

Fremont City Schools

Fremont Middle School

1250 North Street
Fremont, Ohio 43420

Dedication

Thursday, December 15, 2011



SUPERINTENDENT'S PERSPECTIVE

Today we dedicate a building for teaching and learning. For the past three years, this building has slowly risen from the first shovels of overturned earth to the impressive structure that it is today.

We believe that in the construction of this new home for middle school students, we have “made history,” because we believe that history is about that which endures and is especially important because its story matters to all of us. This building will endure for generations and the stories written here and the players in those stories will be stitched in the tapestry of this place forever.

As well, the storied history of Fremont’s current middle school will follow every student entering this new middle school, for volumes and volumes of history were written in the 120 years of that building.

The careful connection of the old and the new offers us the opportunity to write a continuing story that seamlessly adds chapters to a community legacy of commitment to education and children.

That, then, may be the more important part of “making history,” for the history of this new Fremont Middle School also begins today with this dedication. It takes many hands to write a history and that history will be filtered through many perspectives.

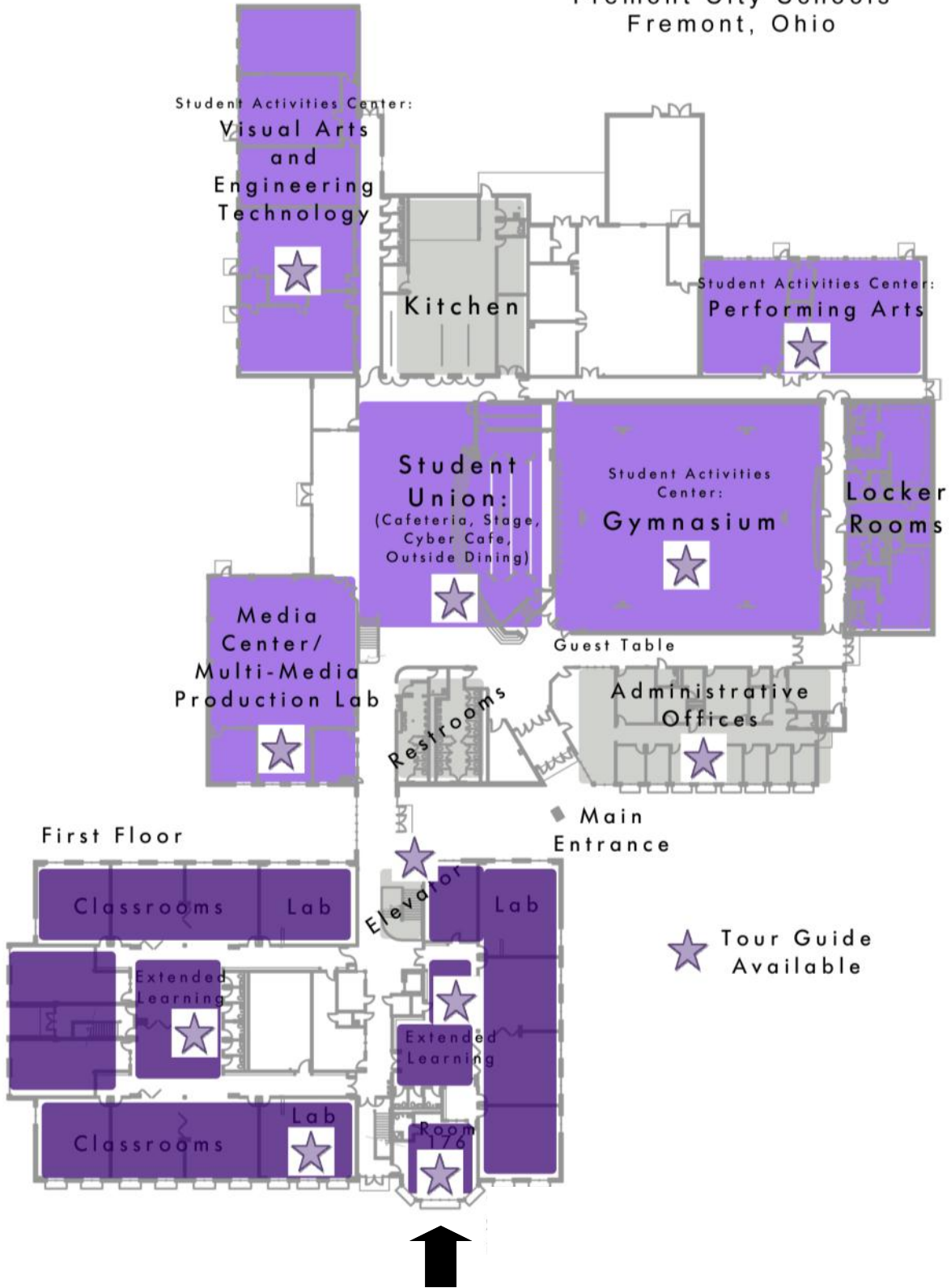
Thus, today’s event is “historical” both for the event that it is and the incredibly important framework for teaching and learning that it will soon be.

