverables:

1. Presentation (5 slides) including
   a. Graphic summarizing design decisions
   b. Architecture and data flow of solution
   c. Summary of challenges
2. Proof of calibration
3. Demonstration of solution

Learning objectives: establish the basic tools for using the Arduino-XBee hardware and development environment, and basic sensing principles.