

Noble High School  
Team Number:0468

Region: Oklahoma

## **Period One - Project Plan**

### Goals and Tasks For Botball 2019

#### **Game Goals and Tasks**

A. Score 150 pts in the first 30 seconds of the run. **(01/30)**

-Score the Fireman **(01/30)**

-Score the Firetruck **(01/30)**

-Score the Gas Valve **(01/30)**

B. Deliver both utility valves. **(02/14)**

-Deliver closest utility valve. **(01/24)**

-Deliver the far utility valve. **(02/14)**

C. As many meeples as possible placed in hospital. **(02/22)**

-Extract first meeples. **(01/24)**

-Extract max number of meeple. **(02/22)**

## **Robot Building Goals and Tasks**

### **A. Sensor Mounts in Classic Orientation (01/19)**

-Research classic sensor mounts. **(01/14)**

-Mount the sensors. **(01/19)**

### **B. Blue Pom Bulldozer (01/24)**

-Mount C mount. **(1/22)**

-Mount bulldozer. **(01/24)**

### **C. Powerline Connector (02/14)**

-Determine design. **(01/22)**

-Finalize design. **(02/14)**

## **Programming Goals and Tasks**

### **A. Build a Function Library. (01/24)**

-Organize old functions. **(01/15)**

- Finalize new functions. **(01/24)**
- B. Finalize Libraries for Main Effectors. **(02/01)**
  - Library for create. **(02/01)**
  - Library for demo bot. **(02/01)**
- C. FLEXXX. **(03/07)**
  - Create will play Imperial March. **(03/01)**
  - Demo bot will Mario Ground Theme. **(03/07)**

## **Documentation Goals and Tasks**

- A. **Period 1- Turn in Document on Time- January 24th**
  - Document complete. **(01/24)**
  - Document verified for 100 pts. **(01/24)**
- B. **Period 2- Mechanical Video Submission- February 10th**
  - Pictures Taken **(02/01)**
  - Audio overlay is added. **(02/07)**
- C. **Period 3. Github Up and Running- January 24th**
  - Account created. **(01/17)**
  - First push to Github. **(01/24)**

## **Schedule Conflicts**

- Professional Development Day **(02/01)**
- Professional Development Day **(03/05)**
- Martin Luther King Jr. Day **(01/21)**

## **Schedule Meeting Times**

Lab is Open 12:00-5:30

Mon-Thurs

Friday 8:00-12:00- From  
workshop to tournament.

## **Division of Labor**

Adult Team Leader: Roger Clement

Executive Administrator: Brody

Co-Lead Code: Ryan and Jake

Lead Builder: Ethan

Code Team: Tr3yton, Tyler, Brayden, Dakota

Build Team: John, Daniel, Jon, DJ, Michael

Camera Models and Testing: Carson

Video Production: Trenton

Research and Development: Zach and Logan

Documentation: Zach

## **Conflict Resolution**

We address our issues through peaceful, civil discourse. To ensure that our

team members feel that they are within a safe space.