Thank you for joining us today as we take the first steps on what we hope will be a most fruitful, historic journey.

Dr. Traci McCaudy
Fremont City Schools Superintendent

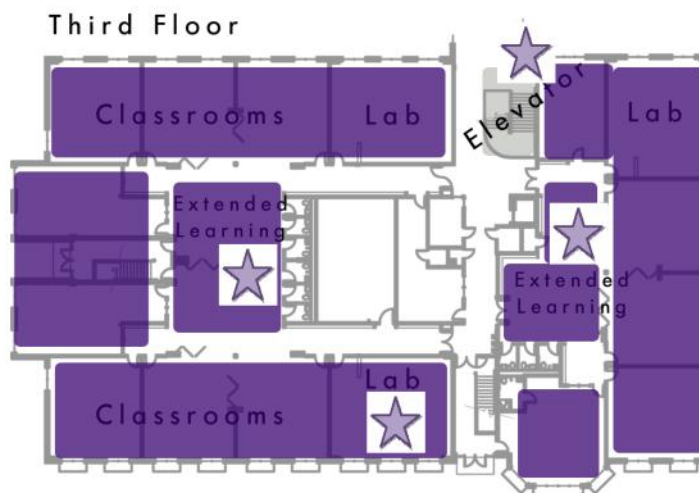
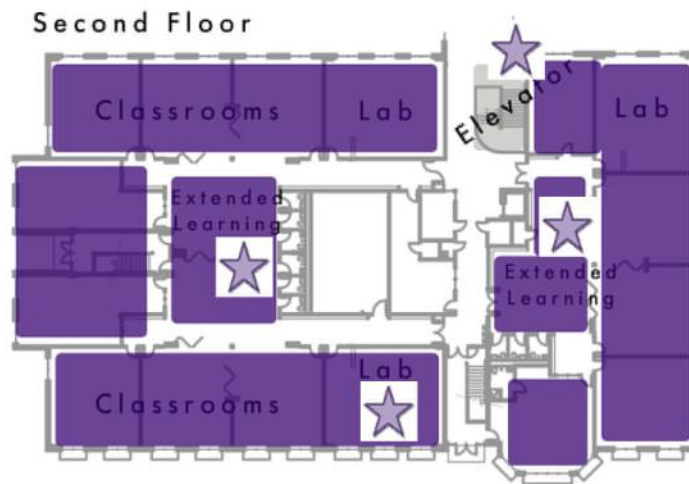


First Floor
FREMONT MIDDLE SCHOOL
Fremont City Schools
Fremont, Ohio



See how our students feel about moving into the new building.
“History in the Making” Student Video playing in Room 176.

Second and Third Floors
FREMONT MIDDLE SCHOOL
Fremont City Schools
Fremont, Ohio



AT THE END OF YOUR TOUR

Please visit the guest table (located by the gymnasium) to sign our registration book and share comments about the new Fremont Middle School.

Engraved sidewalk pavers and other items are also available to purchase.

