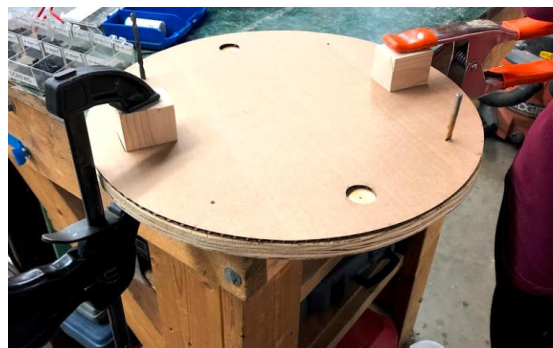
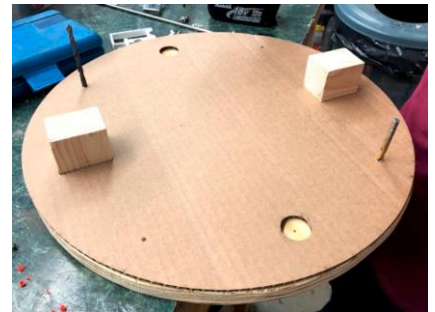
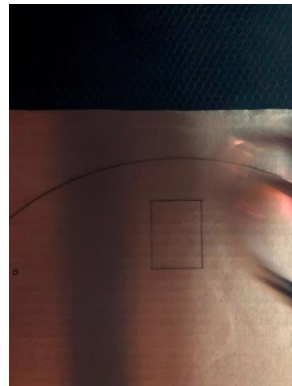


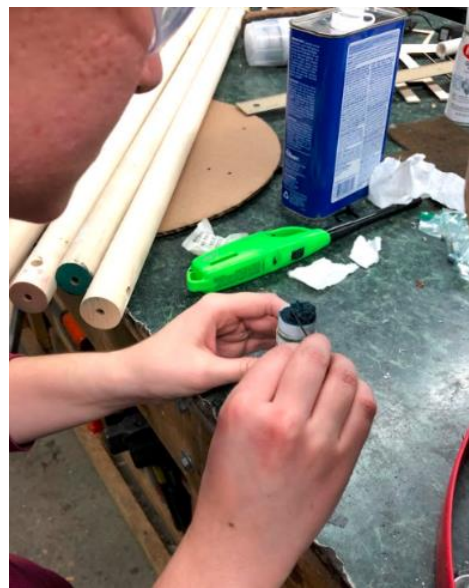
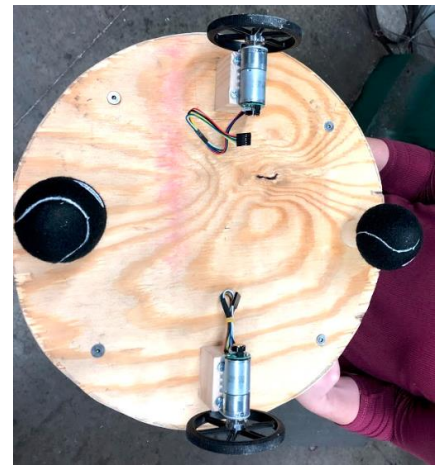
## Week 5 Status Update

Team D1 – Isabel Murdock

### Work Accomplished:

- Finished construction and assembly of the robot's base
  - o Created and laser cut template for bottom side of the base
  - o Attached motor offset blocks and motors to the base – with countersinking
  - o Cut legs for the tennis balls and screwed them into the base
  - o Added locktite to the set screws for the wheel hubs
- Attached vertical supports to the base
  - o Drilled holes in the vertical supports
  - o Screwed supports to base, can be unscrewed for easy access to the base





- Hooked up the motors to the Arduino via the Arduino motor shield
  - o Ran a successful Arduino program that spun the wheels on each motor

#### Schedule:

- Slightly behind schedule in terms of robot structure
  - o Still need to cut out the top circular board
- Slightly behind schedule in terms of robot mobility
  - o Need to make sure the motors are powerful enough to move the base and tray

#### Upcoming Deliverables:

- Finish top shelf of robot
- Test the power of the motors with the Arduino shield