



Farmington, Connecticut

EDUCATIONAL SPECIFICATIONS

for

Farmington High School

Adopted by the Farmington Board of Education on June 1, 2020

BOARD OF EDUCATION

Christine Arnold
William Beckert
Sylvie Binette
Kristi Brouker
Elizabeth Fitzsimmons
Sarah Healey
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Ellen Siuta
Andrea Sobinski

ADMINISTRATION

Kathleen C. Greider, *Superintendent*
Kimberly Wynne, *Assistant Superintendent
of Curriculum and Instruction*
Alicia Bowman, *Assistant Superintendent of
Finance and Operations*

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I. INTRODUCTION

On January 12, 2016 the Farmington Town Council appointed the Farmington High School Building Committee to oversee a formal review of the *Statement of Need*, prioritize those needs and develop a plan to address such needs. The Building Committee engaged Colliers International, Kaestle Boos Associations and Daniel Hansen, educational consultant, to develop these Educational Specifications in collaboration with the superintendent, district, and FHS administration and staff. The following individuals participated in specific program meetings to provide input for these educational specifications:

Tim Barron, Science teacher/Robotics coach	Kyle Bridgewater, Tech Ed teacher
Katie Buckley, Drama teacher	Martha Burr, Department Leader, Library
Jeri Chamberlain, Department Leader, World Languages	Jim Corrigan, Tech Ed teacher
Jose Fontanez, Chartwells	Evan Foreman, Audio-Visual Director
Kathleen Greider, Superintendent	Tim Harris, Director of School Facilities
Leslie Imse, Department Leader, Music	Lisa Karcinski, Assistant Principal
Vincent LaFontan, Business Administrator	Mary Lundquist, Dean of Students
Ed Manfredi, Department Leader, PE/Wellness	Andy Marshall, Technology
Margaret Mayr, Alternative School teacher	Vic Michaud, Head Custodian
Eric Misko, Athletic Trainer	Curt Pandiscio, Assistant Principal
Kristin Paye-Baker, School Nurse	Jack Phelan, Athletic Director
Caroline Presti, Math teacher	Nichole Richman, Dept. Leader, Social Studies
Abby Rohr, Department Leader, Special Education	Matthew Ross, Director of Technology
Veronica Ruzek, Director of Curriculum & Instruction	Julie Sawyer, Department Leader, Art
Rebecca Shomo, Department Leader, Science	Bill Silva, Principal
Laurie Singer, Director of Special Services	Brooke Stanziale, Dept. Leader, Counseling
Jessica Tolles, English teacher	Duane Witter, PE teacher/coach
Kimberly Wynne, Assistant Superintendent	Lori Wyrebek, Coordinator of Continuing Ed

The FHS building project referendum failed in June 2017. On January 28, 2019, the Farmington Board of Education approved a “*Statement of Need*” regarding the Farmington High School (FHS) renovation project in compliance with Farmington Town Code Section 53-2 and Connecticut Statutes 10-220. On February 13, 2019 the Farmington Town Council approved the BOE “*Statement of Need.*” In addition to the facility feasibility study and report conducted by Tecton, the newly established FHS Facility and Financial Ad Hoc Committee and FHS Community Survey Ad Hoc Committee reviewed the needs at FHS and presented these findings at a joint Town Council and Board of Education meeting on January 22, 2019. These review protocols included interviews with administration, faculty and students, multiple observations of existing conditions, age of equipment, facility, review of history of site, building and additions, analysis of energy efficiency and options for improvement. In addition to the Tecton study, existing and recent reports including those conducted by OCR and NEASC, as well as an Acoustic, Auditorium and School Safety Report were reviewed. Furthermore, the ad hoc committees reviewed survey data from town constituents, and the ongoing and unresolved issues facing Farmington High School as a facility and educational institution with requirements by various governing bodies.

On March 26, 2019 the Town Council appointed and charged a new Farmington High School Building Committee to complete a two part process. Part I of the charge included overseeing a formal review of the “*Statement of Need,*” prioritizing those needs, and engaging an owner’s representative and two architectural firms to develop a plan to address such needs in collaboration with the committee. The Building Committee engaged Construction Solutions Group, TSKP Studio and QA+M Architecture to develop these Educational Specifications in collaboration with the superintendent, district, and FHS administration and staff. On September 24, 2019 an overview and visioning session was conducted at Farmington High School. Participants included school and district leaders, FHSBC Chair, Meghan Guererra, as well as representatives from CSG, TSKP, and QA+M. On October 8, 2019 a meeting was held with FHS faculty and staff to review the charge, statement needs, and gather additional feedback. In addition to teachers, attendees at this meeting included school and district leaders, FHSBC Chair, Meghan Guererra, and representatives from CSG, TSKP, and QA+M. Additionally, CSG conducted in depth interviews and education specifications reviews on October 18, 2019 with school administrators, facilities personnel, department and program leaders to review educational specifications and update areas as needed from 2016.

The following Core Documents drive all of Farmington’s critical decision-making and planning on behalf of Farmington’s students. These documents capture the district’s values and beliefs about Teaching & Learning, and therefore have been critical in the development of these Educational Specifications for Farmington High School.

In 2010, the Farmington Board of Education adopted a set of visionary goals focused on core content knowledge as well as 21st century thinking and learning skills that would prepare all students for college, career, and citizenship in a complex global society. Farmington High School’s curriculum and instructional model has been designed to ensure that all students achieve this “Vision of the Farmington Graduate” through highly engaging, challenging, and meaningful learning experiences. Classrooms are active learning communities in which students work collaboratively and use technology as a tool for learning every day. Students are encouraged to demonstrate their learning using multiple modalities making exhibitions of student work for feedback and critique a core component of the high school program. Learning has become increasingly student-centered and inquiry-based K to 12 demanding a facility in which space is designed for self-direction, collaboration, and innovation. Farmington’s new logo and tagline, adopted in 2015, reflects the district’s continuous improvement efforts to prepare all students for their future as “Pioneers, Scholars, Contributors and Citizens.”

MISSION AND VISION

The mission of the Farmington Public Schools is to enable all students to achieve academic and personal excellence, exhibit persistent effort and live as resourceful, inquiring and contributing global citizens.

The Farmington Public Schools believe that all students are capable of acquiring the knowledge, skills and dispositions needed for productive, ethical and responsible citizenship in an evolving world community. As an innovative learning organization, the Farmington school district is deeply committed to continuous improvement. Thus, collaborative interactions among students, educators, parents, and families emphasize the importance of clear expectations, rigorous standards-led curriculum, inspired instruction, personal effort and engaged relationships leading to high levels of achievement for all learners.

VISION OF THE FARMINGTON GRADUATE

Farmington Graduates: Reaching Global Standards of Achievement, Leadership and Citizenship

Farmington Public Schools’ Graduates will acquire an understanding of the essential knowledge and skills in the core academic content* and develop the thinking and learning skills needed to meet the challenges of local, national and global citizenship in a rapidly changing world.

Critical Thinking and Reasoning: Students access, interpret, analyze, and evaluate ideas and information, draw evidence-based conclusions, synthesize new learning with prior knowledge, and reflect critically on learning.

Communication and Collaboration: Students participate effectively in a variety of teams, actively listen and respond to the ideas of others, share responsibility for outcomes, articulate ideas clearly in multiple formats and use technology tools to enhance communication.

Problem Solving and Innovation: Students identify problems, analyze data, ask questions, utilize a variety of resources, think flexibly, make connections and seek practical, innovative and entrepreneurial solutions to a variety of problems.

Self-direction and Resourcefulness: Students explore interests, take initiative, set goals, demonstrate persistent effort, adapt to change with resiliency, and exhibit ethical leadership and responsible citizenship.

**Farmington’s Core Academic Content Areas include English/Language Arts, Mathematics, Science, Social Studies, World Language, Health, Physical Education, Wellness, Music, Fine and Applied Arts.*

FRAMEWORK FOR TEACHING AND LEARNING

The Framework for Teaching and Learning (FTL) articulates five key research-based principles for highly effective student-centered instruction. The expanded FTL document clearly describes each principle as a set of explicit expectations for teachers and a companion set for students. These principles drive instructional improvement efforts across the district and are used as the basis for teacher evaluation.

Principle # 1: ACTIVE LEARNING COMMUNITY Students learn best when they have a sense of belonging to a positive learning community in which they have regular opportunities to work collaboratively.

Principle # 2: CHALLENGING EXPECTATIONS Students learn best when they understand performance expectations and are individually supported in meeting challenging standards.

Principle # 3: MEANINGFUL KNOWLEDGE Students learn best when they see content as meaningful and organized around big ideas and questions and can transfer learning to new contexts.

Principle # 4: PURPOSEFUL ENGAGEMENT Students learn best when they are actively engaged in authentic learning tasks and given opportunities to construct meaning and develop understanding.

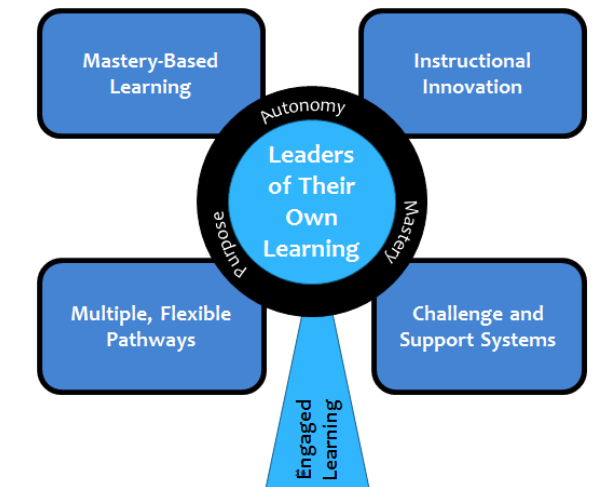
Principle # 5: INDIVIDUAL RESPONSIBILITY Students learn best when they make choices about and take responsibility for their own learning goals and progress.

FARMINGTON HIGH SCHOOL DESIGN TEAM

As a result of a 2012 yearlong study of research, data, and stakeholder feedback, a Farmington High School Design Team “think tank” comprised of students, teachers, administrators, parents and BOE members published a set of recommendations for the pervasive engagement of students throughout the high school. These recommendations will be used to inform future strategic planning as follows:

1. *Accelerate Instructional Innovation*
2. *Create Student-driven Learning Pathways*
3. *Redefine Graduation Standards*
4. *Bringing the World to the Student, Student to the World*
5. *Build a Continuum of Independence*
6. *Benchmark Against Global Standards*
7. *Make Achievement the Constant, Time the Variable*
8. *Design Space for Self-Direction and Collaboration*
9. *Make Learning Public*
10. *Leverage Technology as a Tool for Learning*

A Visual Representation of the High School's Theory of How to Engage All Learners



III. PROJECT RATIONALE

Farmington Public Schools consist of four (4) elementary schools serving students in grades K-4; one (1) upper elementary school serving students in grades 5-6; one middle school serving students in grades 7-8; and Farmington High School serving students in grades 9-12.

Local Space Needs:

Farmington High School is comprised of eight distinctly different “wings” or “buildings.” The original building was built in 1928 and the average age of the other wings is 50 years old. The February 2015 Tecton Facility Report identified multiple areas of need.

FARMINGTON HIGH SCHOOL STATEMENT OF NEED

1. The Farmington Board of Education has engaged in a comprehensive school feasibility study with TECTON that included multiple observations of existing conditions, age of equipment, facility, review of history of site, building and additions, analysis of energy efficiency and options for improvement, review of existing reports (OCR, NEASC, School Safety), focus groups with faculty, administration and students, assessment of education space needs and conceptual solutions to address needs.
2. Farmington High School’s existing square footage is 218,000 sf and with the 2019 enrollment projections from the Board of Education’s 2019 approved enrollment report requires 238,452 sf.
3. The FHS NEASC study summary highlights a need to improve travel distances for faculty and staff, improve circuitous and crowded corridors and intersecting/converging students and faculty, create informal collaboration spaces for students, faculty and staff, address building systems for a controllable interior environment and address accessibility to interior and exterior areas.
4. Several spaces at FHS do not meet ADA requirements as outlined by the OCR report issued in 2013-2014, including but not limited to the auditorium, stage, music instructional spaces, some classrooms, outdated chair lift in the weight room, media center, bathrooms, portions of the 2nd and 3rd floors of 1928 building, culinary space, and outdoor athletic facilities.
5. The FHS Safety and Security Study highlights accessibility issues (23 separate entry points to building), sight line issues, public/private use of building, inadequate interior and exterior lighting levels, building orientation difficulty and various issues around the multiple additions.
6. Farmington High School (FHS) has experienced several additions over many years, with an aging 1928 building in need of significant renovation as well as several additions with an inefficient building envelope impacting energy costs and efficiencies (insulation, façade, windows—except for 900 wing) as well as aging mechanical, electrical, plumbing, fire alarm and protection building systems not in code compliance.
7. Farmington High School system energy performance is lacking with a \$393,000 cost per year and in need of a “Green Design” (new or renovated MEP systems could save an average of 35% of annual costs or 140,000 per year—could realize a 45% savings depending upon solution).
8. The auditorium (poor acoustics), cafeteria, and library are undersized, impacting high school scheduling, educational programming as well as state and federal requirements on food services.
9. The additions have primarily addressed enrollment increases, but have resulted in a very large, inefficient facility footprint impacting not only energy costs, but security, insufficient student classroom space, a need for students to travel outside the building to travel to classes (696 students cross intersection between classes 9 times per day and 1070 feet from one side of the building to another), significant hallway congestion, inadequate use of space (30% unused space), a lack of space for robotics, lack of space for the whole school staff professional learning and collaboration as well as constraints on educational programming for students.
10. With current and emerging educational requirements and demands on comprehensive high schools, FHS is in need of an efficient, functional, flexible learning facility that meets state and federal requirements and serves the diverse needs of all students.
11. The current parking is inadequate and requires expansion to accommodate the school and public use of Farmington High School’s building.

The Board, therefore, directs administration to begin planning a renovation of appropriate and necessary school space at Farmington High School to accommodate new MEP needs, educational programming needs, Connecticut school safety expectations, NEASC standards and OCR/ADA regulations not currently being addressed in their entirety:

- Increase square footage aligned to enrollment projections (see #2 above)
- Maximize square footage for educational programming (see #3, #9, #10)
- Create multiple levels to the building to address inefficient sprawl and “maze” like building to increase classroom space, space for robotics and other current and emerging learning spaces (see #3, #9, #10, and #11)
- Undersized auditorium (acoustic issues), stage cafeteria and media center (see #8)
- Address multiple ADA compliance issues (see #4)
- Address Mechanical, Equipment and Piping (MEP) code compliance issues (see #3, #6, #7)
- Address Security compliance issues (see #5)
- Address overcrowded Town Hall office space as well as off-site Farmington Alternative High School space needs (#9)

LEARNING SPACES OF TOMORROW:

The following design qualities emerged as essential elements of the ideal learning environment:

Collaboration---Technology----Engagement Sustainability

1. Light – open spaces, visibility, connection to the outdoors, and natural light;
2. Flexibility – furniture and spaces that are multi-purpose, adaptable, moveable;
3. Independence – space that fosters persistence, self-direction, choice and curiosity;
4. Collaboration – places where students can interact and spontaneously work together, share ideas and work products
5. Reflection – furniture and spaces that offer quiet places for contemplation and introspection;
6. Creativity – a technology rich, imagination rich environment to foster a maker mindset;
7. Exhibition – public places for work in progress and final products to be displayed and presented for feedback and critique;
and
8. Relationships– a school that is safe, warm, welcoming and nurturing of all learners These design qualities may be used to guide our thinking as we look forward into the future of our school facilities here in Farmington.

Educational Needs:

Farmington’s Core Documents have driven the programming meetings, which provided valuable input to these educational specifications. These specifications seek to provide educational spaces that function at a variety of scales and that create a sense of belonging for all students and staff with regular opportunities to work collaboratively. The intent is to “make every aspect of the school environment available for learning, blurring the edges between the various instructional spaces.” [*Facilities for 21st Century Learning*”; DoDEA]

The Farmington High School organizational structure offers students a wide variety of challenging, meaningful opportunities allowing for choice and personal responsibility. A critical component to the high school’s organizational structure is the 9-period daily schedule. This schedule provides the opportunity for students to take a wide variety of courses. This schedule also reduces scheduling conflicts, maximizes the use of instructional spaces, and allows for smaller class sizes. Most importantly, the 9-period day allows for all teachers to meet in collaborative teacher teams twice weekly for each course they teach. This is the highest leverage strategy for ensuring quality of curriculum, instruction, and assessment.

The future Farmington High School facility is envisioned to be used as a learning resource for curriculum, instruction and programming. Various learning kiosks, both stationary and movable, will be stationed around the facility to engage students and staff with current, relevant data about their school environment.

Programmatic changes within the proposed facility:

The new Farmington High School will be organized into six (6) Learning Communities. Each Learning Community will be flexible to be interdisciplinary and multi-aged or segregated by content area. The current media center program will be conceptually transformed as a Media Center Learning Commons, which will be the “heart” of the school with multiple spaces that encourage students and staff to explore resources and work collaboratively or independently.