FREMONT MIDDLE SCHOOL

GENERAL INFORMATION

- The new middle school is approximately 126,000 square feet and sits on a 12.5 acre site.
- The location of our new building, next to Ross High School, creates opportunities for sharing resources. The corridor between the gym and administrative area aligns with the corridor next to the Little Theatre to allow for easy access between buildings. The new site also allows for green space for outdoor wellness activities.
- The building cost approximately \$25 million. The OSFC funded 32% of the cost of the project and the Fremont community paid 68%.
- The building is organized into five (5) areas that allow for a smooth flow of student traffic:
 - Administrative Offices
 - Student Union (Cafeteria/Stage/Cyber Café/Outdoor Dining)
 - Student Activities Center (Gymnasium/Locker Rooms/Arts/Engineering Technology)
 - Media Center
 - 3 Floors of Classrooms (1 floor for each grade level)
- The three-story classroom area is oriented east/west for maximum solar heat gain in the winter when the sun is low in the sky.
- The roof monitors and the solar light tubes are unique features of this building. These items provide natural lighting and reduce the need for electric lighting and air conditioning.



FREMONT MIDDLE SCHOOL

GENERAL INFORMATION

- The white roof reflects heat during the summer months to help reduce cooling costs.
- All exterior windows have integral blinds. Many windows have exterior sun control devices that will create shade in the summer and allow the sun to enter in winter months.
- Heating and cooling plants are designed with high efficient condensing boilers and high-efficient air-cooled chillers.
- In the event of a power outage, emergency lighting, restroom sinks, toilets, fire alarm, phone system, technology, cooler, freezer and air conditioning will remain operational.
- Restrooms have infrared sensor activated faucets and flushometers. These features reduce infectious disease, save on water usage and reduce maintenance and operational costs.
- The building is protected by a video surveillance/camera system with “buzz-in” entrance controls.
- The building is covered by wireless access points.
- The building, including classrooms, is served by a voice over IP telephone system with voicemail.
- Artwork created by our students, staff and local artists is displayed throughout the building. Pam Reithmeier created the sculpture located outside in the front of the building and Beth Sage created the mural in the gymnasium. The “Flower Power II” painting hanging near the front entrance was donated by our Artist in Residence, Jude Bischoff.
- The Fremont American Legion, Thurston Zwir Post 121, donated the flags for all of the classrooms.
- The Fremont Exchange Club donated the “Freedom Shrine,” which will be displayed in the main hallway beginning in January.
- The new building will qualify for a platinum LEED (Leadership in Energy and Environmental Design) designation. Fremont Middle School may be the first “platinum” LEED building in Ohio.
- A legacy hallway will be created at the new middle school. This hallway will contain artifacts and pictures from the Croghan Street FMS. Additionally, the cornerstones from the old building will be incorporated into the outdoor landscaping.
- FCS students created a time capsule and it was placed in the 2012 cornerstone located in the front of the building.



FREMONT MIDDLE SCHOOL

STUDENT UNION / ADMINISTRATIVE OFFICES

Student Union (Cafeteria, Stage, Cyber Café, Outside Dining)

- The cafeteria and stage will function together as one large space (*known as the Student Union*). The cafeteria space will also act as the 450 guest seating area for music and theater performances that will occur on the stage. The 1800 foot stage has been equipped with fully-functioning stage curtains and stage lighting. This will allow for optimal use of the stage. The stage will accommodate a range of production scope; from a small choir concert to a large theatrical performance.
- The cafeteria space is also extended into a cyber café area where students can also eat lunch and connect to the internet on net books to do homework and research. There is a built-in bench surrounding this area to provide casual seating to the students.
- The Student Union is served by a sound system with wireless microphones and play back MP3/iPod players.
- The outside dining space is located with access from both the dining area and the media center. There are 8 tables that can seat between 32 and 64 people. The concrete is colored and has a texture of natural stone to increase the aesthetics of the area. There is ample landscaping to provide visual interest, attract song birds and to provide a buffer for the adjacent land owners.



