

| High School Ed Spec Space Program for 2,150 (Revised) - Utilization Based | | | | | | | | | | 2,150 |
|--|------------------------------|---|---------------|-------------|----------------|-----------------|----------------|-----------------|----------|-------------------|
| # of Rms | Room Name/Department | Description | Program Area | Teach Stat. | No of Students | Capacity @ 100% | Utiliz. Factor | Design Capacity | % of GSF | Notes |
| Instructional Areas: | | | | | | | | | | |
| 59 | General Classrooms | Eng., Math, W. Lang., Soc. Studies | 53,100 | 59 | 28 | 1,652 | 86% | 1,421 | | 900 SF CR's |
| 5 | Teacher Offices | 12 workstations @ 75 SF ea x 5 | 4,500 | | | | | | | 60 total stations |
| 5 | Departmental Storage | 5 @ 300 SF ea. | 1,500 | | | | | | | |
| 5 | Staff Toilets | 5 @ 50 SF ea. | 250 | | | | | | | |
| 1 | Publications/Yearbook Room | | 500 | 0 | | 0 | | | | |
| 1 | Language Arts Book Storage | | 200 | | | | | | | |
| | Subtotal | | 60,050 | 59 | | 1,652 | | 1,421 | 23.1% | |
| Science (2010 Graduation Requirements) | | | | | | | | | | |
| 7 | Earth Science/Physics Labs | 7 @ 1,250 SF ea | 8,750 | 7 | 28 | 196 | 86% | 169 | | |
| 7 | Chemistry/Biology Labs | 7 @ 1,400 SF ea | 9,800 | 7 | 24 | 168 | 86% | 144 | | |
| 6 | Lab Prep Rooms/Storage | 6 @ 450 SF ea | 2,700 | | | | | | | |
| 3 | Chemical Storage | 3 @ 100 SF ea | 300 | | | | | | | |
| 1 | Teacher Offices w/toilet | 16 wkstations @ 75 SF ea + staff toilet | 1,250 | | | | | | | |
| | Subtotal | | 22,800 | 14 | | 364 | | 313 | 8.8% | |
| Technology | | | | | | | | | | |
| 1 | Computer Lab (CADD/Graphics) | Dual use w/Photo/Graphics Lab in Art | 1,200 | 1 | 28 | 28 | 71% | 20 | | Desktop computers |
| 1 | Lab Storage | | 100 | | | | | | | |
| 1 | Technology Lab | Tech 2000 Type Lab | 1,200 | 1 | 28 | 28 | 57% | 16 | | |
| 1 | Fabrication Room | Model building | 400 | | | | | | | |
| 1 | Multi-purpose Lab | Multi-use: Tech, Art, Business | 1,000 | 1 | 28 | 28 | 71% | 20 | | |
| 1 | File Server Room & Storage | | 200 | | | | | | | |
| 1 | Teacher Office | 3 workstations | 225 | | | | | | | |
| | Subtotal | | 4,325 | 3 | | 84 | | 56 | 1.7% | |
| Family and Consumer Sciences (FACS) | | | | | | | | | | |
| 1 | Food Lab | 7 kitchen units + lecture space | 1,400 | 1 | 28 | 28 | 71% | 20 | | |
| 1 | Food Lab Storage Pantry | Laundry & Storage | 250 | | | | | | | |
| 1 | Multi-Use Classroom Lab | fashion/interior design | 900 | 1 | 28 | 28 | 71% | 20 | | |
| 1 | Teacher Office | 3 workstations + storage | 225 | | | | | | | |
| | Subtotal | | 2,775 | 2 | | 56 | | 40 | 1.1% | |
| Business | | | | | | | | | | |
| 2 | Computer Labs | 2 @ 900 SF ea | 1,800 | 2 | 28 | 56 | 57% | 32 | | Laptop computers |
| 1 | Business Classroom | | 900 | 1 | 28 | 28 | 71% | 20 | | |
| 1 | Marketing Classroom | | 900 | 1 | 28 | 28 | 71% | 20 | | |
| 1 | Teahcer Office | 4 workstations + storage | 350 | | | | | | | |
| | Subtotal | | 3,950 | 4 | | 112 | | 72 | 1.5% | |

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|--|--------------------------------------|---|----------------|-------------|----------------|-----------------|----------------|-----------------|----------|-------|
