

Master Facility Plan  
Update

FUNCTIONAL  
TEAM  
REPORT



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# Executive Summary

Science Labs at both High Schools are relatively new compared to most other parts of the buildings. Multiple additions and renovations have occurred from the early 1990s providing HTHSD86 with modern, well functioning Science spaces, well suited for the current curriculum and anticipated future programs.

Central High School is currently scheduling Science classes in non-Science rooms due to a shortage of labs. Current Science classes are designed to be flexible, meaning any type of science can be taught in the classroom. Some of our current classrooms are not considered flexible and therefore chemistry cannot be taught in them because they do not have separate lab and lecture stations. An additional two Science Labs are recommended. The additional classrooms will allow for continued growth and help the scheduling of classes in the appropriate classrooms suited to the course needs.

No changes are required at South.

## **Central High School Science Spaces** - 17 Science classrooms and 1 non-Science classroom:

- 1991 - room 181 added to Science;
- 1995 - rooms 180 (storeroom), 182, and 183 added. Room 181 redesigned;
- 1998 - rooms 184, 185, 186, 187, 188, 189, 190, 191 (storeroom), 193, and 195 added;
- 2003 - rooms 192, 197, and 199 (new lab prep room) added;
- 2012 - rooms 129, 131, 132, and 134 (STEM classroom) renovated.

## **Central High School Science Usage** - 17 Science classrooms:

- 7 classes per day = 119 classes (sections);
  - 2014/2015 school year = 125 sections;
  - Result = 6 sections taught in a non-Science room;
- One additional Science Lab is needed.

## **South High School Science Spaces** - 12 Science classrooms:

- Most Science classrooms are less than 12 years old;
- 6 classrooms renovated in 2004;
- 2 new classrooms in 2006;

## **South High School Science Usage** - 12 Science classrooms:

- 7 classes per day = 84 classes (sections);
  - 2014/2015 school year = 77 sections;
  - Result = flexibility in scheduling;
- No additional Science Labs are needed.

Contributors to the Science Team discussions include:

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Science Space Team

HTHSD 86

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# Science Space Team

## **CENTRAL HIGH SCHOOL**

### **COMPONENT 1 - Two Additional Science Lab Spaces**

A 4,000 square foot, single story addition providing two new Science Labs, prep room, and circulation.  
Note: All Science labs should be on the same floor level;



# Master Facility Plan



Science Functional Team

# Existing Structure at HC



- ∞ 17 science classrooms and 1 non-science room
  - ∞ 1991 – rm. 181 added
  - ∞ 1995 – rms. 180 (storeroom), 182 & 183 added, room 181 re-designed
  - ∞ 1998 – rms. 184, 185, 186, 187, 188, 189, 190, 191 (storeroom), 193, 195 added
  - ∞ 2003 – rms. 192, 197 and 199 (new lab prep room) added
  - ∞ 2012 – rms. 129, 131, 132 and 134 (STEM classroom) renovated

# Room Usage at HC



- ∞ 17 Science classrooms
- ∞ 7 classes per day = 119 classes/sections
- ∞ 14-15 school year = 125 sections
- ∞ Result = 6 sections taught in a non-science room

# Existing Structure at HS



- ∞ Most science classrooms are less than 12 years old
- ∞ 6 classrooms renovated in 2004
- ∞ 2 new classrooms in 2006



# Room Usage at HS



- ∞ 12 Science classrooms
- ∞ 7 classes per day = 84 classes/sections
- ∞ 14-15 school year = 77 sections

# What next?



What information will help us make an informed recommendation for District 86 Science?

# Survey?



Would we like to survey science teachers?

Benefits?

Concerns?

Would we like to survey students?

Benefits?

Concerns?

If yes to a survey, what questions would we like to ask?