Administrative Offices

- The administrative offices include:
 - Reception Area
 - Principal's Office
 - Assistant Principal's Office (2)
 - Counselor's Office (2)
 - School Psychologist's Office
 - Nurse's Office
 - Conference Room
 - Workroom

FREMONT MIDDLE SCHOOL

STUDENT ACTIVITIES CENTER

Gymnasium, Locker Rooms

- The gymnasium has roof monitors that will provide plenty of natural lighting; during the day, the interior lights should not need to be utilized.
- The bleachers, when fully extended, will provide seating for 650 people during athletic events. Portions of the bleachers can be manipulated to provide various amounts of seating for specific needs.
- The gym court lines include a main basketball court and a main volleyball court. There are two side volleyball courts and two side basketball courts. A gymnasium divider curtain (that can be raised and lowered in the center of the gymnasium) provides another option for configuring the gym to best serve wellness (physical education) classes and athletic practices.
- Under-stage storage, accessible from the gymnasium, maximizes the value of this space in the building.
- The gymnasium is served by a sound system with wireless microphones and play back MP3/iPod players.
- The gymnasium scoreboards were purchased with advertising funds from the following organizations: Croghan Colonial Bank; Crown Battery; Memorial Hospital; Shetzer Insurance Agency, Inc.; Terra Community College; The Mosser Group; and Vanguard-Sentinel Career & Technology Centers.
- The gymnasium is provided with an independent air handling unit that will allow the gym to be operated independently from the remainder of the building. This unit is also equipped with carbon dioxide, demand control ventilation that will adjust outside air volumes based on the activity within the space. For example, less outside air will be required during normal physical education periods than during an assembly. The gymnasium is also equipped with fabric ductwork in lieu of metal duct. The fabric ductwork will not dent if it is hit by a basketball or from other sports activities.
- Each locker room has showers, restrooms and 56 lockers. Staff offices are also located in the locker rooms.



FREMONT MIDDLE SCHOOL

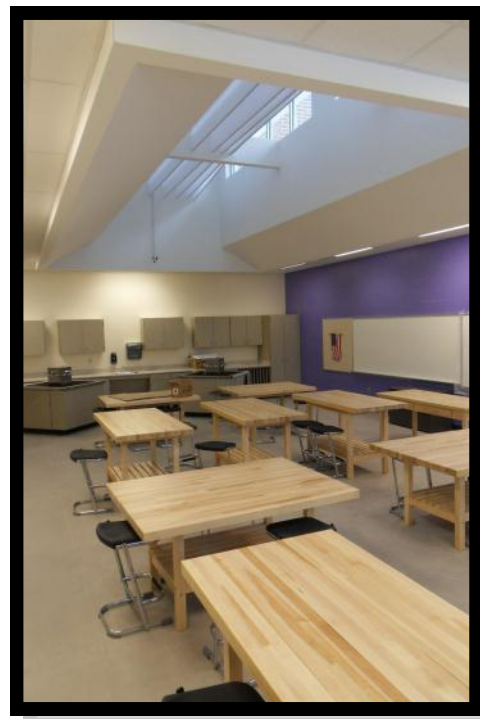
STUDENT ACTIVITIES CENTER

Performing Arts

- The music wing was designed with two main classrooms (vocal and instrumental) that share three common spaces: two practice rooms and a music library.
- The walls in these rooms were designed to be on an angle to provide better acoustics for the space.
- The practice rooms are large enough for groups of 3-4 musicians to practice while having the best acoustical performance possible.
- The instrumental room provides ample storage for all instruments.
- The alternating, checkerboard pattern ceiling tiles in both rooms provides the best acoustical option in these spaces.

Visual Arts

- The roof monitors with baffles offer a way to present controlled natural light to the art classrooms. It is important when working on art projects to have the availability of natural lighting.
- The island sinks allow multiple students to clean up at one time. This efficient use of space creates more instructional classroom time since several students can clean up at the same time.
- The floors are natural, sealed concrete allowing for easy cleaning.

