



To: Core Planning Group
From: Kaitlin Schalow | KS
Date: May 4, 2016
Comm. No: 152235

Subject: Independent School District #879
Delano Secondary School Additions and Renovations
April 27, 2016 **Science Classrooms** User Group Meeting Minutes

Attendees:

Stephen Schaack, Delano Public Schools	stephen.schaack@delanoschools.org
Gerrit van Bergen, Delano Public Schools	gerrit.vanbergen@delanoschools.org
Jessie Bahe, Delano Public Schools	jessica.bahe@delanoschools.org
Jason Monke, Delano Public Schools	jason.monke@delanoschools.org
Karen Hohenstein, Delano Public Schools	karen.hohenstein@delanoschools.org
Mike Stoudt, Delano Public Schools	mike.stoudt@delanoschools.org
Steve Heil, Delano Public Schools	steve.heil@delanoschools.org
Lynae Schoen, Wold Architects and Engineers	lschoen@woldae.com
Kaitlin Schalow, Wold Architects and Engineers	kschalow@woldae.com

The Group met to discuss the preliminary User Group drawing. The drawings presented in the meeting are for diagrammatic purposes only, intended to facilitate discussion and visualize spatial adjacencies. The following is a brief summary of topics discussed.

Discussion Topics:

- A. Existing Science:
 - 1. Current Science Room count is eight classrooms.
 - 2. Current Science Teachers: Nine full time teachers for grades 7-12.
 - a. Some current Science teachers do not have a dedicated classroom and are teaching off of mobile carts.
 - 3. Current Rooms:
 - a. Physical Sciences.
 - b. Earth Sciences.
 - c. Chemistry.
 - d. College Chemistry.
 - e. Physics.
 - 4. All current Science Classes are lab-based.
- B. Other subjects taught by Science teachers: PLTW and Engineering.



- C. There should be considerations for a future Science Classroom due to student population growth.
- D. The science department does not currently utilize smart technology. Projectors and screens are utilized.
- E. MS Sciences:
 - 1. Classes: Life Science and Earth Science.
 - 2. Average Class size 32 students.
 - 3. Three Classrooms.
 - a. Current SF counts at 1,301 SF, 1,169 SF and 1,160 SF.
 - 1. New MS Classrooms to meet/exceed current SF.
 - 4. Storage Space:
 - a. Current Storage Room: 196 SF.
 - 1. Current storage space is sufficient.
 - b. Current Prep Room: 368 SF.
 - c. Storage/Prep should be accessible to all MS Science Teachers from the Hallway.
 - d. Need to wash glassware.
 - e. Refrigerator/Freezer Unit.
 - 5. Projector with Screen.
 - 6. Marker boards.
 - 7. There should be power for microscopes in the middle of the room. Microscopes will have to be stored in the classrooms.
 - 8. Students may use portable technology at lab spaces and they may need to charge them.
 - 9. One long counter is not ideal for teacher/student interaction for lab station placement.
 - 10. Flexible, collaborative tables would be ideal.
 - 11. There should be at least one sink per Classroom.
 - 12. Plenty of outlets should be provided. No floor outlets are necessary. Drop down overhead power may be applicable?
 - 13. Eye wash/shower.
- F. HS Science:
 - 1. Average class size is 30-32 students for all HS classes.
 - 2. Biology:
 - a. Tables used for lecture space can also be used for labs.
 - b. Demo table.
 - c. Classroom storage: open shelving with bins.
 - d. Plenty of outlets- at least 12 for microscopes.
 - e. Teacher desk.
 - f. Three Open Book Shelving.
 - g. Three to four sinks.
 - h. No gas required.
 - i. It would be ideal if there was a refrigerator in the Classroom. There will be a refrigerator located in the Prep Area.
 - 3. Chemistry/Physical Science:
 - a. Gas required.



- b. Flexible lab stations would be preferred over built-ins.
 - c. Collaborative tables would be preferred.
 - d. Student tables could be the same as the lab tables.
 - e. It would be preferred to have the chemistry tables higher.
 - f. Stools at the tables would be sufficient.
 - g. It would be ideal to have two fume hoods.
 - 1. Students do experiments in the fume hood.
 - 2. Demo occurs in fume hood.
 - 3. Current Prep does not have a fume hood.
4. College Chemistry:
- a. Currently housed in Room 118.
 - b. Gas required.
 - c. Needs close proximity to chemical storage.
 - d. Glassware storage required.
 - e. Current lab stations are too big.
 - f. Teaching Wall: marker boards, projector w/screen.
 - g. Current fume hood locations are not accessible since they are located in the corner.
 - h. Preference for quality wood casework over existing PLAM cabinets.
 - i. Flexibility for space use is key.
 - j. There should be cabinets for storage at the back of the room as well as lockable drawers around the perimeter.
 - k. Plenty of outlets to be provided at lab stations.
5. Physics Lab:
- a. Would prefer high tables around the perimeter of the classroom.
 - b. Overhead drop-down power would be sufficient.
 - c. Working Eyewash station needed.
 - d. Needs Shower.
6. HS Prep Area:
- a. Storage/Prep/Chemical Storage to have an entrance off the Main Hallway and accessible to all Science teachers.
 - b. Needs to have an area for glassware washing.
 - c. There needs to be improved ventilation for chemical storage.
 - d. Dishwasher-residential size.
 - e. Refrigerator/Freezer-residential size.
 - f. Fume hood required for prep.
 - g. Storage.
7. Higher tables at lab height would be preferred for all Science Classrooms.
- G. Internet Service: It was noted that there exists a current closet for internet service in the proposed Prep/Storage Room. Wold to field verify location.
- H. There should be considerations for document camera capabilities over the teacher's demo station in all Science Classrooms.
- I. Each Science Classroom to have a teacher's station with sufficient storage.



- J. Science Department to provide Wold at next meeting:
 - 1. Equipment to be stored?
 - 2. What should the shelving look like?
 - 3. Storage needs-bin numbers/amounts?
 - 4. What is in the Prep Room?
- K. The next User Group meeting will occur in approximately two to three weeks.

cc: Attendees

MH/ISD_879/152235/mins/4.27.16 Science