

6. HOPPER CELEBRATION

- During one of my tests at the second design review the stand broke off the hopper
 - The durability of the stand quickly became the focus
- I then began working on more stands
 - I changed height, thickness (1/8" vs 1/4"), and material on the bottom (piece of rubber band)
- I saw that the rubber band bottom gave the stand the best traction, but the hopper was still not hopping as well as I thought it could
- I then added magnets to the hopper to provide another source of propulsion for the top segment
 - The magnets were placed such that they would repel each other