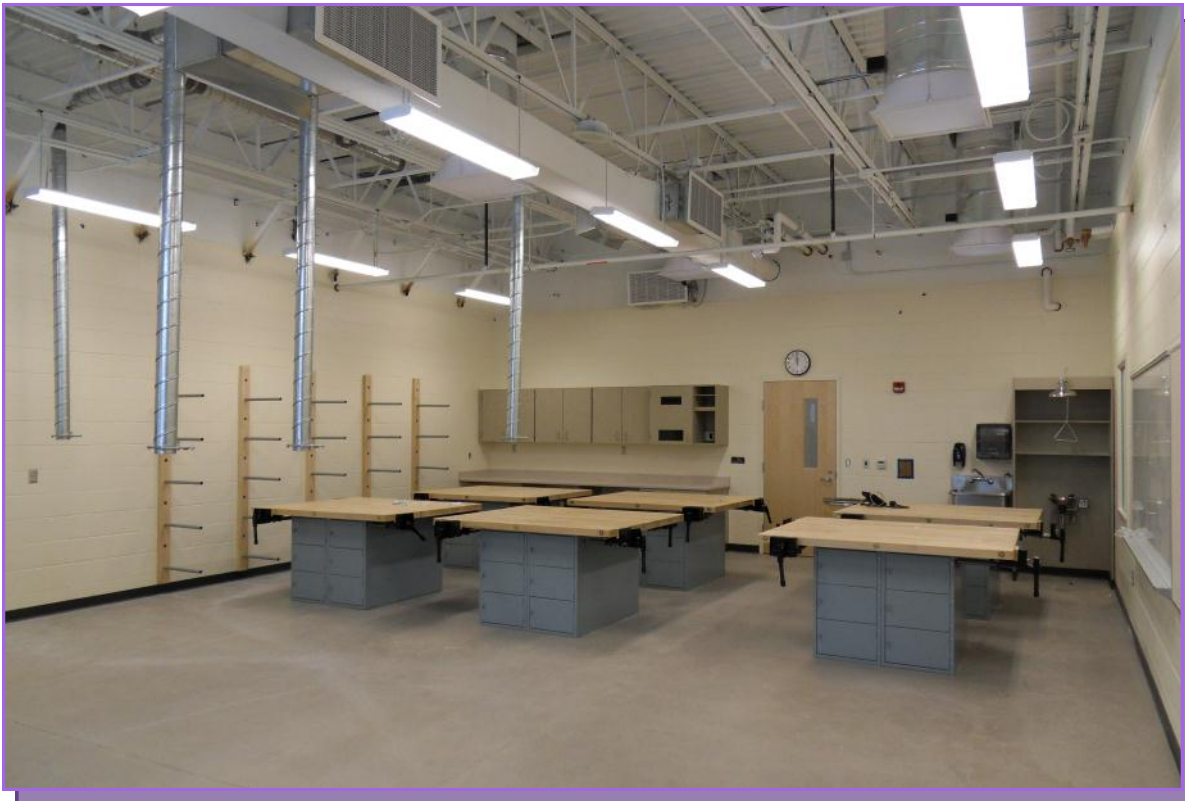


FREMONT MIDDLE SCHOOL

STUDENT ACTIVITIES CENTER

Engineering Technology

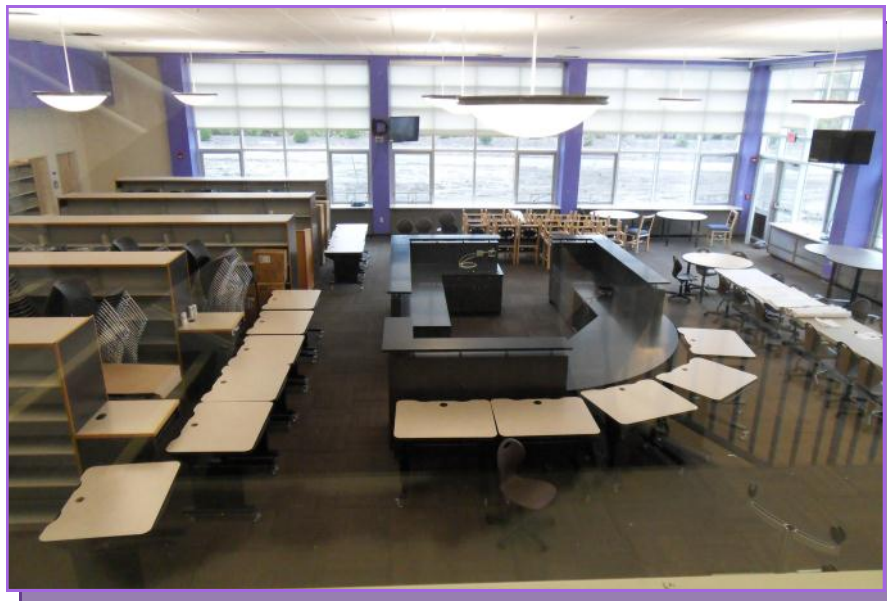
- This area of the building was designed into three areas: a CAD (Computer Aided Design) lab, a Production Lab and a Modular Technology Lab. Each lab focuses on a different form of engineering. In the CAD Lab students can learn how to draw objects using computer programs. In the Production Lab students can learn how to manufacture products. In the Modular Technology Lab students will be able to do computer simulations with robotics.
- The lighting systems in the technology rooms run through a daylighting control system that consists of a dimming control/relay panel in each room. The light fixtures and solar light tubes in each room are wired to this panel, which allows artificial (light fixtures) and natural lighting (light tubes) to be modulated to suit the level that the teacher prefers. Each light fixture is provided with dimming ballast and each light tube is provided with a motorized damper that opens and closes. Each room has a ceiling mounted photo-cell controller that will adjust the lighting levels inside as the natural daylight levels from outside rise and fall. An occupancy sensor is also provided as a means to shut-off the light fixtures when a room is unoccupied. There is a control switch by the doorway that will turn the light fixtures on and off and another switch at the teacher's station that will control the light fixtures and the light tubes, allowing the teachers total control of the light levels in their rooms.



FREMONT MIDDLE SCHOOL

MEDIA CENTER

- The media center was designed as a central area of the building. With windows throughout, visibility to the outside and into the rest of the building is optimized.
- Areas for computer learning, classroom learning and relaxed reading make the media center multi-functional.
- The media center shelving was designed to hold at least 10,000 books.
- The Media Center offers additional laptop computer options for research, academic assistance and on-line learning.