These specifications offer space for a new culinary arts program, a black box theater, and on-site space for robotics and the Farmington Alternative High School Program. A companion Educational Specifications document addresses the space needs for the Central Offices, which will occupy space within the Farmington High School campus facility and thereby alleviate overcrowded spaces at the Town Hall.

IV. THE PROJECT

Objective: To ensure all Farmington children are able to attend a school that is safe, modern, compliant with current building codes and able to support their educational program; to address issues identified in the *Statement of Need*.

The following project specifications for the new Farmington High School were developed using data from the March 2019 population study conducted by Dr. Peter M. Prowda.

School: Farmington High School

- Project Type: TBD
 - o Total Program Area: **174,808** square feet
 - o Total Building Services: **63,644** square feet
 - o Total Building Area (inside face of walls): **238,452** square feet
 - o Total Gross Square Feet (outside face of walls): **264,682** square feet
- Design Enrollment: **1,404** students
- Anticipated Referendum: October, 2020 (Specific Date TBD)
- Construction Timeline: TBD depending on project type determined

V. ENROLLMENT AND CAPACITY DATA

Farmington High School currently houses 1,250 students in grades 9 – 12. The design enrollment for this project is 1,404 students; the maximum eight-year projected enrollment. The enrollment also accounts for relocating approximately fifteen (15) students who participate in the Farmington Alternative High School program from an off- site location to on site.

VI. OVERVIEW OF PROGRAMS

Farmington High School students are required to earn 25 credits in order to graduate. Each student must complete specific courses, as well as electives in order to graduate. The required credit distribution is listed below:

Department	Minimum Credit Requirement
Humanities	9 Credits
Science, Technology, Engineering, Mathematics (STEM)	9 Credits
Physical Education & Wellness, Health & Safety	2 Credits
World Languages	1 Credit
	Passing the Farmington Language Standard Test (FLST) is required for graduation.

Vision of the Graduate Learning Experience	1 Credit
Electives	3 Credits

FARMINGTON HIGH SCHOOL PROGRAM OF STUDIES

Art & Technology – The Fine and Applied Arts

The mission of the Farmington High School Fine and Applied Arts Department is to prepare students to become creative and innovative thinkers, confident in creating unique personal art and design in highly competitive real-world applications, with an awareness of contemporary visual culture and media, and a deep appreciation of contemporary, historical and global art and design. To support this mission, the department provides a rigorous and relevant curriculum that prepares students for the contemporary challenges and opportunities of post-secondary fine art programs, and the real-world design applications found in careers in the applied arts. These programs require laboratory and classroom spaces that are spacious enough to allow for collaborative work and production, each with specialized materials, equipment and storage.

Business Education

Business Education courses provide students with the skills necessary to be successful in the workplace. Courses are designed to challenge students to develop their critical thinking skills and to become self-directed learners. Students learn to navigate the relationship between consumers, workers, and citizens with an emphasis on collaboration. Students apply their acquired knowledge by engaging in activities that incorporate technology and focus on innovation and problem solving. A variety of courses are offered which provide a wide range of business topics to all students.

Culinary Arts

A new addition to the Program of Studies will be a Culinary Arts program. The Culinary Arts program space will be designed to provide an opportunity for a broad range of teaching and learning experiences. This facility will be totally self-sustaining without dependence upon outside commissary operations. The Kitchen will be designed to provide a teaching atmosphere as well as requiring storage, production and some serving facilities. This space shall accommodate instructor(s) and approximately ten to fifteen (10-15) students per class session.

English

Aligned with Connecticut Core Standards, the Farmington High School English department program emphasizes the reciprocal nature of reading and writing and strives to fulfill the Farmington Public Schools goal that all students will demonstrate performance standards in critical thinking and reasoning and meet rigorous core academic content standards by accessing, interpreting, analyzing, and evaluating ideas and information, drawing evidence-based conclusions, synthesizing new learning with prior knowledge, and reflecting critically on learning. The department’s mission is to prepare students to live meaningful lives as productive and literate citizens. To realize this mission, the department offers a rigorous and relevant curriculum that provides students with multiple and varied opportunities to read, analyze, and critique quality texts; develop the processes, traits, and craft of writing; contribute to civil discourse; and engage in individual and collaborative inquiry into the habits of effective readers and writers and the elements of quality texts. Classrooms need to be spacious enough to allow for flexible adjustment of furniture to support collaborative as well as independent work.

Mathematics

Critical thinking, analyzing, reasoning, problem solving, modeling, and communication are essential skills that are developed through the study of mathematics at the secondary level. Whether plans for the future lead toward a four-year college, a two-year college, or directly to the working world, a strong foundation in mathematics is crucial to achieving these goals. The Farmington High School Mathematics Program allows students to explore theoretical concepts of higher-level mathematics while also finding and applying concepts in the world around them. Students are encouraged to focus on successful completion of the required three years of mathematics in addition to including a senior math elective in their high school experience in order to be college and career ready. Classrooms need to be spacious enough to allow for flexible adjustment of furniture to support collaborative as well as independent work.

Music

The mission of the Farmington High School Music Department is to improve students' abilities to communicate independently through the musical processes of performing, creating, and responding in a variety of genre and audiences. These acquired skills are apparent in reading, notating, analyzing, and evaluating music. The intent is to prepare students to become citizens who participate fully in a diverse, global society and who understand their own historical and cultural heritage and those of others, within and beyond their communities, through music. To realize this mission, the department offers a rigorous, relevant curriculum that provides students with multiple and varied opportunities to perform high quality music literature that stimulates the musical processes of creating, performing, and responding. Students analyze, question, and evaluate ideas within the musical works, assume partnership and leadership roles in the classroom and community, engage in collaborative and individual inquiry into the elements of high-quality texts developing the habits of thinking musicians. The music programs and performing arts require spaces that are large enough to accommodate rehearsals and performances for up to 150 students at a time. The auditorium, stage, and Studio Theatre are used as both instructional "classroom" spaces as well as for performance venues for various audiences.

Science

Farmington High School's science program actively engages students in the practices of science and engineering to develop student's understanding of the disciplinary core ideas and crosscutting concepts. As a result, students develop the thinking skills required to be critical consumers of scientific information related to their everyday lives, engage in public discussions on science-related issues, and continue to learn about science throughout their lives. The Department's mission is to prepare students to live meaningful lives as productive and scientifically literate citizens who are prepared to meet the expectations in college and careers by becoming critical thinkers, collaborators, communicators, problem-solvers, and innovators while demonstrating self-direction and resourcefulness. The Department's curriculum is aligned to the Common Core State Standards, English Language Arts: Science and Technical Subjects, and the Next Generation Science Standards. Students learn how to determine the central ideas of a technical text, follow precisely a complex procedure when carrying out experiments, analyze the relationships among key scientific terms and compare and contrast findings presented in a text to those from other sources, including their own experiments. Science classrooms are a combination of instructional space and laboratory space, allowing for hands-on exploration, experimentation, and collaboration. Additional space is required for lab preparation and storage of lab materials.

Project Lead the Way

This is a sequence of courses which, when combined with mathematics and science courses, introduces students to the rigor and discipline of engineering. Those intending to pursue further formal education will benefit greatly from the knowledge and logical thought processes that result from taking some or all of the courses provided in this curriculum. Classrooms need to be spacious enough to allow for flexible adjustment of furniture to support collaborative as well as independent work.

Social Studies

Courses in history and social studies emphasize the essential core understandings and skills necessary in order to function as an effective citizen in a democratic society and a globally interdependent world. Students are encouraged to work beyond the required credits to expand and deepen their core knowledge of our nation's heritage, to understand other cultures, and to acquire important social science concepts and life skills. Three and a half credits in social studies are required for graduation. Classrooms need to be spacious enough to allow for flexible adjustment of furniture to support collaborative as well as independent work.

Wellness (Health and Physical Education)

Physical and Health Education are an integral part of the total education program, and together, work to promote and empower individual student wellness. The goal of the physical education component to the wellness curriculum is the development of competence, confidence and persistence as it relates to educating students in, about and through movement to promote physical activity for a lifetime. The health component to the wellness curriculum is designed to develop a student's health literacy by increasing their skills, knowledge and understanding of the factors and choices that promote healthy and balanced living. The wellness curriculum is aligned with the Farmington Public Schools "Vision of the Graduate" by giving students the opportunity to focus on the process of wellness in relationship to their own lives and their emerging autonomy, and to help students meet the physical, emotional and cognitive demands of a healthy and balanced life through college and career. A significant amount of space is required to support the scope of Physical Education, Health and Athletic programs. 16,000 s.f. is designated for gymnasium programs, with consideration for the inclusion of a motorized moveable partition to separate the main gym area from the auxiliary gym. Additional space is allocated for training and weight rooms, offices, and locker rooms. In addition, the existing tennis courts, baseball and softball fields, which are impacted by the proposed location of the new facility, shall be replaced in kind, provided allowable area permits. The existing "upper fields" currently used for practice shall remain unchanged with the exception

of improved ADA access.

World Languages

The mission of the Farmington World Language Program is for students to communicate in another language, understand and appreciate cultural differences, and participate in, and contribute to, a global society. Through the study of a world language, students become culturally and linguistically competent and they develop an understanding of how language-learning is an asset to their personal and professional lives. Graduates of Farmington High School achieve a level of communicative proficiency in the language of study that enables them to interact and collaborate effectively with native speakers. World language classrooms need to be spacious enough to allow for flexible adjustment of furniture to support collaborative as well as independent work.

ALTERNATIVE HIGH SCHOOL

The Farmington Alternative High School (FAHS) is an individualized alternative educational program that provides students with a small school setting and individualized instruction that aligns to the mission and vision of Farmington High School. FAHS is a two-year alternative learning option wherein students study the core academics and engage in vocational, technological and job readiness skills. All FAHS students are expected to average at least 8 hours per week in a paying job or internship experience. Enrollment in FAHS requires an application, an interview and parental consent. These Educational Specifications provide for bringing the FAHS program on site for the new high school facility. This program, although on site, will require its own dedicated space with a separate entrance, office area, and classroom spaces.

SPECIAL EDUCATION

Farmington High School houses three (3) programs to meet the needs of students with significant disabilities: The Specialized Learning Center (SLC) for students with multiple disabilities; the STEP program for students with emotional disabilities; and the SAILS program for students with autism. These programs are self-contained and require specialized spaces to meet the particular needs of the students enrolled. Additionally, students with special needs who are participating in the mainstream classroom programs may receive Special Education Resource support, Speech/Language/Hearing, Social Work, Psychological, and/or Occupational/Physical Therapy services. Each of these programs require classroom spaces that allow for small group or individual instruction and that will accommodate students with adaptive equipment. Special Education and Special Services programs also require spaces for individualized testing, counseling, and confidential meetings with parents, students and staff.

MEDIA CENTER LEARNING COMMONS

The *Media Center Learning Commons* will serve as a contemporary space for what was formerly referred to as a Library/Media Center. The Media Center Learning Commons will be the “heart” of the new Farmington High School and will serve as a resource center and gathering space for students and staff to explore, investigate, research, study, and collaborate. The Media Center Learning Commons will include a circulation center where students can check out materials, and a variety of spaces for students to work either independently or within small groups. The Media Center Learning Commons will include a café space where students can work and eat, as well as an amphitheater for presentations. A multimedia production lab, a classroom and an application lab will also be connected to the Learning Commons. As the central hub of the school, the Media Center Learning Commons should be bright, colorful, attractive and inviting to all.

TECHNOLOGY

A contemporary comprehensive high school must be able to support the wide and varied use of technology. The school’s infrastructure needs to reflect the latest in wiring and cabling, which would support current technology applications as well as future requirements. Internet access must be readily and reliably available throughout the school. Computers should support the full range of educational and operational functions within the school. A multimedia production lab and main server room will be located within the Media Center Learning Commons. Wiring within classrooms will include wired network drops and multiple electrical outlets. Classrooms will include the latest in display technology, utilizing interactive LED screens and wall mounted instructor stations. The facility will have wireless connectivity throughout using the latest standard in wireless to support the use of mobile technology. Each classroom will be equipped to support up to 50 wireless devices.

ADMINISTRATION AND SUPPORT SERVICES

Administration and Support Services include program space for the Main Office, Principal's Office, offices for two Assistant Principals and one (1) Dean of Students, and a conference room. Also, within the Main Office area will be space for Attendance, Data, and Security services. As the point of entry to the school, this area should be attractive and welcoming and set the tone for a positive first impression of Farmington High School.

Adjacent to the Main Office area will be the School Counseling program offices and instructional spaces, as well as offices for Social Worker and Psychologist services. These program services will be accessible via their own entrance from the main corridor and waiting area. Counselors provide developmental counseling lessons that focus primarily on career exploration, planning and decision-making. Students have the opportunity to discover and reflect upon their values, interests and aptitudes as well as investigate various career clusters and post-secondary opportunities. The Career Center, located within the School Counseling program area, provides a range of opportunities for students to learn and apply their skills in real-world settings. It connects them with mentors in the workplace who can guide them as they begin to think about higher education and future careers. These experiences give Farmington High School students a competitive advantage as they apply to college and prepare for careers and leadership roles in the community.

Also, within the Administration and Support Services programs is the Health Clinic, which serves the needs of students and staff alike. The Health Clinic should be in close proximity to the main entrance, Main Office and Attendance services. The Health Clinic should have access to natural light and fresh air as much as is practical.

VII. CENTRAL OFFICE ADMINISTRATION

The Central Office for the Farmington Public Schools may be housed within the Farmington High School facility, specifically the current "900 wing" of the building constructed in 2003. Central office includes office spaces for the superintendent of schools, two assistant superintendents, director of special services, director of curriculum, director of technology, human resources coordinator, finance manager, and payroll supervisor. The superintendent and the Central Office administration are responsible for budgeting and business operations, facilities management, technology systems, human resources, special education, continuing education and high-quality teaching and learning district wide. In addition to the proposed use of the 900 wing the balance of space not utilized by Central Office is to be used as a Field House to support the various athletic activities of the High School athletic program. The Field House spaces and program will be detailed in a separate and dedicated educational specifications document.

Building-based administrators meet regularly with the Central Office administration and therefore there is a need for conference space for groups of twenty-five to thirty. The specifications for this program space are detailed in a companion document entitled, "Educational Specifications for Farmington Public Schools Central Office Administration." The Farmington High School Facility Project and the Central Office Facility Project shall run concurrently.