| # of Rms | Room Name/Department | Description | Program Area | Teach Stat. | No of Students | Capacity @ 100% | Utiliz. Factor | Design Capacity | % of GSF | Notes |
| Music - Instrumental | | | | | | | | | | |
| 1 | Instrumental Music Room | w/good acoustic design & proportion | 2,000 | 1 | 50 | 50 | 71% | 36 | | |
| 1 | Ensemble Room | small group practice - band or vocal | 400 | 0 | | 0 | | | | |
| 3 | Practice Rooms | 3 @ 75 SF ea - shared w/vocal | 225 | | | | | | | |
| 1 | Large Instrument Storage | | 300 | | | | | | | |
| 1 | Small Instrument Storage | Lockers in the music dept. corridor | 200 | | | | | | | |
| 1 | Uniform/Robe Storage | shared w/vocal | 250 | | | | | | | |
| 1 | Office - Band/Color Guard | 3 workstations @ 75 SF | 225 | | | | | | | |
| | Subtotal | | 3,600 | 1 | | 50 | | 36 | 1.4% | |
| Music - Vocal | | | | | | | | | | |
| 1 | Vocal Music Room | w/good acoustic design & proportion | 1,200 | 1 | 34 | 34 | 71% | 24 | | |
| 1 | Sheet Music Storage | shared w/band | 100 | | | | | | | |
| 1 | Office - Choir | | 150 | | | | | | | |
| | Subtotal | | 1,450 | 1 | | 34 | | 24 | 0.6% | |
| Art | | | | | | | | | | |
| 1 | 2-D Art Studio | Drawing painting | 1,250 | 1 | 28 | 28 | 71% | 20 | | |
| 1 | 2-D & 3-D Studio | Combined Studio multi-use | 1,250 | 1 | 28 | 28 | 71% | 20 | | |
| 1 | Ceramics Studio | Includes student project storage | 1,500 | 1 | 28 | 28 | 57% | 16 | | |
| 1 | Kiln Room w/Storage & glazing | Electric only-gas kiln in outdoor encl | 300 | | | | | | | |
| 1 | Pugmill Room | Adjacent to ceramics studio | 100 | | | | | | | |
| 1 | Photo Darkroom | Darkroom & Negative room | 600 | | | | | | | |
| 1 | Teacher Offices | 4 workstations @ 75 SF | 300 | | | | | | | |
| | Subtotal | | 5,300 | 3 | | 84 | | 56 | 2.0% | |
| Special Education | | | | | | | | | | |
| 4 | Classrooms | 500SF CR's for 8-12 breakout students | 2,000 | 0 | | 0 | | | | |
| 1 | ESL Classroom | pull-out students | 500 | 0 | | 0 | | | | |
| 1 | Conference Room | Shared w/Challenge | 200 | | | | | | | |
| 1 | Storage | | 100 | | | | | | | |
| | Subtotal | | 2,800 | 0 | | 0 | | | 1.1% | |
| Challenge/SLIC Suite | | | | | | | | | | |
| 1 | Challenge/SLIC Classroom | | 1,200 | 1 | 12 | 12 | 86% | 10 | | |
| 1 | Handicapped Toilet | Incl chang. platform, shower & wash/dry | 125 | | | | | | | |
| 1 | Testing Room | Shared w/challenge/SLIC | 75 | | | | | | | |
| 1 | Storage | | 125 | | | | | | | |
| 1 | SERS Office | Shared w/challenge/SLIC | 350 | | | | | | | |
| | Subtotal | | 1,875 | 1 | | 12 | | 10 | 0.7% | |
| | Subtotal Instructional Areas: | | 108,925 | 88 | | 2,448 | | 2,027 | 41.9% | |

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| # of Rms | Room Name/Department | Description | Program Area | Teach Stat. | No of Students | Capacity @ 100% | Utiliz. Factor | Design Capacity | % of GSF | Notes |
| Core Instructional Areas: | | | | | | | | | | |
| Library | | | | | | | | | | |
| 1 | Book Stacks/Seating | 12K - 15K Volumes & 2 class seating areas | 5,750 | | | | | | | |
| 1 | Circ Desk/Periodicals | | 450 | | | | | | | |
