**PLANES, TRAINS, AND BIOLOGICAL THINGS (TEAM 59)**

**Meeting 1: 8/30/15 1:30-3:00pm**

Objectives:

* [X] Team Slide:
  + [X] photo
  + [X] team name
* [X] Code of Conduct
  + [X] individual norms
  + [X] group norms
  + [X] plan of operations
  + [X] plan for safe environment
  + [X] problem-solving
  + [X] how Code can be updated
* [ ] Project 1
  + [X] initial ideas
  + proceeding:
    - clarifications/more instruction within class 8/31
    - next meeting TBD
    - until then, continue to brainstorm

**Meeting 2: 9/1/15 4:45-xpm**

Objectives:

* [X] Team Motto
* [ ] Project 1
  + [ ] design Ideas
    - cut 4 half inch slits in straws ends to create four petals to fold out and reinforce the overlapping joints
      * reinforce this with tape
      * problem: bend in long chains of straws...
    - base--triangular (saves straws, strong shape)
      * base is made of a chain of straws put together as seen above
      * corners are bent in straws to create strong joints between straws in middle (corner joints are hard to make, weak)
      * top base--lose about 2in in overlap per straw--able to use 2 straws to make 3.75” sides at top
    - connecting base to vertical support???
      * petals around joints/corners-top base
  + [ ] basic construction
    - base model
    - joint model

**Meeting 3 9/3/2015 6:30pm**

Objectives:

* [ ] Project 1
  + connecting base to vertical support
    - bottom: bend straw to create more surface area for tape to attach vertical to base
    - cut tape in half long ways to wrap around more area!!
  + more construction
  + diagonal bracing between levels
    - bottom: 1.5 straws
    - middle: 1 [and a little bit] straws
    - top: one straw
  + straws left: 13

**Meeting 9/20/2015 9:00-9:40pm**

* RFAI 1 completed
* Next meeting... 6:30pm C111 Monday 9/21 (robot parts recount)
* fiddled with walking mechanism using gears and legs