VIII. PROGRAM SPECIFICATIONS – Detailed Description

ACADEMIC CORE PROGRAMS

Unless otherwise noted, the standard furnishings for every classroom noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 50 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

CLASSROOMS – GRADES 9 – 12	
SPACE: 810 square feet (each)	
NUMBER: TOTAL: Forty-six (46) classrooms	
Furniture & Equipment	<ul style="list-style-type: none"> • Comfortable chairs/desks/tables to accommodate up to twenty-four (24) students (flexible/adaptable/easily movable work stations) • Teacher desk/chair (possibly built in to counter area to save space) • Collaboration table with chairs • Bookshelves
Storage	<ul style="list-style-type: none"> • Built-in counters with shelving below around perimeter of the room • Counters to showcase student work and/or allow for standing collaborative work • Secured storage for materials
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Document Camera • Interactive LED Panel (at least 75”) • Wall/ceiling mounted speakers • Consider other innovative projection devices for collaborative work
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy movement of furniture • Walls should be functional work spaces and for showcasing student work
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboards (wall-to-wall) on front and side walls • Rolling whiteboards • Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> • Closed deep display cases in Learning Community corridors
Classroom Technology – Students (<i>each classroom</i>)	<ul style="list-style-type: none"> • One (1) Chromebook cart with 30 Chromebooks • Charging station for cart • The two (2) Business Ed classrooms need computer technology that supports the course software
Classroom Technology - Teacher (<i>each classroom</i>)	<ul style="list-style-type: none"> • One (1) wall mounted teacher computer • 22-inch display • DVD/Blu-ray • Wireless keyboard/mouse • Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> • Consider design that would allow instruction to be visible from hallway • Moveable walls within two (2) classrooms in each of the six (6) Learning Communities to allow for flexible use of space

SCIENCE CLASSROOM LAB – BIOLOGY	
SPACE: 1,200 square feet (each classroom)	
NUMBER: Four (4) classrooms	
Furniture & Equipment	<ul style="list-style-type: none"> • Comfortable chairs/lab tables to accommodate up to twenty-four (24) students (flexible/adaptable/easily movable work stations; tables that can be locked in place) • Teacher desk/chair (possibly built in to counter area to save space)
Storage	<ul style="list-style-type: none"> • Built-in counters on one wall with adjustable shelving below • Secured storage for science materials and equipment • Project storage for student work
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Document Camera • Interactive LED Panel (at least 75”) • Wall/ceiling mounted speakers • Consider other innovative projection devices for collaborative work

SCIENCE CLASSROOM LAB – BIOLOGY	
Utility Requirements	<ul style="list-style-type: none"> ● Sink, soap, towel dispenser ● Retractable, overhead electrical outlets ● Laminar Flow hood ● Waste disposal
Safety Requirements	<ul style="list-style-type: none"> ● Personal protective equipment (PPE) cabinet, ● Appropriate combustion class fire extinguishers ● Eye wash and emergency showers where applicable ● Lab stations, sinks, fume hoods, stationary power equipment, etc. To meet accessibility standards ● Per OSHA workplace standards
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile or flooring that allows for easy movement of furniture ● Walls should be functional work spaces and for showcasing student work
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards (wall-to-wall) on front and side walls ● Rolling whiteboards ● Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> ● Closed deep display case in Learning Community corridor
Classroom Technology – Students (<i>each classroom</i>)	<ul style="list-style-type: none"> ● One (1) Chromebook cart with 30 Chromebooks ● Charging station for cart
Classroom Technology - Teacher (<i>each classroom</i>)	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> ● Consider design that would allow instruction to be visible from hallway ● Adjacent to science prep room ● Consider Jackson Lab Open Layout as a reference

SCIENCE CLASSROOM LAB – CHEMISTRY	
SPACE: 1,200 square feet (each classroom)	
NUMBER: Four (4) classrooms	
Furniture & Equipment	<ul style="list-style-type: none"> ● Comfortable chairs/lab tables to accommodate up to twenty-four (24) students (flexible/adaptable/easily movable work stations; tables that can be locked in place and appropriate for students standing work at tables) ● Teacher desk/chair (possibly built in to counter area to save space)
Storage	<ul style="list-style-type: none"> ● Built-in counters on one wall with adjustable shelving below ● Secured storage for materials and equipment
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> ● Sink, soap, towel dispenser ● Retractable, overhead electrical outlets ● Exhaust hood ● Waste disposal ● Waste water neutralization system ● Separate heat recovery units to compensate for independent ventilation

SCIENCE CLASSROOM LAB – CHEMISTRY	
Safety Requirements	<ul style="list-style-type: none"> ● Personal protective equipment (PPE) cabinet, ● Appropriate combustion class fire extinguishers ● Eye wash and emergency showers where applicable ● Lab stations, sinks, fume hoods, stationary power equipment, etc. To meet accessibility standards ● Per OSHA workplace standards
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile or flooring that allows for easy movement of furniture ● Walls should be functional work spaces and for showcasing student work
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards (wall-to-wall) on front and side walls ● Rolling whiteboards ● Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> ● Closed deep display case in Learning Community corridor
Classroom Technology – Students (<i>each classroom</i>)	<ul style="list-style-type: none"> ● One (1) Chromebook cart with 30 Chromebooks ● Charging station for cart
Classroom Technology - Teacher (<i>each classroom</i>)	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> ● Consider design that would allow instruction to be visible from hallway ● Adjacent to science prep room ● Consider Jackson Lab Open Layout as a reference

SCIENCE CLASSROOM LAB – ENGINEERING	
SPACE: 1,000 square feet (each classroom)	
NUMBER: One (1) classroom	
Furniture & Equipment	<ul style="list-style-type: none"> ● Chairs/lab tables to accommodate up to twenty-four (24) students (flexible/adaptable/easily movable work stations; tables that can be locked in place) ● Teacher desk/chair (possibly built in to counter area to save space) ● 3D printer with associated counter space for dedicated desktop ● CNC machine ● Robotic arm (donated)
Storage	<ul style="list-style-type: none"> ● Built-in counters on one wall with adjustable shelving below ● Secured storage for materials and equipment
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> ● Sink, soap, towel dispenser ● Retractable, overhead electrical outlets ● Compressed air delivery system for tools ● Hood exhaust systems where appropriate for stationary machinery ● Adequate electrical service for specialty machinery with emergency stops as required

SCIENCE CLASSROOM LAB – ENGINEERING	
Safety Requirements	<ul style="list-style-type: none"> ● Personal protective equipment (PPE) cabinet, ● Appropriate combustion class fire extinguishers ● Eye wash and emergency showers where applicable ● Lab stations, sinks, fume hoods, stationary power equipment, etc. To meet accessibility standards ● Per OSHA workplace standards
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile or flooring that allows for easy movement of furniture ● Walls should be functional work spaces and for showcasing student work
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards (wall-to-wall) on front and side walls ● Rolling whiteboards ● Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> ● Closed deep display case in Learning Community corridor
Classroom Technology – Students	<ul style="list-style-type: none"> ● One (1) mobile device cart ● Charging station for cart
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> ● Consider design that would allow instruction to be visible from hallway ● Adjacent to science prep room ● Consider Jackson Lab Open Layout as a reference ● Engineering Classroom to be adjacent to Applied Arts Classrooms and the Engineering/Maker Space Application Lab

SCIENCE CLASSROOM LAB – GENERAL SCIENCE/PHYSICS	
SPACE: 1,200 square feet (each classroom)	
NUMBER: Four (4) classrooms	
Furniture & Equipment	<ul style="list-style-type: none"> ● Chairs/lab tables to accommodate up to twenty-four (24) students (flexible/adaptable/easily movable work stations; tables that can be locked in place) ● Teacher desk/chair (possibly built in to counter area to save space)
Storage	<ul style="list-style-type: none"> ● Built-in counters on one wall with adjustable shelving below ● Secured storage for materials and equipment
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> ● Sink, soap, towel dispenser ● Retractable, overhead electrical outlets
Safety Requirements	<ul style="list-style-type: none"> ● Personal protective equipment (PPE) cabinet, ● Appropriate combustion class fire extinguishers ● Eye wash and emergency showers where applicable ● Lab stations, sinks, fume hoods, stationary power equipment, etc. To meet accessibility standards ● Per OSHA workplace standards
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile or flooring that allows for easy movement of furniture ● Walls should be functional work spaces and for showcasing student work

SCIENCE CLASSROOM LAB – GENERAL SCIENCE/PHYSICS	
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboards (wall-to-wall) on front and side walls • Rolling whiteboards • Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> • Closed deep display case in Learning Community corridor
Classroom Technology – Students (each classroom)	<ul style="list-style-type: none"> • One (1) Chromebook cart with 30 Chromebooks • Charging station for cart
Classroom Technology - Teacher (each classroom)	<ul style="list-style-type: none"> • One (1) wall mounted teacher computer • 22-inch display • DVD/Blu-ray • Wireless keyboard/mouse • Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> • Consider design that would allow instruction to be visible from hallway • Adjacent to science prep room • Consider Jackson Lab Open Layout as a reference

SCIENCE PREP WORKROOMS	
SPACE: 300 square feet (each workroom)	
NUMBER: Six (6) workrooms	
Furniture & Equipment	<ul style="list-style-type: none"> • Tables for lab prep
Storage	<ul style="list-style-type: none"> • Built-in counters with shelving above and below around perimeter of the room • Secured storage for materials • Chemistry prep workrooms requires storage for chemicals; a separate and secure storage closet for flammables
Utility Requirements	<ul style="list-style-type: none"> • Sink with soap and towel dispenser • Refrigerator • Multiple electrical outlets
Safety Requirements	<ul style="list-style-type: none"> • Per OSHA workplace standards
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy cleanup
Boards	<ul style="list-style-type: none"> • White board • Bulletin board
Other Requirements	<ul style="list-style-type: none"> • One workroom within each of the six Learning Communities adjacent to the two science classroom labs

APPLICATION LAB – GRADES 9 - 12	
SPACE: 1,000 square feet Computer Science, 800 square Feet Engineering Maker Space	
NUMBER: Two (2) labs: Computer Science, Engineering Maker Space	
Furniture & Equipment	<ul style="list-style-type: none"> • Computer Science: <ul style="list-style-type: none"> • Computer tables/workstations for 24 students with desktop computers around perimeter of classroom • Student chairs • Tables for collaboration in center of room
	<ul style="list-style-type: none"> • Engineering Maker Space: <ul style="list-style-type: none"> • Student tables and chairs • Mobile device cart and charging station

APPLICATION LAB – GRADES 9 - 12	
Storage	<ul style="list-style-type: none"> ● Built-in counters with shelving below around perimeter of the room ● Counters to showcase student work and/or allow for standing collaborative work ● Secured storage for materials
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75”) ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> ● Ample electrical outlets ● Recharging stations for cordless power tools
Safety Requirements	<ul style="list-style-type: none"> ● Personal protective equipment (PPE) cabinet, ● Appropriate combustion class fire extinguishers ● Eye wash and emergency showers where applicable ● Lab stations, sinks, fume hoods, stationary power equipment, etc. To meet accessibility standards ● Per OSHA workplace standards
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile or flooring that allows for easy movement of furniture
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards (wall-to-wall) on front and side walls ● Rolling whiteboards ● Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> ● Closed deep display case in Learning Community corridor
Classroom Technology – Students	<ul style="list-style-type: none"> ● See Furniture and Equipment above
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer

BREAKOUT AREAS/COMMONS	
SPACE: 1,200 square feet (each)	
NUMBER: Six (6)	
Furniture & Equipment	<ul style="list-style-type: none"> ● Comfortable, movable student furniture for informal small group collaborative work
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (32-50” display) ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> ● Electrical outlets
Safety Requirements	<ul style="list-style-type: none"> ● N/A
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting ● Walls should be functional work spaces and for showcasing student work
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards
Display/Storage of Student Work	<ul style="list-style-type: none"> ● Closed deep display case in Learning Community corridor
Classroom Technology - Students	<ul style="list-style-type: none"> ● Wi-Fi access ● Aux ports for plugging into display
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● Wi-Fi access
Other Requirements	<ul style="list-style-type: none"> ● One breakout area within each of the six Learning Communities

SMALL GROUP ROOM/WORK AREA	
<p>SPACE: 400 square feet; each space to accommodate small groups of four to six students 150 square feet; each space to accommodate small groups of two to three students</p> <p>NUMBER: Six (6) rooms @ 150 square feet Nine (9) rooms @ 400 square feet</p>	
Furniture & Equipment	<ul style="list-style-type: none"> • Comfortable chairs/desks/tables to accommodate two to six students (flexible/adaptable/easily movable work stations) • Teacher chair • Bookshelves
Storage	<ul style="list-style-type: none"> • Built-in counters with shelving below around perimeter of the room
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Document Camera • Interactive LED Panel (32-50" display)
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy movement of furniture
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboards • Bulletin boards lining the back wall
Other Requirements	<ul style="list-style-type: none"> • One (1) 150 SF room and one (1) 400 SF room within each of the six Learning Communities • One (1) 400 SF room located between each learning community to be used for general education tutorial/intervention services (SRBI)

TEACHER PREP WORKROOM/COPY	
<p>SPACE: 900 square feet (each workroom) 60 square feet (each staff restroom)</p> <p>NUMBER: Six (6) workrooms Twelve (12) staff restrooms</p>	
Furniture & Equipment	<ul style="list-style-type: none"> • Comfortable chairs/desks to accommodate up to 16 teacher work stations • Tables for collaborative work • Bookshelves
Storage	<ul style="list-style-type: none"> • Lockable teacher storage wardrobes; one (1) for each teacher • One (1) lockable four-drawer filing cabinet for each teacher • Built-in counters with shelving below around perimeter of the room • Secured storage for teacher materials
Utility Requirements	<ul style="list-style-type: none"> • Kitchenette with sink and cabinetry • Microwave • Coffee maker • Refrigerator • Network copier/fax machine
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy movement of furniture
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboards • Bulletin boards
Classroom Technology - Teacher	<ul style="list-style-type: none"> • One (1) computer per teacher
Other Requirements	<ul style="list-style-type: none"> • One workroom within each of the six Learning Communities • Two (2) staff restrooms in close proximity to each workroom

INSTRUCTIONAL MATERIALS STORAGE	
SPACE: 200 square feet (each)	
NUMBER: Eight (8)	
Storage	<ul style="list-style-type: none"> • Appropriate shelving to accommodate instructional materials
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile
Other Requirements	<ul style="list-style-type: none"> • One storage room within each of the six Learning Communities

SPECIAL EDUCATION PROGRAMS AND SPECIAL SERVICES

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 50 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

SELF-CONTAINED CLASSROOM – SPECIALIZED LEARNING CENTER (SLC)	
<p>SPACE: 1,100 square feet (1 classroom) 900 square feet (1 classroom) 100 square feet SLC equipment storage room</p> <p>NUMBER: Total: Two (2) classrooms, each for approximately 15 students One (1) storage room</p>	
Furniture & Equipment	<ul style="list-style-type: none"> • Comfortable chairs/desks/tables to accommodate up to 15 students (flexible/adaptable/easily movable work stations) • Teacher desk/chair (possibly built in to counter area to save space) • Bookshelves • Partitions for 1-1 work
Storage	<ul style="list-style-type: none"> • Storage for large adaptive equipment and furniture (chairs, prone standers, supine standers, large walkers, gait trainers, therapy balls, etc.) • Lockable teacher storage wardrobe • One (1) lockable four-drawer filing cabinet • Built-in counters with shelving below around perimeter of the room • Secured storage for materials
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Document Camera • Interactive LED Panel (at least 75") • Wall/ceiling mounted speakers • Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> • Kitchen in one (1) classroom • Washer/dryer
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy movement of furniture
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboards (wall-to-wall) on front and side walls • Bulletin boards lining the back wall

SELF-CONTAINED CLASSROOM – SPECIALIZED LEARNING CENTER (SLC)	
Classroom Technology - Students	<ul style="list-style-type: none"> • Sufficient mobile devices for each student with charging station
Classroom Technology - Teacher	<ul style="list-style-type: none"> • One (1) wall mounted teacher computer • 22-inch display • DVD/Blu-ray • Wireless keyboard/mouse • Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> • Quiet area in room with floor mats

SMALL SELF-CONTAINED CLASSROOM – S.T.E.P.
SPACE: 600 square feet (each)
NUMBER: Two (2) classrooms; each for approximately 15 students

SMALL SELF-CONTAINED CLASSROOM – S.T.E.P.	
SPACE: 600 square feet (each)	
NUMBER: Two (2) classrooms; each for approximately 15 students	
Furniture & Equipment	<ul style="list-style-type: none"> • Comfortable chairs/desks/tables to accommodate up to 15 students (flexible/adaptable/easily movable work stations) • Teacher desk/chair (possibly built in to counter area to save space) • Bookshelves
Storage	<ul style="list-style-type: none"> • Lockable teacher storage wardrobe • One (1) lockable four-drawer filing cabinet • Built-in counters with shelving below around perimeter of the room • Counters to showcase student work and/or allow for standing collaborative work • Secured storage for materials
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Document Camera • Interactive LED Panel (at least 75") • Wall/ceiling mounted speakers • Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> • Kitchen
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy movement of furniture • Walls should be functional work spaces and for showcasing student work
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboards (wall-to-wall) on front and side walls • Rolling whiteboards • Bulletin boards lining the back wall
Classroom Technology - Students	<ul style="list-style-type: none"> • Sufficient mobile devices for each student • Charging station/cart
Classroom Technology - Teacher	<ul style="list-style-type: none"> • One (1) wall mounted teacher computer • 22-inch display • DVD/Blu-ray • Wireless keyboard/mouse • Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> • Separate office within room for counseling

SMALL SELF-CONTAINED CLASSROOM – S.A.I.L.S.	
Furniture & Equipment	<ul style="list-style-type: none"> • Comfortable adaptable chairs/desks/tables to accommodate up to 15 students (flexible/adaptable/easily movable work stations) • Teacher desk/chair (possibly built in to counter area to save space) • Bookshelves • Partitions for 1-1 discrete trials
Storage	<ul style="list-style-type: none"> • Lockable teacher storage wardrobe • One (1) lockable four-drawer filing cabinet • Built-in counters with adjustable shelving below around perimeter of the room • Secured storage for materials
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Document Camera • Interactive LED Panel (at least 75") • Wall/ceiling mounted speakers • Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> • Sink, soap, and towel dispenser
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy movement of furniture
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboards (wall-to-wall) on front and side walls • Bulletin boards lining the back wall
Classroom Technology - Students	<ul style="list-style-type: none"> • Sufficient mobile devices for each student with charging station
Classroom Technology - Teacher	<ul style="list-style-type: none"> • One (1) wall mounted teacher computer • 22-inch display • DVD/Blu-ray • Wireless keyboard/mouse • Aux HDMI input

SPECIAL EDUCATION RESOURCE - LC	
SPACE	450 square feet (each)
NUMBER:	Two (2) classrooms
Furniture & Equipment	<ul style="list-style-type: none"> • Comfortable chairs/desks/tables to accommodate ten (10) to fifteen (15) students (flexible/adaptable/easily movable work stations) • Teacher desk/chair (possibly built in to counter area to save space) • Bookshelves
Storage	<ul style="list-style-type: none"> • Built-in counters with shelving below around perimeter of the room • Secured storage for materials
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Document Camera • Interactive LED Panel (at least 75") • Wall/ceiling mounted speakers • Consider other innovative projection devices for collaborative work
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy movement of furniture • Walls should be functional work spaces and for showcasing student work
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboards (wall-to-wall) on front and side walls • Bulletin boards lining the back wall
Classroom Technology - Students	<ul style="list-style-type: none"> • One (1) mobile device cart (30 devices) to share between the Two (2) Resource rooms
Classroom Technology - Teacher	<ul style="list-style-type: none"> • One (1) wall mounted teacher computer • 22-inch display • DVD/Blu-ray • Wireless keyboard/mouse • Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> • Located near special education offices

