



To: Delano Middle School and High School Core Planning Group
From: Lynae A. Schoen | LS
Date: June 16, 2016
Comm. No: 152235

Subject: Independent School District #879
Delano Core Planning Group
June 14, 2016 **Robotics** Meeting Minutes

Attendees:

Todd Bolzer, Robotics Coach	todd.bolzer@live.com
Dr. Steven Heil, Principal	steve.heil@delanoschools.org
Lynae Schoen, Wold Architect and Engineers	lschoen@woldae.com

The Group met to tour the metals shop to review existing conditions/needs and discuss concepts for future programming/space needs.

Discussion Topics:

- A. There are 10-15 project tote containers:
 1. 12.5" (height), 30" (length), 17" (width).
- B. There are two (2) mobile work benches 30" x 54".
- C. There is an existing "Robotics" storage room in the metals shop:
 1. 10' x 12' room.
- D. Robotics Program:
 1. Main "Season": January 2, 2017- April 15, 2017.
 2. Meet four (4) to five (5) times a week after school and on Saturdays.
- E. Competitions:
 1. Need to store simulation field for actual game (large wood structures).
- F. There are Summer and Fall off season events:
 1. Students work all year around.
- G. Store expensive parts (\$30,000 worth of equipment).
- H. Program is 20 students now and growing.
- I. Equipment/Space Needs:
 1. Use three (3) to four (4) student work benches.
 2. Lathe.
 3. Sheet metal benders.
 4. Wood shop for obstacle/simulation track production.
 5. Do use some metals and wood shop equipment.
 6. Use metal lathe.



- J. Want to keep a "fleet" of robots:
 - 1. Ideal and store three (3) to four (4) robots, 30" x 36" foot print each. This would ideally be a caged storage area.
- K. Have some kids and mentors floating throughout all the labs at the same time.
- L. Like to practice in public spaces. For "advertising" purposes, practice in the Middle School commons.
- M. Complete on Carpet.
- N. The Robotics space in the new "Dirty" Fabrication Lab to include:
 - 1. Shared student work benches.
 - 2. A built-in bench with upper storage for work that is in progress and parts storage.
 - 3. Open floor space against the wall for two (2) existing mobile workbenches.
 - 4. Lockable caged storage for robots.

cc: Traci Lawman, ISD #879

LW/ ISD_879/152235/min/6.14.16 Robotics