**Day 6 – Begin Manipulation and Programming**

**Morning**

* Review what we did last week
* A few juggling videos
* Largest robot in the world video
* Advanced programming tutorial
* Etch-a-Sketch-bot
  + Form groups
  + Spec: Build robot having 2 rotational sensors, use two rotational sensors to draw on screen
  + Journal - the usual categories
  + Build
  + Run
  + Demo
  + Journal

**Afternoon**

* Radar-bot
  + Form groups
  + Spec: build robot so radar swings back and forth, plot points on screen
  + Journal - the usual categories
  + Build
  + Run
  + Demo
  + Journal
  + Look at nxtprograms.com code

**Late Afternoon**