O.T./P.T. RESOURCE	
SPACE: 200 square feet	
NUMBER: One (1) room shared by two (2) staff	
Furniture & Equipment	<ul style="list-style-type: none"> ● Teacher desk/chair (possibly built in to counter area to save space) ● Various equipment for Occupational Therapy ● Area for gross motor activities ● Floor mats
Storage	<ul style="list-style-type: none"> ● Storage for OT/PT equipment ● Two (2) lockable teacher storage wardrobe ● Two (2) lockable four-drawer filing cabinet ● Built-in counters with shelving below around perimeter of the room ● Secured storage for materials
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Various equipment for OT/PT
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile or flooring that allows for easy movement of furniture/equipment
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboards ● Bulletin boards lining the back wall
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● Two (2) teacher computers
Other Requirements	<ul style="list-style-type: none"> ● In close proximity to the SLC classrooms and SLC equipment storage

RESTROOM/SHOWER
SPACE: 100 square feet (each)
NUMBER: Three (3) restrooms near the self-contained classrooms

SPECIAL EDUCATION DEPARTMENT HEAD OFFICE	
SPACE: 120 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> ● Teacher desk/chair ● Table and chairs to accommodate four (4) people ● Bookshelves
Storage	<ul style="list-style-type: none"> ● Lockable teacher storage wardrobe ● One (1) lockable four-drawer filing cabinet
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboard ● Bulletin boards
Technology	<ul style="list-style-type: none"> ● One (1) teacher computer
Other Requirements	<ul style="list-style-type: none"> ● Adjacent to Special Services Administration Office

SPECIAL EDUCATION ADMINISTRATION OFFICE	
SPACE: 150 square feet for office area	
100 square feet for Records Storage	
Furniture & Equipment	<ul style="list-style-type: none"> ● One (1) Secretarial work station, chair ● Table and counter space ● Visitor seating

SPECIAL EDUCATION ADMINISTRATION OFFICE	
Storage	<ul style="list-style-type: none"> ● Lockable storage wardrobe ● One (1) lockable four-drawer filing cabinets ● Fire-rated student file storage ● Base and wall cabinet storage
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Network copier and fax machine
Safety Requirements	<ul style="list-style-type: none"> ● Security “panic” button with dedicated phone line
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Bulletin boards
Technology	<ul style="list-style-type: none"> ● One (1) computer
Other Requirements	<ul style="list-style-type: none"> ● Adjacent to Department Head Office

ED TESTING ROOM	
SPACE 80 square feet	
NUMBER: One (1) room	
Furniture & Equipment	<ul style="list-style-type: none"> ● Table and two chairs (One-on-one testing)
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboard ● Bulletin board
Other Requirements	<ul style="list-style-type: none"> ● Within special education area

SPEECH & LANGUAGE OFFICE	
SPACE: 75 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> ● Teacher desk/chair ● Table and chairs to accommodate four (4) people ● Bookshelves
Storage	<ul style="list-style-type: none"> ● Lockable teacher storage wardrobe ● One (1) lockable four-drawer filing cabinet
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboard ● Bulletin boards
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) teacher computer
Other Requirements	<ul style="list-style-type: none"> ● Adjacent to Special Services Administration Office

CONFERENCE ROOM	
SPACE: 300 square feet	
NUMBER: One (1) room	
Furniture & Equipment	<ul style="list-style-type: none"> ● Conference table ● Seating for twelve (12) ● Credenza
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (32-50” display) ● Aux ports for plugging into display
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboard ● Bulletin board

TEACHER PREP WORKROOM	
SPACE: 150 square feet	
NUMBER: One (1) workroom	
Furniture & Equipment	<ul style="list-style-type: none"> • Comfortable chairs/desks to accommodate up to four (4) teacher work stations • Tables for collaborative work • Bookshelves
Storage	<ul style="list-style-type: none"> • Lockable teacher storage wardrobes; one (1) for each teacher • One (1) lockable four-drawer filing cabinet for each teacher • Built-in counters with shelving below around perimeter of the room • Secured storage for teacher materials
Utility Requirements	<ul style="list-style-type: none"> • Network copier/fax machine
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy movement of furniture
Boards	<ul style="list-style-type: none"> • Magnetic whiteboard • Bulletin boards
Classroom Technology - Teacher	<ul style="list-style-type: none"> • One (1) computer per teacher
Other Requirements	<ul style="list-style-type: none"> • Located within close proximity to resource rooms and conference room

ALTERNATIVE HIGH SCHOOL

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 30 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

ALTERNATIVE HIGH SCHOOL: VESTIBULE AND MAIN OFFICE	
SPACE: 70 square feet for Vestibule	
200 square feet for Main Office	
70 square feet for one (1) toilet	
Furniture & Equipment	<ul style="list-style-type: none"> • Two (2) work stations (Coordinator and para) • Two (2) chairs • Table and counter space • Visitor seating
Storage	<ul style="list-style-type: none"> • Lockable teacher storage wardrobes • Two (2) lockable four-drawer filing cabinets • Fire-rated student file storage • Base and wall cabinet storage
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Network copier and fax machine
Safety Requirements	<ul style="list-style-type: none"> • Security measures for Visitor Entrance
Flooring	<ul style="list-style-type: none"> • Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> • Bulletin boards

ALTERNATIVE HIGH SCHOOL: VESTIBULE AND MAIN OFFICE	
Technology	<ul style="list-style-type: none"> • One (1) computer per coordinator and para

ALTERNATIVE HIGH SCHOOL: SOCIAL WORKER OFFICE	
SPACE: 150 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> • Teacher desk/chair (possibly built in to counter area to save space) • Bookshelves
Storage	<ul style="list-style-type: none"> • Secured storage for materials
Flooring	<ul style="list-style-type: none"> • Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboard • Bulletin board
Technology	<ul style="list-style-type: none"> • One (1) teacher computer

ALTERNATIVE HIGH SCHOOL: CONFERENCE ROOM	
SPACE: 300 square feet	
NUMBER: One (1) room	
Furniture & Equipment	<ul style="list-style-type: none"> • Conference table • Seating for twelve (12) • Credenza
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Polycom telephone • Document Camera • Interactive LED Panel (at least 75") • Wall/ceiling mounted speakers • Consider other innovative projection devices for collaborative work • Aux ports for plugging into display
Flooring	<ul style="list-style-type: none"> • Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> • Magnetic whiteboard • Bulletin board

ALTERNATIVE HIGH SCHOOL: CLASSROOM	
SPACE: 700 square feet	
NUMBER: One (1) classroom	
Furniture & Equipment	<ul style="list-style-type: none"> • Comfortable chairs/desks/tables to accommodate up to fifteen (15) students (flexible/adaptable/easily movable work stations) • Teacher desk/chair (possibly built in to counter area to save space) • Bookshelves
Storage	<ul style="list-style-type: none"> • Lockable teacher storage wardrobe • One (1) lockable four-drawer filing cabinet • Built-in counters with shelving below around perimeter of the room • Counters to showcase student work and/or allow for standing collaborative work • Secured storage for materials

ALTERNATIVE HIGH SCHOOL: CLASSROOM	
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Document Camera • Interactive LED Panel (at least 75") • Wall/ceiling mounted speakers • Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> • Sink, soap, and towel dispenser
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy movement of furniture • Walls should be functional work spaces and for showcasing student work
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboards (wall-to-wall) on front and side walls • Rolling whiteboards • Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> • Closed deep display case in corridor
Classroom Technology - Students	<ul style="list-style-type: none"> • One (1) mobile device cart holding thirty (30) devices • Charging station for cart
Classroom Technology - Teacher	<ul style="list-style-type: none"> • One (1) wall mounted teacher computer • 22-inch display • DVD/Blu-ray • Wireless keyboard/mouse • Aux HDMI input

ALTERNATIVE HIGH SCHOOL: INSTRUCTIONAL MATERIALS STORAGE	
SPACE: 100 square feet	
NUMBER: One (1)	
Storage	<ul style="list-style-type: none"> • Appropriate shelving to accommodate instructional materials
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile
Other Requirements	<ul style="list-style-type: none"> • One storage room within each of the six Learning Communities

ADMINISTRATION AND SUPPORT SERVICES

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning (year round)
- ADA compliant building standards
- Wireless/internet access to support at least 30 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

PRINCIPAL'S OFFICE	
SPACE: 250 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> • Desk and chair • Table • Seating for six (6)

PRINCIPAL'S OFFICE	
Storage	<ul style="list-style-type: none"> ● Lockable storage/wardrobe ● Lockable lateral files ● One (1) large wall unit bookcase
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (32-50" display)
Safety Requirements	<ul style="list-style-type: none"> ● Security "panic" button with dedicated phone line
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards ● Bulletin board
Technology	<ul style="list-style-type: none"> ● One (1) computer ● Aux ports for plugging into display
Other Requirements	<ul style="list-style-type: none"> ● Adjacent to main office, assistant principal offices, dean of students office, and conference room

MAIN OFFICE (RECEPTION AND SECRETARIAL AREA)	
<p>SPACE: 300 square feet for Reception 450 square feet for Secretarial Area 50 square feet for Administrative Storage 80 square feet for Vault/Personnel Records Storage</p>	
Furniture & Equipment	<ul style="list-style-type: none"> ● Four (4) Secretarial work stations ● Four (4) Secretarial chairs ● One (1) station for Head Monitor ● Table and counter space ● Visitor seating
Storage	<ul style="list-style-type: none"> ● Lockable storage wardrobes ● Four (4) lockable four-drawer filing cabinets ● Fire-rated student file storage ● Base and wall cabinet storage ● Administrative storage room, as noted above ● Vault/Personnel Records storage, as noted above
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Network copier and fax machine
Safety Requirements	<ul style="list-style-type: none"> ● Located near Main Entrance ● Multiple windows to view visitor activity ● Appropriate security measures as outlined in Building Systems section of Ed Specs ● Security "panic" button with dedicated phone line
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Bulletin boards
Technology	<ul style="list-style-type: none"> ● One (1) computer per secretary/clerk ● Electronic security system
Other Requirements	<ul style="list-style-type: none"> ● Adjacent to administrative offices

ASSISTANT PRINCIPAL'S OFFICE	
SPACE: 150 square feet (each)	
NUMBER: Two (2)	
Furniture & Equipment	<ul style="list-style-type: none"> ● Desk and chair ● Table ● Seating for four (4)
Storage	<ul style="list-style-type: none"> ● Lockable storage/wardrobe ● Lockable lateral files ● One (1) large wall unit bookcase
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboard ● Bulletin board
Technology	<ul style="list-style-type: none"> ● One (1) computer
Other Requirements	<ul style="list-style-type: none"> ● Adjacent to main office, principal office, dean of students office, and conference room

DEAN OF STUDENTS OFFICE	
SPACE: 150 square feet	
NUMBER: One (1)	
Furniture & Equipment	<ul style="list-style-type: none"> ● Desk and chair ● Table ● Seating for six (6)
Storage	<ul style="list-style-type: none"> ● Lockable storage/wardrobe ● Lockable lateral files ● One (1) large wall unit bookcase
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboards ● Bulletin board
Technology	<ul style="list-style-type: none"> ● One (1) computer
Other Requirements	<ul style="list-style-type: none"> ● Adjacent to main office, principal office, assistant principal offices, and conference room

DATA SPECIALIST OFFICE	
SPACE: 140 square feet	
NUMBER: One (1)	
Furniture & Equipment	<ul style="list-style-type: none"> ● Desk and chair ● Table ● Visitor seating
Storage	<ul style="list-style-type: none"> ● Lockable storage/wardrobe ● Lockable lateral files ● Bookcase
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboard ● Bulletin board
Technology	<ul style="list-style-type: none"> ● One (1) computer
Other Requirements	<ul style="list-style-type: none"> ● Adjacent to main office

SCHOOL RESOURCE OFFICER OFFICE	
SPACE: 100 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> • Desk and chair • Table • Seating for four (4)
Storage	<ul style="list-style-type: none"> • Lockable storage/wardrobe • Lockable lateral files • Bookcase
Safety Requirements	<ul style="list-style-type: none"> • Access to security monitors (52" display with dedicated machine that connects to security system)
Flooring	<ul style="list-style-type: none"> • Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> • Magnetic whiteboard • Bulletin board
Technology	<ul style="list-style-type: none"> • One (1) computer
Other Requirements	<ul style="list-style-type: none"> • Adjacent to Main Office

CONFERENCE ROOM	
SPACE: 350 square feet	
NUMBER: One (1) room	
Furniture & Equipment	<ul style="list-style-type: none"> • Conference table • Seating for twelve (12) • Credenza
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Polycom telephone • Document Camera • Interactive LED Panel (at least 75")
Flooring	<ul style="list-style-type: none"> • Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> • Magnetic whiteboard • Bulletin board
Technology	<ul style="list-style-type: none"> • Aux ports for plugging into display
Other Requirements	<ul style="list-style-type: none"> • Adjacent to administrative offices

MAIL/WORK/COPY ROOM	
SPACE: 200 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> • Staff mailboxes • Table and six (6) chairs
Storage	<ul style="list-style-type: none"> • Built-in counters with shelving below and above
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile
Boards	<ul style="list-style-type: none"> • Magnetic whiteboards • Bulletin boards
Technology	<ul style="list-style-type: none"> • Network copier/fax machine

SCHOOL COUNSELOR OFFICE	
<p>SPACE: 125 square feet (each office) 150 square feet for Counseling Waiting Area</p> <p>NUMBER: Nine (9)</p>	
Furniture & Equipment	<ul style="list-style-type: none"> • Desk and chair • Table • Seating for four (4)
Storage	<ul style="list-style-type: none"> • Lockable storage/wardrobe • Lockable lateral files • Bookcase
Flooring	<ul style="list-style-type: none"> • Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> • Magnetic whiteboard • Bulletin board
Technology	<ul style="list-style-type: none"> • One (1) computer
Other Requirements	<ul style="list-style-type: none"> • Adjacent to counseling administration area, counseling collaboration room, and classroom/conference room

COUNSELING ADMINISTRATION AREA	
<p>SPACE: 200 square feet for Administration Area 200 square feet for Records Storage 25 square feet Counseling General Storage 80 square feet Counseling Testing Storage</p>	
Furniture & Equipment	<ul style="list-style-type: none"> • Two (2) Secretarial work stations, chairs • Table and counter space • Visitor seating
Storage	<ul style="list-style-type: none"> • Lockable storage wardrobes • Two (2) lockable four-drawer filing cabinets • Fire-rated student records file storage, as noted above • Counseling general storage, as noted above • Counseling Testing storage, as noted above • Base and wall cabinet storage
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Network copier and fax machine • Parent access Kiosk computer
Safety Requirements	<ul style="list-style-type: none"> • Security “panic” button with dedicated phone line
Flooring	<ul style="list-style-type: none"> • Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> • Bulletin boards
Technology	<ul style="list-style-type: none"> • One (1) computer per secretary/clerk
Other Requirements	<ul style="list-style-type: none"> • Adjacent to Counseling offices

COUNSELING CLASSROOM/CONFERENCE	
<p>SPACE: 625 square feet</p> <p>NUMBER: One (1)</p>	
Furniture & Equipment	<ul style="list-style-type: none"> • Comfortable chairs/desks/tables to accommodate up to twenty (20) students (flexible/adaptable/easily movable work stations) • Teacher station • Bookshelves

COUNSELING CLASSROOM/CONFERENCE	
Storage	<ul style="list-style-type: none"> ● Built-in counters with shelving below around perimeter of the room
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile or flooring that allows for easy movement of furniture ● Walls should be functional work spaces and for showcasing student work
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards (wall-to-wall) on front and side walls ● Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> ● Closed deep display case in corridor
Classroom Technology - Students	<ul style="list-style-type: none"> ● One (1) mobile device cart with 30 devices ● Charging station for cart
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input

COUNSELING COLLABORATION ROOM	
SPACE: 200 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> ● Conference table ● Seating for twelve (12) ● Credenza
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Polycom telephone ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboard ● Bulletin board
Technology	<ul style="list-style-type: none"> ● Aux ports for plugging into display
Other Requirements	<ul style="list-style-type: none"> ● Adjacent to counseling offices

COUNSELING WORK/COPY/KITCHENETTE	
SPACE: 100 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> ● Table
Storage	<ul style="list-style-type: none"> ● General supply storage
Utility Requirements	<ul style="list-style-type: none"> ● Kitchenette (sink, coffee maker, microwave, refrigerator)
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboards ● Bulletin boards
Technology	<ul style="list-style-type: none"> ● Network copier/fax machine
Other Requirements	<ul style="list-style-type: none"> ● Adjacent to counseling offices

