

**4-H Robotics Challenge**  
**2017**  
**Intermediate Grades 6-8**  
**Olympic Trials!**

***Weight it up! Olympic Weight Lifting***

**Objective: Pick up as many “weights” as possible and put them on the stands**

1. Start robot in the starting box.
2. Pick up as many of the items and place them on the shelves.
3. Each shelf will have a different amount of points assigned to it.
  - a. Short shelf 1 point
  - b. Medium shelf 2 points
  - c. Tall shelf 3 points
4. You have two minutes to complete this.
5. Team with the most points, wins.

***Track Athlete***

**Objective: Complete the 800!**

1. Robot must start at the starting line.
2. Complete 2 laps around the track, must finish completely past the starting line.
3. Best time wins.

***Field Games: How far can you throw?***

**Objective: Throw the javelins and shotputs as far as you can!**

1. Robots will start behind the line
2. Throw the javelins and shotputs at the rings.
3. You will receive points based hitting the rings.
  - a. 2 points for touching the ring
  - b. 4 points for being entirely in the ring
4. You have two minutes to complete this activity.
5. The team with the most points wins!