- The media center has a district purchased portable SMART Board.
- To enhance the wireless capabilities, 24 iPads will be utilized in both the Media Center and in classrooms throughout the building.
- The media center is equipped with floor-mounted displacement ventilation chilled beam units. These units work by providing outside air to the floor-mounted units, as well as hot water and chilled water.
- The tempered (heated or cooled) outside air enters the unit and induces room air through the hot water or chilled water coil. The air is then delivered to the media center at the appropriate temperature to heat or cool the space.
- The displacement aspect of the units means that the supply air is delivered to the space at the floor level and at a reduced temperature. The air will travel along the floor (in cooling mode) until it reaches a heat source (person or computer). The heat from that person or computer will heat the air and allow the air to rise to the ceiling, where it is removed from the space.
- This method will reduce the mixing of air and, therefore, the mixing of contaminants in the air.



FREMONT MIDDLE SCHOOL

MEDIA CENTER

Multi-Media Production Lab

- FMS Video Club members will be producing a daily news broadcast (video announcements) in this lab, which will be streamed to all the classrooms in the school.
- FMS Video Club members will be working as news anchors, directors, writers, camera operators, and producers for the news broadcast.
- The lab is capable of being not only a place to shoot video, but also a place to edit video.
- All the necessary equipment to edit video is contained in the lab:
 - Computers
 - Software
 - Editing bays
 - Cables
 - Monitors
- FMS students will also be using the Video Production Lab for curricular activities. For example, in Intermediate Computer Technology, students will earn credit by learning to:
 - Shoot video
 - Edit Video
 - Create stop motion movies
 - Record and mix audio
- Students can create work that could be used for publicity instead of hiring outside videographers to do so.