CAREER CENTER	
SPACE: 450 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> • Comfortable chairs/tables to accommodate up to twenty (20) students (flexible/adaptable/easily movable work stations) • Teacher station • Bookshelves
Storage	<ul style="list-style-type: none"> • Built-in counters with shelving below around perimeter of the room
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Document Camera • Interactive LED Panel (at least 75") • Wall/ceiling mounted speakers • Consider other innovative projection devices for collaborative work
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy movement of furniture • Walls should be functional work spaces and for showcasing promotional materials
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboards • Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> • Closed deep display case in corridor
Classroom Technology - Students	<ul style="list-style-type: none"> • One (1) Chromebook cart with 30 Chromebooks • Charging station for cart
Classroom Technology - Teacher	<ul style="list-style-type: none"> • One (1) wall mounted teacher computer • 22-inch display • DVD/Blu-ray • Wireless keyboard/mouse • Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> • Consider design style of a "student union"

PSYCHOLOGIST OFFICE	
Space: 150 square feet	
Number: Two (2)	
Furniture & Equipment	<ul style="list-style-type: none"> • Desk and chair • Table • Seating for four (4)
Storage	<ul style="list-style-type: none"> • Lockable storage/wardrobe • Lockable lateral files • Bookcase
Flooring	<ul style="list-style-type: none"> • Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> • Magnetic whiteboard • Bulletin board
Technology	<ul style="list-style-type: none"> • One (1) computer
Other Requirements	<ul style="list-style-type: none"> • Adjacent to counseling offices

SOCIAL WORKER OFFICE	
SPACE: 150 square feet (each)	
NUMBER: Two (2) offices	
Furniture & Equipment	<ul style="list-style-type: none"> • Desk and chair • Table • Seating for four (4)

SOCIAL WORKER OFFICE	
Storage	<ul style="list-style-type: none"> ● Lockable storage/wardrobe ● Lockable lateral files ● Bookcase
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboard ● Bulletin board
Technology	<ul style="list-style-type: none"> ● One (1) computer
Other Requirements	<ul style="list-style-type: none"> ● Adjacent to counseling offices and psychologist office

ADMINISTRATIVE RESTROOMS
<p>SPACE: 60 square feet (each)</p> <p>NUMBER: Four (4)</p>

BEHAVIORAL INTERVENTION CLASSROOM	
<p>SPACE: 400 square feet</p> <p>NUMBER: One (1) classroom</p>	
Furniture & Equipment	<ul style="list-style-type: none"> ● Comfortable chairs/desks/tables to accommodate up to six (6) students (flexible/adaptable/easily movable work stations) ● Teacher station ● Bookshelves
Storage	<ul style="list-style-type: none"> ● Built-in counters with shelving below around perimeter of the room
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile or flooring that allows for easy movement of furniture
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards (wall-to-wall) on front and side walls ● Bulletin boards lining the back wall
Classroom Technology - Students	<ul style="list-style-type: none"> ● Sufficient Chromebooks with charging station
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> ● Located near the Administrative offices ● Discreet location

HEALTH CLINIC	
<p>SPACE: 800 square feet</p>	
Furniture & Equipment	<ul style="list-style-type: none"> ● Two (2) desks with chairs ● Four (4) cots ● Two (2) rolling tables with five (5) chairs

HEALTH CLINIC	
Storage	<ul style="list-style-type: none"> ● Built-in counters with shelving below around perimeter of the room ● Multiple file cabinets (three (3) four-drawer; five (5) two-drawer) ● Storage for extra work ● Five (5) double cabinets (full size) ● One (1) double cabinet (half-size) ● Two (2) locked medicine cabinets ● Two (2) locking wall cabinets ● Large closet with shelving and doors
Utility Requirements	<ul style="list-style-type: none"> ● Lavatory within Health Clinic ● Refrigerator with generator back-up ● Sink with hot and cold water, soap, and towel dispenser ● Microwave ● 2 wheel chairs ● Scale ● Two (2) private resting rooms
Safety Requirements	<ul style="list-style-type: none"> ● Eye-wash station ● Double locks on medicine cabinets
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile
Boards	<ul style="list-style-type: none"> ● One (1) large bulletin board
Technology	<ul style="list-style-type: none"> ● Two (2) computers
Other Requirements	<ul style="list-style-type: none"> ● Centrally located adjacent to attendance office, counseling, social worker, main office

MEDIA CENTER LEARNING COMMONS

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 150 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

READING ROOM/CIRCULATION	
SPACE: 5,211 square feet <i>(Based on 10% of student enrollment x 35 sf/student)</i>	
Furniture & Equipment	<ul style="list-style-type: none"> ● Flexible book shelving that can easily be reconfigured for a collection of 15,000 volumes ● Centralized circulation area with four (4) staff work stations
Storage	<ul style="list-style-type: none"> ● Textbook reserve collection ● See media center workroom and storage and multimedia equipment storage below
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Printer
Utility Requirements	<ul style="list-style-type: none"> ● Work area to process books with four work stations
Safety Requirements	<ul style="list-style-type: none"> ● N/A
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Bulletin Boards to display student work and promotional materials

READING ROOM/CIRCULATION	
Technology	<ul style="list-style-type: none"> ● Self-checkout technology compatible with cafeteria self-checkout software ● Four (4) staff computers for the circulation desk area
Other Requirements	<ul style="list-style-type: none"> ● The Media Center Learning Commons will be centrally located; “the heart of the school” ● The Circulation Center will be located in the center of the Media Center Learning Commons and adjacent to the workroom and media specialist office

MULTIMEDIA PRODUCTION STUDIO: “EDGE STUDIO”	
SPACE: 1,500 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> ● Adequate switching and recording equipment for multi-camera productions ● Adequate LED studio lighting with controls ● Adequate audio mixing recording equipment ● Necessary equipment for the distribution of school-produced media to the outside world via IP ● Necessary equipment for the distribution of cable TV channels to the school, either through RF distribution or IP
Storage	<ul style="list-style-type: none"> ● Built-in countertops with storage above and below ● Sufficient durable counter-space for bench repair of electronics ● Large walk-in lockable storage closet for equipment
Utility Requirements	<ul style="list-style-type: none"> ● Access to cable TV ● Low-pressure HVAC with sound attenuation air handling equipment ● No florescent lighting
Safety Requirements	<ul style="list-style-type: none"> ● Super grounded wiring
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboard ● Bulletin board
Technology	<ul style="list-style-type: none"> ● Computer to support production equipment
Other Requirements	<ul style="list-style-type: none"> ● Sound absorbent ceiling material ● Spot and track lighting ● Ceiling mounted cable racks

MEDIA CENTER LEARNING COMMONS CONFERENCE ROOM (BREAK OUT)	
SPACE: 200 square feet	
NUMBER: Two (2)	
Furniture & Equipment	<ul style="list-style-type: none"> ● Conference table ● Seating for eight (8)
Storage	<ul style="list-style-type: none"> ● N/A
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75”) ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Large magnetic whiteboard ● Bulletin board

MEDIA CENTER LEARNING COMMONS CONFERENCE ROOM (BREAK OUT)	
Technology	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> ● Large windows to allow visibility within Media Center Learning Commons

MEDIA SPECIALIST OFFICE	
SPACE: 120 square feet	
NUMBER: Two (2) offices	
Furniture & Equipment	<ul style="list-style-type: none"> ● Desk and chair (one (1) office must have two (2) set ups) ● Table ● Visitor seating
Storage	<ul style="list-style-type: none"> ● Lockable storage/wardrobe ● Lockable lateral files ● Bookcase
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboard ● Bulletin board
Technology	<ul style="list-style-type: none"> ● One (1) computer/staff
Other Requirements	<ul style="list-style-type: none"> ● Adjacent to Circulation Center

MEDIA CENTER WORKROOM/STORAGE	
SPACE: 150 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> ● Table and four (4) chairs
Storage	<ul style="list-style-type: none"> ● Shelving and cabinetry storage ● Counter at standing height for work
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboard ● Bulletin boards
Technology	<ul style="list-style-type: none"> ● Network copier/fax machine
Other Requirements	<ul style="list-style-type: none"> ● Adjacent to Circulation Center

MAIN SERVER ROOM	
SPACE: 120 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> ● Adjustable shelving units ● Quantity 3 APC NetShelter SX Enclosure with sides (Rack-black 42U – 19”) ● Ladder Rack/cable tray ● Counter area 2 x 4 feet) standing height
Utility Requirements	<ul style="list-style-type: none"> ● Dedicated low pressure HVAC (7x24x365 cooling) ● 6 dedicated 20AMP circuits on generator backup (2 for each rack)
Safety Requirements	<ul style="list-style-type: none"> ● Dry fire suppression system
Flooring	<ul style="list-style-type: none"> ● Anti-static flooring

MAIN SERVER ROOM	
Other Requirements	<ul style="list-style-type: none"> • Adjacent to Media Center Learning Commons

MULTIMEDIA EQUIPMENT STORAGE	
SPACE: 300 square feet	
Storage	<ul style="list-style-type: none"> • Adjustable shelving
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile
Other Requirements	<ul style="list-style-type: none"> • Adjacent to

MEDIA CENTER /PERIODICAL/STUDENT COLLABORATION WORK AREA	
SPACE: 500 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> • High top/low top tables with power and USB outlets • Magazine, newspaper racks • Display spaces • Light weight tables and chairs that can be easily moved and reconfigured • Cozy seating areas • Eating area
Utility Requirements	<ul style="list-style-type: none"> • Café style eating area • Student collaborative and/or quiet independent areas • Glassed in for soundproofing
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile for café area • Wall-to-wall carpeting elsewhere
Boards	<ul style="list-style-type: none"> • Bulletin Boards to display student work and promotional materials
Technology	<ul style="list-style-type: none"> • Moveable kiosks that are student led throughout the media center and/or Innovation Hallway
Other Requirements	<ul style="list-style-type: none"> • Recharging stations • Consider outdoor learning spaces

MEDIA CENTER LEARNING COMMONS CLASSROOM	
SPACE: 800 square feet	
NUMBER: One (1) classroom	
Furniture & Equipment	<ul style="list-style-type: none"> • Comfortable chairs/desks/tables to accommodate up to twenty (20) students (flexible/adaptable/easily movable work stations) • Teacher station • Bookshelves
Storage	<ul style="list-style-type: none"> • Built-in counters with shelving below around perimeter of the room
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Document Camera • Interactive LED Panel (at least 75") • Wall/ceiling mounted speakers • Consider other innovative projection devices for collaborative work
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy movement of furniture
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboards (wall-to-wall) on front and side walls • Bulletin boards lining the back wall
Classroom Technology - Students	<ul style="list-style-type: none"> • One (1) Chromebook cart with charging station

MEDIA CENTER LEARNING COMMONS CLASSROOM	
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> ● Glass wall so activities are visible to media staff (This space may be used by student-initiated and student led collaborative work.)

AMPHITHEATER	
SPACE: 800 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> ● Tiered seating
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> ● Sound system for presentations ● Adjustable lighting for presentations ● Acoustical considerations
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● White boards ● Bulletin boards
Classroom Technology - Students	<ul style="list-style-type: none"> ● Students should be able to access mobile devices in this area
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) computer

VISUAL ARTS PROGRAMS

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 50 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

ART CLASSROOM: CERAMICS
<p>SPACE: 1,000 square feet for classroom</p> <p>200 square feet for Kiln/Ceramic storage</p>

ART CLASSROOM: CERAMICS	
Furniture & Equipment	<ul style="list-style-type: none"> ● Stainless steel work tables, chairs to accommodate at least seventeen (17) students ● 17 pottery wheels with stools ● Teacher desk/chair (possibly built in to counter area to save space) ● Three (3) kilns in separate kiln room
Storage	<ul style="list-style-type: none"> ● Built-in counters with shelving below around perimeter of the room ● Counters to showcase student work ● Metal shelving and cabinets ● Secured storage for materials (glaze, clay, tools, etc.) ● Combination of damp and drying cabinets ● Counter with plaster surface for wedging clay no more than four (4) feet in width
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> ● Kiln room is adjacent to Ceramics Studio with proper ventilation ● Each of the three (3) existing kilns requires a 220v outlet ● Dedicated retractable electrical outlets for each of the seventeen (17) pottery wheels ● Industrial HEPA air filter ● Wall-mounted extruders ● Pug mill with dedicated electrical outlet ● Two (2) large sinks with clay trap drains
Safety Requirements	<ul style="list-style-type: none"> ● Proper ventilation of kiln room ● HEPA air filter for classroom ● Emergency eyewash station ● Adhere to OSHA requirements
Flooring	<ul style="list-style-type: none"> ● Slip resistant vinyl enhanced tile or flooring that allows for easy cleanup
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards (wall-to-wall) on front and side walls ● Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> ● Closed deep display cases in Learning Community/Visual Arts corridors
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> ● Consider design that would allow instruction to be visible from hallway

ART CLASSROOM: CRAFTS	
SPACE:	1,000 square feet

ART CLASSROOM: CRAFTS	
Furniture & Equipment	<ul style="list-style-type: none"> • Ten (10) large tables; twenty (20) chairs • Teacher desk/chair (possibly built in to counter area to save space) • Bookshelves • 3D printer • Soldering iron • Laser cutter • Table saw • Glass cutting station • Flame station
Storage	<ul style="list-style-type: none"> • Built-in counter space with storage above and below
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Document Camera • Interactive LED Panel (at least 75") • Wall/ceiling mounted speakers • Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> • Sufficient electrical outlets • Two (2) sinks
Safety Requirements	<ul style="list-style-type: none"> • Per OSHA safety standards
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy cleanup • Walls should be functional work spaces and for showcasing student work
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboards (wall-to-wall) on front and side walls • Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> • Closed deep display cases in Learning Community/Visual Arts corridors
Classroom Technology - Teacher	<ul style="list-style-type: none"> • One (1) wall mounted teacher computer • 22-inch display • DVD/Blu-ray • Wireless keyboard/mouse • Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> • Dust collection ductwork • Independent heat recovery ventilation units • Consider design that would allow instruction to be visible from hallway

ART CLASSROOM: DIGITAL LAB	
SPACE:	1,000 square feet
Furniture & Equipment	<ul style="list-style-type: none"> • Comfortable chairs/tables/workstations to accommodate up to eighteen (18) students (flexible/adaptable/easily movable work stations) • Teacher desk/chair (possibly built in to counter area to save space) • Bookshelves
Storage	<ul style="list-style-type: none"> • Built-in counters with shelving below around perimeter of the room • Counters to showcase student work and/or allow for standing collaborative work • Secured storage for materials
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Document Camera • Interactive LED Panel (at least 75") • Wall/ceiling mounted speakers • Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> • Outlets for nineteen (19) desktop computers • Two (2) data ports/machine
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy movement of furniture • Walls should be functional work spaces and for showcasing student work

ART CLASSROOM: DIGITAL LAB	
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards (wall-to-wall) on front and side walls ● Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> ● Closed deep display cases in Learning Community corridors
Classroom Technology – Students	<ul style="list-style-type: none"> ● Eighteen (18) computers that will support digital design software programs
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> ● Consider design that would allow instruction to be visible from hallway

ART CLASSROOM: PHOTO LAB	
SPACE:	1,000 square feet for classroom
Furniture & Equipment	<ul style="list-style-type: none"> ● Chairs /tables to accommodate collaborative work ● 18 computer work stations ● Light table ● Paper cutting station ● Mat cutting station ● Teacher desk/chair (possibly built in to counter area to save space)
Storage	<ul style="list-style-type: none"> ● Built-in counters with shelving below around perimeter of the room ● Counters to showcase student work and/or allow for standing collaborative work ● Secured storage for materials ● Flat file
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> ● Two (2) large sinks with cabinets ● Two (2) data ports /computer ● Adequate electrical outlets for 18 computers
Safety Requirements	<ul style="list-style-type: none"> ● Emergency eyewash station
Flooring	<ul style="list-style-type: none"> ● Slip resistant vinyl enhanced tile or flooring that allows for easy cleanup ● Walls should be functional work spaces and for showcasing student work
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards (wall-to-wall) on front and side walls ● Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> ● Closed deep display cases in Learning Community/Visual Arts corridors
Classroom Technology – Students	<ul style="list-style-type: none"> ● Eighteen (18) student computer work stations
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> ● Consider design that would allow instruction to be visible from hallway

