



EDISON HIGH SCHOOL SCIENCE DEPARTMENT ALTERATIONS

EXISTING CONDITIONS

- 4 classrooms, 1 shared experiment lab
 - Antiquated design - original high school constructed in 1970
- Insufficient circulation and confusing access to classrooms
- Insecure storage for materials
- Inadequate faculty storage for equipment, supplies, and books
- Antiquated utilities
 - Not enough electrical outlets, poor water pressure, and inaccessible gas shut off

PROPOSED ALTERATIONS

- 4 larger classrooms with integrated labs within each classroom
 - Allows for the ability to incorporate more hands-on activities during class
 - Allows for more demonstrations without moving the entire class into and out of the lab for such a short activity (better time efficiency)
 - Allows students to work at their desk when they are finished without requiring the teacher to hold everyone in the lab until the last group is complete or have unsupervised students
 - Avoids scheduling conflicts between teachers needing a single lab
- More lab space
 - Provides students more space to work safely and in smaller groups
 - Provides room for additional equipment to be used in labs
 - Provides the teacher the ability to create rotating lab stations for instruction
 - Provides the teacher with room for setup of long-term inquiry projects
- Multi-room access for shared prep areas
 - Allows several teachers to share and access resources easily
- Secure storage for costly equipment
- Natural light to aid in the instruction of biological concepts such as photosynthesis
- Additional outlets for computers and technology in both the classroom and lab
- Increased ventilation
- Easier and safer access to gas shut-off valves
- Drain for the chemical showers
- Industrial aesthetic
 - Exposed structural components, mechanical systems, and plumbing
 - Exposed concrete floor
- Upgraded science facilities to be competitive with EHOVE, BGSU Firelands, and many of the surrounding districts with recently renovated science labs
- No structural alterations to original building
- No major exterior alterations with the exception of doors and/or windows

FUNDING CONSIDERATIONS

- Project estimate is \$750,000 based on 6,000 square foot area and \$125 per square feet
- Edison School Board has committed \$225,000 from permanent improvement fund
- Naming rights \$400,000 for entire project or \$100,000 per classroom