FREMONT MIDDLE SCHOOL

CLASSROOMS / EXTENDED LEARNING AREAS

- The academic portion of the building was designed for teams. Each grade level will have its own floor for core classes. Each floor is then divided into three team areas. Each team area has its own lockers and restrooms for student use. Some classrooms in each team area have operable walls that can be folded and slid to the side allowing classrooms to join spaces or open into the extended learning area.
- The extended learning areas were designed to be used for many purposes. They can also be used for group projects, group teaching or individually by a student who needs to make up a test or by a student who may need individual tutoring.
- Each extended learning area is equipped with a laptop charging station.
- The extended learning areas were also designed to provide a relaxed environment for the students to gather and relax when time allows.
- Large windows have been provided in each classroom to allow for optimal natural light to be provided to the students to create a better learning environment.
- Each classroom has an enhanced sound system that allows teachers to use microphones.
- A total of 55 district-purchased SMART Boards were installed in classrooms throughout the building.
- The students in Grades 6-8 will enhance their learning by utilizing laptop computers. A mobile laptop cart containing 30 notebooks has been purchased by the district for each grade level.
- Students also take a class called Computer Technology. This class can be taught in a computer classroom or the class can be taught in the extended learning area or regular classrooms. Mobile laptop carts are utilized in these classes.
- The district has purchased 24 iPads that can be utilized in both the Media Center and in classrooms throughout the building.
- The building is served by a digital media management system. Any teacher can access educational video clips and play them in their classroom through the video projector.
- The classrooms are equipped with chilled beam systems that operate in a similar fashion to the media center but are mounted in the ceiling in lieu of being floor mounted. Mounting the units in the ceiling versus the floor allows more space for student utilization in the classroom.
- The lighting systems in the extended learning areas are operated by a daylighting control system, which consists of a dimming control/relay panel in each room. The light fixtures and solar light tubes in each room are wired to this panel, allowing artificial (light fixtures) and natural lighting (light tubes) to be adjusted to suit the teacher's needs. Each light fixture is provided with dimming ballast and each light tube is provided with a motorized damper that opens and closes. Each room has a ceiling mounted photo-cell controller that will adjust the lighting levels inside as the natural daylight levels from outside rise and fall. An occupancy sensor is also provided as a means to shut-off the light fixtures when a room is unoccupied. There is a control switch by the doorway that will turn light fixtures on and off.
- All classroom lighting is similar to the extended learning areas but without solar light tubes.

FREMONT MIDDLE SCHOOL



Classrooms



Science Classroom

FREMONT MIDDLE SCHOOL

ACKNOWLEDGMENTS

The Fremont City Schools Board of Education and Superintendent extend our sincere appreciation to the following individuals and groups for their contributions to this project:

Fremont Community
Fremont American Legion, Thurston Zwir Post 121
Fremont Exchange Club
Mayor Terry Overmyer and City of Fremont Staff and Administration
Fremont City Council Members
Fremont Fire Department
Fremont Police Department
FCS Business Advisory Council
FCS Students, Faculty and Staff
Permanent Improvement/Bond Levy Committee
FMS Core Team
FMS Transition Team
FMS Program of Requirements Committee
FMS Design Team Committee
FMS HVAC Committee
FMS Sub Committees (Classroom Design, Interior Design, Kitchen, Traffic)
Ohio School Facilities Commission
Fanning/Howey
Touchstone CPM
Telamon Construction
Lake Erie Electric
Warner Mechanical
C.R.M., Inc.
Central Fire Protection, Inc.
Louis R. Polster Co.
Continental Office Environments
Tom Sexton & Associates
Microman
SecurCom, Inc.
Valley Electrical Consolidated, Inc.
Jude Bischoff
Pam Reithmeier
Beth Sage
Bella Cosa Floral Studio ~ Joe Wasserman
Croghan Colonial Bank
Crown Battery
Memorial Hospital
Shetzer Insurance Agency, Inc.
Terra Community College
The Mosser Group
Vanguard-Sentinel Career & Technology Centers

FREMONT MIDDLE SCHOOL



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Mission Statement

The mission of Fremont City Schools is to develop well-educated, life-long learners prepared to be responsible, productive and respectful members of their communities.



Fremont Middle School



Funded through a partnership with the
OHIO SCHOOL FACILITIES COMMISSION and the
TAXPAYERS of the FREMONT COMMUNITY.