ART CLASSROOM: 2D STUDIO (Printmaking/Fashion)	
SPACE: 1,000 square feet for classroom	
Furniture & Equipment	<ul style="list-style-type: none"> • Ten (10) sewing machines • One (1) serger machine • One (1) blind hem machine • Eighteen (18) mannequins • Adjustable/storable tables and chairs to accommodate up to eighteen (18) students • Table-mounted easels (removable) • Printing press • Paint spray booth • Pressure water spray booth • Teacher desk/chair (possibly built in to counter area to save space) • Bookshelves
Storage	<ul style="list-style-type: none"> • Fashion: 100 cubbies • Thirty (30) lockers • Twenty-four (24) drawers • Two (2) storage cabinets • Three (3) large storage closets • Twenty (20) shelves for storage and display • Flat files for storing student work • Large drying racks • Built-in counters with shelving below around perimeter of the room • Counters to showcase student work and/or allow for standing collaborative work • Secured storage for materials
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Document Camera • Interactive LED Panel (at least 75") • Wall/ceiling mounted speakers • Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> • Sufficient electrical outlets for sewing machines; other machines • Track lighting; adjustable to spotlight different parts of the room • Retractable electrical outlets • Two (2) large sinks
Safety Requirements	<ul style="list-style-type: none"> • Adequate ventilation • Fume hood for spray paint booth
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy cleanup • Walls should be functional work spaces and for showcasing student work
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboards (wall-to-wall) on front and side walls • Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> • Closed deep display cases in Learning Community/Visual Arts corridors
Classroom Technology - Teacher	<ul style="list-style-type: none"> • One (1) wall mounted teacher computer • 22-inch display • DVD/Blu-ray • Wireless keyboard/mouse • Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> • Consider design that would allow instruction to be visible from hallway

ART MATERIALS STORAGE	
SPACE: 150 square feet	
NUMBER: Four (4)	
Storage	<ul style="list-style-type: none"> • Adjustable shelving • Cabinetry
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile
Other Requirements	<ul style="list-style-type: none"> • Adjacent to visual arts classrooms

TEACHER PREP WORKROOM	
SPACE: 250 square feet	
NUMBER: One (1) workroom	
Furniture & Equipment	<ul style="list-style-type: none"> • Comfortable chairs/desks to accommodate up to five (5) teacher work stations • Tables for collaborative work • Bookshelves
Storage	<ul style="list-style-type: none"> • Lockable teacher storage wardrobes; one (1) for each teacher • One (1) lockable four-drawer filing cabinet for each teacher • Built-in counters with shelving below around perimeter of the room • Secured storage for teacher materials
Teaching Aides/Equipment	•
Utility Requirements	<ul style="list-style-type: none"> • Kitchenette with sink and cabinetry • Microwave • Coffee maker • Refrigerator • Network copier/fax machine
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile or flooring that allows for easy movement of furniture
Boards	<ul style="list-style-type: none"> • Magnetic whiteboard • Bulletin boards
Classroom Technology - Teacher	<ul style="list-style-type: none"> • One (1) computer per teacher
Other Requirements	<ul style="list-style-type: none"> • Located within close proximity to visual arts classrooms

MUSIC PROGRAMS

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 30 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

INSTRUMENTAL/BAND ROOM	
SPACE: 2,375 square feet	
NUMBER: One (1) room	
Furniture & Equipment	<ul style="list-style-type: none"> ● One hundred fifty (150) Wenger performer chairs ● One hundred fifty (150) Wenger music stands ● One (1) Studio Upright Walter brand Piano with moving dolly attached ● Three (3) Wenger Large Move and Store Music Stand Carts ● Nine (9) Wenger Chair Move and Store Carts ● Stereo and speaker system ● Recording equipment built in to classroom for assessment purposes
Storage	<ul style="list-style-type: none"> ● Built-in counters/cabinets with storage above and below ● See instrument storage ● See music library storage
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> ● Recording equipment built in to classroom ● HVAC control ● HVAC equipment to include sound deadening air handling equipment
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards (wall-to-wall) on front and side walls ● Rolling whiteboards ● Bulletin boards
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> ● Consider design that would allow instruction to be visible from hallway ● Adjacent to auditorium/theater area

VOCAL ROOM	
SPACE: 1,600 square feet	
NUMBER: One (1) room	
Furniture & Equipment	<ul style="list-style-type: none"> ● One hundred fifty (150) Wenger performer chairs ● One (1) Walter Grand Piano with moving dolly attached ● One (1) set of Choral Risers with wheels with back safety racks ● Versatile Wenger staging to accommodate 75 singers and jazz band ● Stereo and speaker system ● Recording equipment built in to classroom for assessment purposes
Storage	<ul style="list-style-type: none"> ● Choral folder storage ● Built-in counters/cabinetry with storage above and below ● See Music Library storage
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work

VOCAL ROOM	
Utility Requirements	<ul style="list-style-type: none"> • Adjustable ceiling clouds for acoustical variation • HVAC control • HVAC equipment to include sound deadening air handling equipment
Flooring	<ul style="list-style-type: none"> • Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboards (wall-to-wall) • Rolling whiteboards • Bulletin boards
Classroom Technology - Teacher	<ul style="list-style-type: none"> • One (1) wall mounted teacher computer • 22-inch display • DVD/Blu-ray • Wireless keyboard/mouse • Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> • Consider design that would allow instruction to be visible from hallway • Adjacent to auditorium/theater area

MUSIC LIBRARY STORAGE	
SPACE: 150 square feet	
NUMBER: One (1)	
Storage	<ul style="list-style-type: none"> • Multiple wall units designed to store sheet music (65,000 sets)
Utility Requirements	<ul style="list-style-type: none"> • Humidity control
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile
Other Requirements	<ul style="list-style-type: none"> • Adjacent to Music Office

INSTRUMENT STORAGE	
SPACE: 505 square feet	
NUMBER: Two (2) 1 Room for all instruments (305 s.f.) and 1 Room for Guitar Storage (200 s.f.)	
Furniture & Equipment	<ul style="list-style-type: none"> • Individual Wenger storage lockers (with locks) for all instrument sizes
Storage	<ul style="list-style-type: none"> • Marching band cabinets for percussion equipment, color guard flags
Utility Requirements	<ul style="list-style-type: none"> • Humidity control
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile
Other Requirements	<ul style="list-style-type: none"> • Adjacent to Band/Orchestra room

UNIFORM STORAGE	
SPACE: 200 square feet	
NUMBER: One (1)	
Storage	<ul style="list-style-type: none"> • Concert Dress and Marching Band Uniform closets and racks
Utility Requirements	<ul style="list-style-type: none"> • Humidity control
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile
Other Requirements	<ul style="list-style-type: none"> • Adjacent to

MUSIC OFFICE	
SPACE: 250 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> • Teacher desk/chair for four (4) • Table and chairs to accommodate four (4) people • Bookshelves
Storage	<ul style="list-style-type: none"> • Lockable teacher storage wardrobe/per teacher • One (1) lockable four-drawer filing cabinet/per teacher
Flooring	<ul style="list-style-type: none"> • Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> • Magnetic whiteboard • Bulletin boards
Technology	<ul style="list-style-type: none"> • One (1) teacher computer/per teacher

PRACTICE ROOM	
SPACE: 80 square feet	
NUMBER: Five (5)	
Furniture & Equipment	<ul style="list-style-type: none"> • Recording equipment in one (1) practice room • Student chairs • Music stands
Utility Requirements	<ul style="list-style-type: none"> • Sound proofing
Flooring	<ul style="list-style-type: none"> • Wall-to-wall carpeting in five (3) rooms • Vinyl enhanced tile in two (2) rooms
Boards	<ul style="list-style-type: none"> • White board
Classroom Technology – Students (each practice room)	<ul style="list-style-type: none"> • Computer that supports notation software

ENSEMBLE ROOM	
SPACE: 240 square feet (1) 180 square feet (1)	
NUMBER: Total: Two (2) rooms	
Furniture & Equipment	<ul style="list-style-type: none"> • One (1) Studio Upright Walter brand Piano with moving dolly attached (<i>each room</i>)
Storage	<ul style="list-style-type: none"> • N/A
Teaching Aides/Equipment	<ul style="list-style-type: none"> • Document Camera • Interactive LED Panel (at least 75") • Wall/ceiling mounted speakers • Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> • HVAC equipment to include sound deadening air handling equipment
Flooring	<ul style="list-style-type: none"> • Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> • Multiple magnetic whiteboards • Bulletin boards

ENSEMBLE ROOM	
Technology	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input ● Recording equipment built in to classroom for assessment purposes
Other Requirements	<ul style="list-style-type: none"> ● Consider design that would allow instruction to be visible from hallway

PERFORMING ARTS PROGRAMS

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 30 mobile devices
- Multiple electrical outlets
- Sound Field System
- Telephone
- Intercom communication with office

AUDITORIUM	
SPACE:	8,300 square feet for Auditorium 1,400 square feet for Stage (including wing space) 125 square feet for Control Room
	<ul style="list-style-type: none"> ● 650-seat auditorium for music rehearsal and performance and public assembly functions ● Auditorium seating area 6975 square feet: sloped/stepped main level for approximately 500 seats and mezzanine for approximately 150 seats, seating arranged to support a variety of audience sizes ● Open platform performance area 2420 square feet to emphasize music use ● Provide high-quality variable acoustical environment and production support for music, conferences, lectures, and speakers, with projection ● Control Booth to support performance and recording functions ● Offstage area 1200 square feet around perimeter of platform for circulation and movement of musicians, instruments, and equipment ● HVAC equipment to include sound deadening air handling equipment ● Front projection system with motorized screen ● Multicam video recording ● Dedicated IDF for high speed 10GB data

AUDITORIUM
<p>Considerations:</p> <ul style="list-style-type: none"> ● One hundred fifty (150) Wenger performer chairs (stackable/storable) ● One hundred fifty (150) Wenger music stands ● Storage cages for 25 large instruments (tympani, tuba, etc.) ● Provide for multiple types of performances (theatre, concerts, presentations, etc.) ● Middle aisle seating arrangement ● Stage should be accessible to all from auditorium ● Stage to accommodate 150 performers in chairs with music stands ● Stage fly considerations ● Ceiling cloud structures adjustable for acoustics control ● Fire curtain, and all applicable safety standards ● Moveable side curtains ● Stage lighting and sound systems appropriate for size of stage and auditorium ● Control Room – connectivity to all built in lighting, video recording, and sound production within auditorium, green room, and music classrooms; storage for microphones and computers used in productions

STUDIO THEATER/DRAMA CLASSROOM
<p>SPACE: 2,600 square feet for theater/classroom 100 square feet for Control Room</p>
<ul style="list-style-type: none"> ● Flat-floor-type studio theatre for theatrical performances in a variety of configurations, drama teaching, and rehearsals ● 2400 square feet main level plus seating gallery on three sides ● Production support for theatrical performance including pipe grid overhead and associated theatrical technology ● Control booth above seating gallery ● HVAC equipment to include sound deadening air handling equipment ● Front projection system with motorized screen ● Multicam video recording ● Dedicated IDF for high speed 10GB data ● Loading door in upstage wall for access to scenery loading and equipment storage

SCENE SHOP /PROP STORAGE/ART MAKER SPACE	
<p>SPACE: 800 square feet NUMBER: One (1)</p>	
Furniture & Equipment	<ul style="list-style-type: none"> ● Support space to the Studio Theatre for construction and repair of scenery, props, and theatre equipment
Storage	<ul style="list-style-type: none"> ● 8’ wood block work bench with cabinets below.
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75”) ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> ● High space with doors to Studio Theatre 12’ high or as high as practical ● Deep sink with paint trap ● Distribute multiple power circuits around perimeter for power tools.
Safety Requirements	<ul style="list-style-type: none"> ● Per OSHA standards
Flooring	<ul style="list-style-type: none"> ● Wood floor with Stagelam finish surface to match Studio Theatre floor

COSTUME STORAGE	
SPACE: 75 square feet	
NUMBER: One (1)	
Storage	<ul style="list-style-type: none"> • Adjustable shelving/racks for costume storage
Utility Requirements	<ul style="list-style-type: none"> • Humidity control
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile
Other Requirements	<ul style="list-style-type: none"> • Adjacent to

GENERAL PERFORMING ARTS STORAGE	
SPACE: 325 square feet	
NUMBER: One (1)	
Storage	<ul style="list-style-type: none"> • Adjustable shelving
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile
Other Requirements	<ul style="list-style-type: none"> • Adjacent to

MAKE-UP/DRESSING ROOM	
SPACE: 150 square feet (1)	
200 square feet (1)	
NUMBER: Total: Two (2) dressing rooms	
<ul style="list-style-type: none"> • Include monitor to observe stage action • Two (2) walls of vanity countertops with mirrors and lighting; USB outlets • Two (2) sinks, soap and towel dispensers 	

DRESSING ROOM RESTROOM	
SPACE: 60 square feet (each)	
NUMBER: Three (2)	

CAREER & TECHNICAL EDUCATION PROGRAMS

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 30 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

APPLICATION LAB – WOOD	
<p>SPACE: 1,700 square feet</p> <p>NUMBER: One (1) lab</p>	
Furniture & Equipment	<ul style="list-style-type: none"> ● Table saws (2) ● Wood lathes (3) ● Miter saw tables (2) ● Work top benches (4) ● Large belt sander (1) ● Small belt sanders (2) ● Band saws (5) ● Shaper table (1) ● Router tables (2) ● Drill presses (2) ● Planer (1) ● Drum sander (1)
Storage	<ul style="list-style-type: none"> ● Lumber storage rack ● Lockable cabinets on rear wall

APPLICATION LAB – WOOD	
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> ● Outside caged in area for building large projects ● Specific outlets for tools (drop plugs for equipment) ● Outlets above work top counters ● Compressed air lines for tools ● Exhaust fans in Finishing Room ● Dust collection piping for each equipment
Safety Requirements	<ul style="list-style-type: none"> ● Emergency eyewash station ● Fume hood for Finishing Room ● Power shut off for equipment ● Personal protective equipment (PPE) cabinet, ● Appropriate combustion class fire extinguishers ● Eye wash and emergency showers where applicable ● Lab stations, sinks, fume hoods, stationary power equipment, etc. to meet accessibility standards ● Emergency first aid equipment with cabinet ● Meet all applicable OSHA workplace standards
Flooring	<ul style="list-style-type: none"> ● Movable fatigue mats ● Floors that can be easily swept (concrete)
Boards	<ul style="list-style-type: none"> ● 8-10 feet of whiteboard next to smart board on front wall ● Rolling whiteboards ● Bulletin boards lining the back wall
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input ● Teaching/demonstration technology
Other Requirements	<ul style="list-style-type: none"> ● Consider design that would allow instruction to be visible from hallway ● Windows between classroom and construction lab

APPLICATION LAB – AUTO	
SPACE: 1,900 square feet	
NUMBER: One (1) lab	
Furniture & Equipment	<ul style="list-style-type: none"> ● Automotive lift ● Tire balancer ● Tire mounting machine ● Drill presses ● Metal lathes ● Band saws ● Large rolling tool boxes ● Large rolling tables ● 4-5 Welders in separate welding area
Storage	<ul style="list-style-type: none"> ● For tools and materials (foam core, plywood, lumber, metal and aluminum)

APPLICATION LAB – AUTO	
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> ● Ventilation
Safety Requirements	<ul style="list-style-type: none"> ● Emergency eyewash station ● Machine power shut off ● Meets OSHA standards and requirements ● Personal protective equipment (PPE) cabinet, ● Appropriate combustion class fire extinguishers ● Eye wash and emergency showers where applicable ● Lab stations, sinks, fume hoods, stationary power equipment, etc. To meet accessibility standards ● Emergency first aid equipment with cabinet ● Meet all applicable OSHA workplace standards
Flooring	<ul style="list-style-type: none"> ● Moveable fatigue mats ● Flooring that can be easily swept up (concrete)
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards (wall-to-wall) on front and side walls ● Rolling whiteboards ● Bulletin boards lining the back wall
Classroom Technology – Students	<ul style="list-style-type: none"> ● Large plotter/printer (2'-3' wide)
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input ● Teaching/demonstration technology
Other Requirements	<ul style="list-style-type: none"> ● Consider design that would allow instruction to be visible from hallway ● Model after “industrial standard” machine shop such as Lyme/Old Lyme High School

APPLICATION LAB – CULINARY	
<p>SPACE: 750 square feet for Kitchen 120 square feet for Cooler/Freezer 200 square feet for Ware Washing</p> <p>NUMBER: One (1) lab</p>	
Furniture & Equipment	<p>The Culinary Arts facility will be designed to provide an opportunity for a broad range of teaching and learning experiences. This facility will be totally self-sustaining without dependence upon outside commissary operations.</p> <p>The Kitchen will be designed to provide a teaching atmosphere as well as requiring storage, production and some serving facilities. This space shall accommodate instructor(s) and approximately ten to fifteen (10-15) students per class session.</p> <p>Equipment will not be selected based on production capacity. The selection of equipment shall provide access and experience to a wide variety of activities requiring the preparation and production of all types of meals and baked products.</p>
Storage	<ul style="list-style-type: none"> ● Appropriate storage to complement cooking equipment for cooking utensils, cookware, food items and supplies

APPLICATION LAB – CULINARY	
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Cameras for cooking demonstration/projection
Utility Requirements	<ul style="list-style-type: none"> ● Power and utilities to support equipment ● In-line grease traps as per TOF FOG (fats, oil, and grease program)
Safety Requirements	<ul style="list-style-type: none"> ● Emergency first aid equipment with cabinet ● Meet all applicable OSHA workplace standards
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile; slip resistant; easy cleanup
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards ● Bulletin boards lining the back wall
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> ● Consider design that would allow instruction to be visible from hallway

