**Day 5**

**Morning**

* show fun gait videos (horse gaits, asimo running, falling, big dog weaponized, etc.)
* Review yesterday
* **Reminder - will collect journals and worksheets today**
* Finish Biped
* Demo
* Journal
* Acknowledge teammates

**Afternoon**

* Discussion – name some ways creatures move
* some videos about animal locomotion, robot locomotion
  + hod lipson
  + etc. (see playlist)
* demo of amoeba, rock climber netlogo
* Fun, Guided Free Build – animal locomotion
  + Choices:
    - Surprise us
      * be able to explain construction
      * make program do something in response to 2 sensors
      * detailed task list that corresponds exactly to NXT-G
    - or choose animal locomotion kit from nxtprograms.com
      * if this option, have to build exactly from plans
      * have to use and explain entire program (every step)
      * convert program to task list
  + Will have to have 1-page writeup on overhead
    - presentation by each team member
      * talk about duties
      * goal of project
      * present standard journal items (typed on overhead)
      * discuss physical design
    - describe/explain program
    - run robot
  + Journal
  + Use two sensors
  + Show a few samples from NXTprograms.com
  + Plan things out
    - Small steps

**Late Afternoon**

* Continue ‘free-build’
* Presentation in front of class
  + Type up 1-page word document
    - Goal:
    - Physical design
    - Program
* Presentation and Demo in front of class
* Clean up
* Collect Journals