STORAGE
<p><u>SPACE:</u></p> <p>400 square feet 2 @ 200 s.f. ea.</p> <p>250 square feet (2 @ 125 s.f. ea.) for Student Project Storage</p> <p>900 square feet Outdoor Materials Storage</p> <p><u>NUMBER: Total:</u> Four (4) storage areas</p>

SHARED RELATED CLASSROOM WOOD & AUTO	
<p><u>SPACE:</u> 200 square feet</p> <p><u>NUMBER:</u> One (1) classroom</p>	
Furniture & Equipment	<ul style="list-style-type: none"> ● Comfortable chairs/desks/tables to accommodate up to twenty (20) students (flexible/adaptable/easily movable work stations) ● Teacher desk/chair (possibly built in to counter area to save space)
Storage	<ul style="list-style-type: none"> ● Built-in counters with shelving below around perimeter of the room ● Counters to showcase student work and/or allow for standing collaborative work ● Secured storage for materials
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile or flooring that allows for easy movement of furniture ● Walls should be functional work spaces and for showcasing student work
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards (wall-to-wall) on front and side walls ● Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> ● Closed deep display cases in Learning Community corridors
Classroom Technology – Students	<ul style="list-style-type: none"> ● Ten (10) computers ● One (1) printer

SHARED RELATED CLASSROOM	
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> ● Consider design that would allow instruction to be visible from hallway

CULINARY RELATED CLASSROOM	
SPACE: 575 square feet for classroom	
NUMBER: One (1) classroom	
Furniture & Equipment	<p>The Culinary Arts facility will be designed to provide an opportunity for a broad range of teaching and learning experiences. This facility will be totally self-sustaining without dependence upon outside commissary operations.</p> <p>The Kitchen will be designed to provide a teaching atmosphere as well as requiring storage, production and some serving facilities. This space shall accommodate instructor(s) and approximately ten to fifteen (10-15) students per class session.</p>

CULINARY RELATED CLASSROOM	
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile or flooring that allows for easy cleanup ● Walls should be functional work spaces and for showcasing student work
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards (wall-to-wall) on front and side walls ● Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> ● Closed deep display cases in Learning Community corridors
Classroom Technology – Students	<ul style="list-style-type: none"> ● One (1) Chromebook cart with 16 Chromebooks ● Charging station for cart
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> ● Consider design that would allow instruction to be visible from hallway

ROBOTICS RELATED CLASSROOM	
SPACE: 810 square feet	
NUMBER: One (1) classroom	
Furniture & Equipment	<ul style="list-style-type: none"> ● Five (5) to six (6) tables for collaborative work (flexible/adaptable/easily movable work stations) ● Teacher desk/chair (possibly built in to counter area to save space) ● Kitchenette with refrigerator, stove, microwave, coffee pot, sink, countertops, cabinetry
Storage	<ul style="list-style-type: none"> ● Shelves to store totes of equipment and supplies ● Filing cabinet ● Built-in counters with shelving below around perimeter of the room ● Counters to showcase student work and/or allow for standing collaborative work ● Secured storage for materials
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Utility Requirements	<ul style="list-style-type: none"> ● Three (3) to four (4) outlets on each wall
Safety Requirements	<ul style="list-style-type: none"> ● Personal protective equipment (PPE) cabinet, ● Appropriate combustion class fire extinguishers ● Eye wash and emergency showers where applicable ● Lab stations, sinks, fume hoods, stationary power equipment, etc. To meet accessibility standards
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile or flooring that allows for easy cleanup ● Walls should be functional work spaces and for showcasing student work
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards (wall-to-wall) on front and side walls ● Bulletin boards lining the back wall
Display/Storage of Student Work	<ul style="list-style-type: none"> ● Closed deep display cases in corridors (trophies and awards)
Classroom Technology – Students	<ul style="list-style-type: none"> ● One (1) Chromebook cart with 20 Chromebooks ● Charging station for cart

ROBOTICS RELATED CLASSROOM	
Classroom Technology - Teacher	<ul style="list-style-type: none"> ● One (1) wall mounted teacher computer ● 22-inch display ● DVD/Blu-ray ● Wireless keyboard/mouse ● Aux HDMI input
Other Requirements	<ul style="list-style-type: none"> ● Consider design that would allow instruction to be visible from hallway ● Adjacent to shared lab space ● In close proximity to garage door to outside for transport of robots ● Charging station for battery operated tools

COMPRESSOR ROOM
SPACE: 75 square feet
NUMBER: One (1)

FINISHING ROOM
SPACE: 150 square feet
NUMBER: One (1)

PHYSICAL EDUCATION PROGRAMS

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 30 mobile devices
- Multiple electrical outlets
- Sound Field System
- Telephone
- Intercom communication with office
- Motorized dividing partition between the main gym and the auxiliary gym

GYMNASIUM	
SPACE: 16,000 square feet	
Safety Requirements	<ul style="list-style-type: none"> • Standard wall padding as required
Flooring	<ul style="list-style-type: none"> • All-purpose wood floor system with essential markings • Removable protective matting
Technology	<ul style="list-style-type: none"> • Adequate wireless connectivity
Other Requirements	<p>One high school competition main basketball court (50'x84')</p> <p>Two cross courts (50'x84' as well)</p> <ul style="list-style-type: none"> • Bleacher seating to seat school population • Ceiling mounted air destratification fans • Roll-up vinyl mesh half-court divider • Sound system

TRAINING ROOM	
SPACE: 300 square feet	
NUMBER: One (1)	
Furniture & Equipment	<ul style="list-style-type: none"> ● Taping tables with adjustable heights (32" – 40") ● Adjustable height stools ● Rolling carts ● Dollies ● Laundry bins ● Floor lamps
Storage	<ul style="list-style-type: none"> ● Built-in counters with shelving below around perimeter of the room ● Adjustable shelves ● Cabinets ● Wall peg storage
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile
Boards	<ul style="list-style-type: none"> ● Multiple magnetic whiteboards (wall-to-wall) ● Bulletin boards lining the back wall
Other Requirements	<ul style="list-style-type: none"> ● Close to medical services ● Close to locker rooms ● Ice making machine

MULTI-USE P.E. ROOM – WEIGHT ROOM	
SPACE: 3,000 sq. ft.	
NUMBER: One (1)	
Furniture & Equipment	<ul style="list-style-type: none"> ● Standard weight room equipment; free weights and machines
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75") ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Safety Requirements	<ul style="list-style-type: none"> ● Appropriate safety measures for all weight room equipment
Flooring	<ul style="list-style-type: none"> ● Rubber flooring
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboards ● Bulletin boards
Technology	<ul style="list-style-type: none"> ● Sound system
Other Requirements	<ul style="list-style-type: none"> ● Mirrored walls ● Adequate electrical supply for aerobic equipment

STUDENT LOCKER ROOM	
SPACE:	1,560 square feet
NUMBER:	Two (2) @ 780 s.f. ea.

STUDENT LOCKER ROOM –TEAM ROOM	
SPACE:	200 square feet (1) 2110 square feet (2 @ 1055 ea.)
NUMBER: Total:	Three (3)

STUDENT RESTROOM/SHOWER	
SPACE:	2,100 square feet
NUMBER:	Four (4) @ 525 s.f. ea.

PHYSICAL EDUCATION STORAGE	
SPACE:	350 square feet (each)
NUMBER:	Four (4)
Storage	<ul style="list-style-type: none"> • Adjustable shelving
Flooring	<ul style="list-style-type: none"> • Vinyl enhanced tile

ATHLETIC DIRECTOR OFFICE	
SPACE:	235 square feet
NUMBER:	One (1)
Furniture & Equipment	<ul style="list-style-type: none"> • Teacher desk/chair • Table and chairs to accommodate people • Bookshelves
Storage	<ul style="list-style-type: none"> • Lockable teacher storage wardrobe • One (1) lockable four-drawer filing cabinet
Flooring	<ul style="list-style-type: none"> • Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> • Magnetic whiteboard • Bulletin boards
Technology	<ul style="list-style-type: none"> • One (1) teacher computer

P.E. OFFICES	
Department Head Office (1) 235 s.f. P.E./Athletic Office (Teachers) (2) @ 200 s.f. Stud. Activity Dir. Office (1) @ 120 s.f. (Trainer, Dept. Head,) 1 @ 120 s.f.	
Furniture & Equipment	<ul style="list-style-type: none"> ● Teacher desk/chair ● Visitor seating ● Bookshelves
Storage	<ul style="list-style-type: none"> ● Lockable teacher storage wardrobe ● One (1) lockable four-drawer filing cabinet
Flooring	<ul style="list-style-type: none"> ● Wall-to-wall carpeting
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboard ● Bulletin boards
Technology	<ul style="list-style-type: none"> ● One (1) teacher computer

STAFF SHOWER
SPACE: 80 square feet NUMBER: Two (2)

ATHLETIC STORAGE	
SPACE: 320 square feet (each) NUMBER: Two (2)	
Storage	<ul style="list-style-type: none"> ● Adjustable shelving
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile

LAUNDRY
SPACE: 60 square feet (1) 300 square feet (1) NUMBER: Total: Two (2)

STUDENT DINING SERVICES

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 30 mobile devices
- Multiple electrical outlets
- Sound Field System
- Telephone
- Intercom communication with office

STUDENT DINING	
SPACE: 7,852 square feet <i>(Based on 3 lunch periods and 17.5 sf/seat)</i>	
Furniture & Equipment	<ul style="list-style-type: none"> ● “Floor Finish Friendly” tables and seating (for quick, easy cleaning) for 426 students per lunch wave ● “McDonald’s” type enclosed trash containers strategically located in the dining area
Storage	<ul style="list-style-type: none"> ● See table storage
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75”) (or multiple LCD panels) ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile or flooring that allows for easy cleanup
Boards	<ul style="list-style-type: none"> ● Bulletin Boards ● Signage and displays to be determined

STAFF DINING	
SPACE: 530 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> ● Tables and chairs for up to thirty (30) staff members
Teaching Aides/Equipment	<ul style="list-style-type: none"> ● Document Camera ● Interactive LED Panel (at least 75”) ● Wall/ceiling mounted speakers ● Consider other innovative projection devices for collaborative work
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile or flooring that allows for easy cleanup
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboards ● Bulletin boards

TABLE STORAGE
SPACE: 400 square feet
NUMBER: One (1)

FOOD SERVICES

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access
- Multiple electrical outlets
- Wall mount telephone
- Intercom communication with office

KITCHEN	
<p>SPACE: Preparation Area: 1,470 square feet Dry Food Storage: 550 square feet Cooler/Freezer: 365 square feet Ware Washing: 300 square feet Serving Area: 2,750 square feet</p> <p><i>Note "Design Report – New Facility; Food Service – Main Kitchen," Schiavone Designs, LLC, November 7, 2016</i></p>	
Furniture & Equipment	<ul style="list-style-type: none"> ● Double sink preparation tables each with one (1) standard faucet and one (1) pre-rinse faucet ● Slicing machine ● Buffalo chopper ● Food processor ● 40 quart mixer ● Coffee brewing systems ● Small ice making machine ● Upright blast chiller ● Microwave oven to be located in cafeteria ● Two (2) Double Deck Convection Ovens ● One (1) Combi-Oven ● One (1) Convection Steamer ● One (1) 40 Gallon Tilting Skillet ● One (1) Four (4) Burner Range ● A Ware washing room will be provided, fitted with a ware wash machine with raised hood and support tables ● Three (3) compartment sink assembly with drain boards for pot and pan washing; each compartment shall measure 27" x 27" x 16" deep; a pre-rinse spray assembly required at one (1) sink compartment ● Hot & Cold Food Stations ● Flat Hot-Top Pizza Stations ● Exhibition Cooking Station ● Deli Stations ● Express Stations for self-serve foods and dry display snacks ● Refrigerated merchandisers for bottled beverages ● Frozen Yogurt & Topping Station ● Cashier stations strategically located at the exit from the Servery ● Mobile condiment stations to be located at the exit of the Servery
Storage	<ul style="list-style-type: none"> ● As noted above
Utility Requirements	<ul style="list-style-type: none"> ● Utility Distribution System with quick disconnect devices for all services ● Walk-in refrigerators and freezers will require back-up generator power; audio/visual temperature alarm; refrigeration control alarm; temperature alarms to be wired to "Building Monitoring System" ● Water conservation methods ● Provide High Efficiency Energy Star Label Equipment & lighting ● Exhaust hoods: Demand Control Ventilation Package ● Consider Waste Reduction System ● Temperature maintenance, water filtration and sanitation to promote food safety ● Exterior in-line grease trap to conform to TOF FOG program
Safety Requirements	<ul style="list-style-type: none"> ● Eyewash/drench shower located within proximity to the cooking and ware washing areas ● "Industrial" type water filter(s) to filter water before it enters the Utility Distribution System, which will feed the Steamer and Kettles ● Space complies with all applicable OSHA workplace standards

KITCHEN	
Flooring	<ul style="list-style-type: none"> ● Architect to review with Administration and Food Service
Boards	<ul style="list-style-type: none"> ● Bulletin boards, as appropriate
Technology	<ul style="list-style-type: none"> ● Network drop for cashier stations ● Technology to run through district IT system
Other Requirements	<ul style="list-style-type: none"> ● Seryery to be designed as a “free-flow” and open landscape arrangement to allow for patron self-service ● Selected doors in the food service area to be 42” wide

DIETICIAN OFFICE	
SPACE: 250 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> ● Desk/chair per dietician ● Visitor seating
Storage	<ul style="list-style-type: none"> ● Three (3) lockable teacher storage wardrobe ● Three (3) lockable four-drawer filing cabinet
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboard ● Bulletin boards
Technology	<ul style="list-style-type: none"> ● One (1) computer per dietician
Other Requirements	<ul style="list-style-type: none"> ● Office to be glazed to the greatest degree possible

RESTROOM/LOCKER ROOM	
SPACE: 120 square feet	
NUMBER: Two (2)	

CUSTODIAL SERVICES

CUSTODIAL WORKROOM	
SPACE: 960 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> ● Workbench, vise, stool ● Compressed air system ● Chain fall
Storage	<ul style="list-style-type: none"> ● Steel storage shelves ● Lockable tool cabinets ● Wall-mounted tool hanging system
Utility Requirements	<ul style="list-style-type: none"> ● Water spigot with hose rack ● Adequate electrical service
Safety Requirements	<ul style="list-style-type: none"> ● PPE cabinet and first aid cabinet ● Meet all applicable OSHA workplace standards
Flooring	<ul style="list-style-type: none"> ● Grease resistant epoxy finish over concrete
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboards ● Bulletin boards
Other Requirements	<ul style="list-style-type: none"> ● Overhead rollup door ● Direct access to outside

CUSTODIAL OFFICE	
SPACE: 150 square feet	
Furniture & Equipment	<ul style="list-style-type: none"> ● Two (2) desk/chair ● Workstation table ● Visitor seating for four (4) ● Small refrigerator
Storage	<ul style="list-style-type: none"> ● Sixteen (16) lockable storage wardrobes ● One (1) lockable four-drawer filing cabinet
Flooring	<ul style="list-style-type: none"> ● Vinyl enhanced tile
Boards	<ul style="list-style-type: none"> ● Magnetic whiteboard ● Bulletin boards
Technology	<ul style="list-style-type: none"> ● Two (2) teacher computers ● One (1) laptop or PC for building automation ● Time clock computer
Other Requirements	<ul style="list-style-type: none"> ● A restroom should be in close proximity to custodial office

BUILDING SERVICES (Non-Program Spaces)

Space Description	Quantity	Square Feet	Total
Large Group Restrooms	1	6,950	6,950
Custodial Closet	10	50	500
Electrical Closet	6	50	300
Information Technology Suite	1	1,490	1,490
Telecommunications Room	6	64	384
Corridors	1	35,722	35,722
Vertical Circulation	4	400	1,600
Vertical Circulation	2	310	620
Mechanical/Electrical Space/Decks	1	12,853	12,853
Storage Area	1	1,700	1,700
Central Storage Area	1	580	580
Loading/Receiving	1	120	120
Restroom	1	60	60
Recycling Room	1	100	100
Outside Equipment Storage	1	540	540
Total			63,519

TOTAL SQUARE FOOTAGE SUMMARY

TOTAL PROGRAM AREA	178,258 square feet
TOTAL BUILDING SERVICES /CORE AREA	63,519 square feet
TOTAL BUILDING AREA <i>(inside face of wall)</i>	238,452 square feet
TOTAL GROSS SQUARE FOOTAGE <i>(outside face of walls .11 % construction factor)</i>	264,682 square feet

The Central Office Administration program shall occupy a gross area total of 9,626 square feet of space within the Farmington High School facility. The detailed description of spaces is identified in the companion document, “Educational Specifications for Farmington Public Schools Central Office Administration.”

IX. COMMUNITY USE

The community uses Farmington High School in various ways. The most significant community use is by the Farmington Continuing Education and Recreation programs that use the high school on nights and weekends throughout the year for adult and youth enrichment and recreational activities. This use consists of the gym, classrooms, art rooms, computer labs, auditorium, and cafeteria.

Other groups that regularly use the facilities after school hours include:

- Civic organizations
- Municipal boards and groups
- PTO
- Performing Groups
- Registrar of Voters
- Local Non-Profit organizations
- Booster Clubs
- Parent Groups

The school facility will serve as an emergency shelter.

X. ENVIRONMENT – SYSTEMS – EQUIPMENT

SYSTEM	SPECIFICATIONS
General	<ul style="list-style-type: none"> ● Wall mounted AED's in key locations throughout the building ● Architectural provisions, including hardware, to facilitate security procedures as outlined in the All hazard Safety and Security Plan (AHSSP) ● Designs that allow instruction and collaborative learning to be visible from hallways must make provisions for the creation of a safe area for security lockdowns as described in the AHSSP
Building Systems	<ul style="list-style-type: none"> ● The building systems incorporated into the new construction will be designed in accordance with Connecticut High Performance Building standards, equivalent in performance to a LEED Silver rating.
Heating/Cooling (HVAC) System	<ul style="list-style-type: none"> ● Heating & cooling should be produced with natural gas with a boiler for heating and roof top DX cooling. Consider including Geo-thermal wells for energy efficiency. ● All spaces are to receive air conditioning, but only those areas with summertime use will have the systems running year-round; all other areas will have systems set to dehumidification only during summer months. ● In-line water heaters for domestic hot water shall be provided during non-heating season usage. ● Energy recovery units, VFD fan systems and pumps to be utilized in the design. ● Perimeter heating will be provided by fin tube radiation and the possible use of ceiling mounted radiant panels, cooled by a VAV system with each room served by a dedicated VAV box and hydronic reheat coil. ● The use of "chill beams" will be considered for general heating and cooling. Designer to provide additional information on chill beam systems to Owner. ● The gymnasium/auditorium and cafeteria will be served by separate variable speed air handlers. Air handlers shall include a hot water heating coil and DX cooling coils.
Climate Controls/Ventilation System	<ul style="list-style-type: none"> ● Tridium

SYSTEM	SPECIFICATIONS
Lighting System	<ul style="list-style-type: none"> ● Consider LED lighting throughout where possible ● Efficient and appropriate natural lighting will be maximized within the facility as appropriate for the programmatic use of the spaces. ● Motion sensors and dual switching will be installed in classrooms. ● The use of fluorescent lights throughout, with exceptions in specialty areas. ● Attention should be given to security lighting for both interior and exterior of the building. ● Emergency backup will be via local battery ballasts. ● The use of light shelves and light sensors for natural light to reduce electrical load shall be considered in locations where possible.
Electrical (Power) System	<ul style="list-style-type: none"> ● Power to be provided by local utility company. ● Consider solar roof mounted. ● Distribution will include customer metering. ● Auto Transfer generator
Technology	<ul style="list-style-type: none"> ● There shall be a combined voice/data system with “VOIP” (Voice Over Internet Protocol) design. ● The school shall have wall mounted LED panels with media controlled both locally from the teacher’s station and with a centralized media system at the head end (“DIVOS system”). ● Head equipment to be housed in an MDF with 24-hour environmental control. ● Horizontal cabling shall be Category 6e or contemporary equivalent. ● Cable trays shall be run in corridors to support horizontal cable structure. ● Fiber backbone between the MDF and IDF rooms shall be single-mode type (10GB minimum). ● Fiber optical cable from street to MDF provided by LightTower
Security	<ul style="list-style-type: none"> ● Clear, attractive signage inside and outside the building ● Digital video surveillance of exterior/interior areas of the building with high resolution and infrared (IR) technology where applicable ● Design the plan to prevent access to instructional areas of the school when community events take place in assembly areas during non-school hours. ● Motion sensors shall be mounted in corridors. ● Respond to future state and/or federal mandates related to security requirements for high school facilities such as the CT DAS School Safety Infrastructure Standards ● “Door open” status on-screen notifications ● Prox card entry system on selected exterior and interior doors ● Electronic security system with keypad access control installed into the school and integrated with prox card entry system (for limited credentials) ● Door locks shall have Medeco high security lock cylinders
Phone System	<ul style="list-style-type: none"> ● A comprehensive, district-integrated phone system (dial-out) will be integrated into technology scope of the project, including hands-free and handle options. ● Install phones in every room of the facility occupied by teachers or students at any given time, including all support and instructional spaces. ● Provide Voice Over “IP” options.
Public Address	<ul style="list-style-type: none"> ● The building’s public address system is comprehensive and will be addressed as part of the technology component of the project to incorporate internal building communications as well as external communications. ● The PA system should be developed in conjunction with the phone, clock, data, voice and DIVOS video distribution system of the school. ● Secondary access to security and public address systems will be located in the MDF/Head End Room.

SYSTEM	SPECIFICATIONS
Clocks	<ul style="list-style-type: none"> • Clocks, similar to the phone system will be integrated into the technology component of the project. • All support and instructional spaces will be included. • System to have manual override capability in the event that Daylight Saving Times are adjusted by the Federal Government.
Plumbing System	<ul style="list-style-type: none"> • Plumbing fixtures/system will be designed per current and applicable codes. • Fixtures will be self-operating • Plastic piping to be considered for domestic water and heating where possible. • Floor drains in gang toilet areas • Plumbed for full whole building sprinkler system • Separate metering for Town Grounds department irrigation system and concession stand
Fire Protection	<ul style="list-style-type: none"> • Building will be fully protected by a sprinkler system installed per NFPA 13.
Fire Alarm	<ul style="list-style-type: none"> • The building will be protected by a fully addressable analog, manual and automatic fire alarm system.
Acoustics	<ul style="list-style-type: none"> • The building will comply with ANSI S12.60-2002: Acoustical Performance Criteria, Design Requirements and Guidelines for Schools. • Suspended acoustical ceilings and/or acoustical decks will be installed throughout the building. • Corridor walls should be constructed of glazed concrete masonry units, or materials with a comparable NRC rating, and provide an adequate separation for sound control. • In specialized areas, such as media centers, appropriate acoustical treatments will be installed. • Sound field system will be provided in each classroom.
Windows/Doors	<ul style="list-style-type: none"> • Windows should be high efficiency, non-operational type with low e-glazing. • Emergency egress windows and rated doors will be installed in accordance with applicable codes. • Key fobs, thumb latches, vision panels – review with District and integrate with security section. • Door locks shall have Medeco cylinders

XI. SITE DEVELOPMENT

There will be one primary common entrance area to the building for students arriving by bus, in their own cars, or being dropped off by parents. As vehicles enter the site, student drivers will be directed to a student parking lot, and parents dropping off students will be directed through a separate drop off route from buses. Passive security measures, such as visual control of the entrances from the adjacent office area, must be planned for. Active security measures and systems will be developed with the building design. Adequate lighting for monitoring activities and ensuring safety are of paramount importance at the building entrance. Entry overhangs or covered walkways will be provided for inclement weather to the extent practicable.

Bus loading areas should be configured as a one-way drive in a direction to assure that loading and unloading of students occurs from the right-hand side of the vehicle adjacent to the building. The drive will have two lanes: one for travel, and one for stopping and unloading. The bus loading driveway should be located such that buses exit upstream of automobiles, thereby reducing delays.

Parent drop-off areas will also be configured as a one-way drive in a direction to ensure that loading and unloading of students occurs from the right-hand side of the vehicle adjacent to the building. Student drop-off and pick-up areas are to be separated from the bus loading area, and preferably should be separate from other parking lots.

Parking for staff and visitors will be developed to take the multiple uses of the building into account. In determining the size and location of the parking lots, consideration will be given to the use of the building for community access as well as student safety. ADA and other code requirements will be addressed in the design of parking. **It is expected that a minimum of 550 parking spaces will be provided to serve the new facility.**

Sidewalks will be featured around the perimeter of the school, and shall be concrete with monolithic concrete curbing. Access to the parking lots, athletic fields, bus and parent pickup/drop-off areas, and access for student walkers will be

addressed. Sidewalks should be designed to accommodate students who walk or ride bicycles to school. The number of driveways that are crossed by sidewalks should be eliminated/minimized as much as practicable.

Playfields, parking, service drives, drop-off zones and bus zones should be located to reduce the cost of connecting elements without requiring pedestrians to cross vehicular traffic lanes. The location of driveways, walkways and landscaping must permit adequate sight distances for both vehicles and pedestrians.

Site utilities and physical plant components, including drives and access roads, will be located to avoid conflict with student and vehicular traffic, as well as the planned future growth of building components.

Consideration shall be given to maximize outside spaces by creating outdoor learning spaces as well walking paths around the perimeter of the property. Landscaping will be designed to allow the school to blend with the environment as well as to provide passive cooling and windbreaks when possible. Trees and other greenery will be of a hearty variety and require little maintenance and which complement the building and site. Trees will be planted a sufficient distance from the building to avoid future maintenance problems. Consideration will be given to safety and security when placing foliage around walkways and areas of building access.

FARMINGTON HIGH SCHOOL ED SPECS SPACE SUMMARY			
Room Description	Required # of Rooms	Square Feet Per Room	Total Area (Sq. Feet)
ACADEMIC CORE PROGRAMS			
Academic Core Classrooms	46	810	37,260
Science: General/Physics	4	1,200	4,800
Science: Chemistry	4	1,200	4,800
Science: Biology	4	1,200	4,800
Science: Engineering	1	1,000	1,000
Science Prep Workroom	6	300	1,800
Application Lab/Computer Science	1	1,000	1,000
Application Lab/Engineering Maker Space	1	800	800
Breakout Areas/Commons	6	1,200	7,200
Small Group Room	6	150	900
Small Group Room	9	400	3,600
Teacher Prep Workroom/Copy	6	900	5,400
Staff Restroom	12	60	720
Instructional Materials Storage	8	200	1,600
Total	114		75,680
SPECIAL EDUCATION PROGRAMS			
Self-Contained Classroom – SLC: FRIENDS ROOM	1	1,100	1,100
Self-Contained Classroom – SLC	1	900	900
SLC Large Equipment Storage Room	1	100	100
Special Education Resource – LC	2	450	900
Small Self-Contained Classroom – STEP	2	600	1,200
Small Self-Contained Classroom – SAILS	1	600	600
OT/PT Room	1	200	200
Restroom/Shower	3	100	300
Special Education Department Head Office	1	120	120
Special Education Administration Office/Records	1	250	250
ED Testing Room	1	80	80
Speech & Language Room	1	75	75
Large Conference Room (IEP)	1	300	300
Teacher Prep Workroom	1	150	150
Total	18		6,275
ALTERNATIVE HIGH SCHOOL			
Vestibule and Main Office	1	270	270
Social Worker Office	1	150	150
Conference Room	1	300	300
Classroom	1	700	700
Storage Room	1	100	100
Restroom	1	70	70
Total	6		1,590
ADMINISTRATION AND SUPPORT SERVICES			
Principal's Office	1	250	250
Main Office: Reception, Secretarial Area, Storage	1	880	880

Assistant Principal Office	2	150	300
Dean of Students Office	1	150	150
Data Specialist Office	1	140	140
School Resource Officer	1	100	100
Conference Room	1	350	350
Mail/Work/Copy Room	1	200	200
School Counselor Office	9	125	1,125
Counseling Waiting Area	1	150	150
Counseling Administrative Area/Storage	1	505	505
Counseling Classroom/Conference	1	625	625
Counseling Collaboration Room	1	200	200
Counseling Work/Copy/Kitchenette	1	100	100
Career Center	1	450	450
Secure Materials Testing Storage	1	250	250
Psychologist Office	2	150	300
Social Worker Office	2	150	300
Administrative Restrooms	4	60	240
Behavioral Intervention Classroom	1	400	400
Health Clinic	1	800	800
Total	35		7,840
MEDIA CENTER			
Reading Room/Circulation	1	5,211	5,211
Multimedia Production Studio: Edge Studio	1	1,500	1,500
Conference Room/Breakout	2	200	400
Media Specialist Office	2	120	240
Workroom/Storage	1	150	150
Main Server Room	1	120	120
Multimedia Equipment Storage	1	300	300
Break-out Area	1	500	500
Café/Periodical/Student Work Area	1	500	500
Media Center Classroom Area	1	800	800
Amphitheater Area	1	800	800
Total	13		10,021
VISUAL ARTS PROGRAMS			
Art Room – Ceramics	1	1,000	1,000
Art Room – Digital Lab	1	1,000	1,000
Art Room – Crafts	1	1,000	1,000
Art Room – Photo Lab	1	1,000	1,000
Art Room – 2D Studio	1	1,000	1,000
Kiln/Ceramic Storage	1	200	200
Art Materials Storage	4	150	600
Teacher Prep Workroom	1	250	250
Total	11		6,050
MUSIC PROGRAMS			
Instrumental/Band Room	1	2,375	2,375
Vocal Room	1	1,600	1,600

Music Library/Storage	1	150	150
Instrument Storage	1	305	305
Guitar storage	1	200	200
Uniform Storage	1	200	200
Music Office	1	250	250
Practice Room	5	80	400
Ensemble Room	1	240	240
Ensemble Room	1	180	180
Total	14		5,900
PERFORMING ARTS PROGRAMS			
Auditorium	1	8,300	8,300
Stage and Wing Space	1	1,400	1,400
Control Room (Auditorium)	1	125	125
Studio Theater/Drama Classroom (Black Box, Green Room)	1	2,600	2,600
Control Room (Studio Theater)	1	100	100
Make-up/Dressing Room	1	150	150
Make-up/Dressing Room	1	200	200
Costume Storage	1	75	75
General Performing Arts Storage	1	325	325
Dressing Room Storage	2	60	120
Total	11		13,395
CAREER AND TECHNICAL EDUCATION PROGRAMS			
Application Lab – Wood	1	1,700	1,700
Application Lab – Auto	1	1,900	1,900
Application Lab – Culinary	1	750	750
Storage	2	200	400
Student Project Storage	2	125	250
Culinary Related Classroom	1	575	575
Robotics Related Classroom	1	810	810
Shared Related Classroom	1	200	200
Compressor Room	1	75	75
Finishing Room	1	150	150
Culinary Cooler/Freezer	1	120	120
Culinary Ware Washing	1	200	200
Total	14		7,130
PHYSICAL EDUCATION PROGRAMS			
Gymnasium	1	10,000	10,000
Auxiliary Gymnasium	1	6,000	6,000
Training Room	1	300	300
Multi-use P.E. Room – Weight Room	1	3,000	3,000
Student Locker Room	2	780	1,560

Student Locker Room – Team Room	1	200	200
Student Locker Room – Team Room	1	400	400
Student Restroom/Shower	2	525	1050
Physical Education Storage	1	350	350
Athletic Director Office	1	235	235
Department Head Office	1	235	235
P.E./Athletic Office (Teachers)	2	200	400
Student Activities Director’s Office	1	120	120
P.E./Athletic Office (Trainer, Dept. Head, Stud. Act. Dir.)	1	120	120
Staff Shower	2	80	160
Athletic Storage	1	640	640
Laundry – small	1	60	60
Total	21		24,840
STUDENT DINING SERVICES			
Student Dining	1	7,852	7,852
Staff Dining	1	530	530
Table Storage	2	200	400
Total	4		8,782
FOOD SERVICES			
Kitchen: Preparation Area	1	1,470	1,470
Kitchen: Serving Area	1	2,750	2,750
Kitchen: Dry Food Storage	1	550	550
Kitchen: Cooler/Freezer	1	365	365
Kitchen: Ware Washing	1	300	300
Dietician Office – Director	1	250	250
Restroom/Locker Room	2	120	240
Total	8		5,925
CUSTODIAL SERVICES			
Workroom	1	960	960
Custodial Office	1	150	150
Total	2		1,110
BUILDING SERVICES (CORE FACTOR)			
Large Group Restrooms	1	6,950	6,950
Custodial Closet	10	50	500
Electrical Closet	6	50	300
Information Technology (Office Suite, work rooms)	1	1,490	1,490
Telecommunications Room	6	64	384
Corridors	1	35,772	35,722
Vertical Circulation	4	400	1,600
Vertical Circulation	2	310	620
Mechanical/Electrical Space/Decks	1	12,853	12,853
Storage Area	1	1,700	1,700
Central Storage Area	1	580	580
Loading/Receiving	1	120	120

Restroom	1	60	60
Recycling Room	1	100	100
Outside Equipment Storage	1	540	540
Total	38		63,519
TOTAL SQUARE FOOTAGE SUMMARY			
TOTAL PROGRAM AREA		174,933square feet	
TOTAL BUILDING SERVICES/CORE FACTOR		63,519square feet	
TOTAL BUILDING AREA <i>(Inside face of walls)</i>		238,452 square feet	
TOTAL GROSS SQUARE FEET <i>(Outside face of walls) (.11% construction factor)</i>		264,682 square feet	

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