| 1 | Catalog/Reference | Look-up computer stations | 400 | | | | | | | |
| 1 | Computer Researce Cluster | | 500 | | | | | | | |
| 1 | Library Office | 3 workstations | 250 | | | | | | | |
| 1 | Processing/Workroom | w/staff toilet included | 600 | | | | | | | |
| 1 | AV Storage/File Server | | 300 | | | | | | | |
| Subtotal | | | 8,250 | 0 | | 0 | | | 3.2% | |
| Auditorium | | | | | | | | | | |
| 1 | Seating Area | 575 seats @ 10 SF ea | 5,750 | | | | | | | |
| 1 | Stage | Drama CR | 2,000 | 1 | 28 | 28 | 57% | 16 | | Use stage/seating as CR |
| 1 | Orchestra Pit | w/handicapped access | 450 | | | | | | | |
| 1 | Control Booth | w/handicapped access | 350 | | | | | | | |
| 2 | Dressing Rooms w/toilet | 2 @ 250 SF ea | 500 | | | | | | | |
| 1 | Stagecraft Workroom | | 600 | | | | | | | |
| 1 | Stagecraft Storage | | 400 | | | | | | | |
| 1 | Public Toilets & Custodial | 2 @ 250 SF ea + custodial | 550 | | | | | | | After hours access |
| | Ticket Booth | Incl w/School Store - Cafeteria/Commons | 0 | | | | | | | |
| Subtotal | | | 10,600 | 1 | | 28 | | 16 | 4.1% | |
| P.E./Athletics | | | | | | | | | | |
| 1 | Main Gym w/divider curtain | Bleacher seating for 2,000 | 14,976 | 2 | 30 | 60 | 71% | 43 | | 104'x 144' (84' court) |
| 1 | Auxiliary Gym | w/bleachers for 200 | 7,800 | 1 | 30 | 30 | 71% | 21 | | |
| 1 | Fitness/Weight Room | | 3,200 | 1 | 30 | 30 | 71% | 21 | | |
| 1 | Wrestling/Gymnastics Room | | 2,450 | 1 | 30 | 30 | 71% | 21 | | |
| 1 | Boys Locker Rm/Offices | Incl PE & Athletic Lockers, toilets, showers | 3,800 | | | | | | | |
| 1 | Girls Locker Rm/Offices | Incl PE & Athletic Lockers, toilets, showers | 3,800 | | | | | | | |
| 1 | Equipment Storage | Subdivide for each sport | 2,000 | | | | | | | |
| 1 | Team Room/Conference Room | | 500 | | | | | | | |
| 1 | Training Room | shared whirlpool & training table | 350 | | | | | | | |
| 2 | Public Toilets & Custodial | 2 @ 250 SF ea + custodial | 550 | | | | | | | After hours access |
| Subtotal | | | 39,426 | 5 | | 150 | | 107 | 15.2% | |
| Subtotal Core Instructional Areas | | | 58,276 | 6 | | 178 | | 123 | 22.4% | |

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| # of Rms | Room Name/Department | Description | Program Area | Teach Stat. | No of Students | Capacity @ 100% | Utiliz. Factor | Design Capacity | % of GSF | Notes |
| Core Support Areas: | | | | | | | | | | |
| Administration | | | | | | | | | | |
| 1 | Principal's Office | | 200 | | | | | | | |
| 5 | Assistant Principal Offices | 5 AP offices @ 150SF ea | 750 | | | | | | | |
| 1 | Reception Area | | 400 | | | | | | | |
| 2 | Secretary Area | 2 @ 200 SF ea. - desk + files | 400 | | | | | | | |
| 1 | Business Office | Incl file space | 200 | | | | | | | |
| 1 | Attendance Office | Incl file space | 200 | | | | | | | |
| 1 | Athletic Office | Incl file space | 200 | | | | | | | |
| 1 | Staff Mail Slot Area | | 60 | | | | | | | |
| 1 | Conference Room | w/folding partition to divide room | 500 | | | | | | | |
| 1 | Clinic/Health Center | Includes HC toilet | 300 | | | | | | | |
| 1 | Work Room | | 400 | | | | | | | |
| 2 | Staff Toilets | 2 Unisex toilets @ 50SF ea | 100 | | | | | | | |
| 1 | Facility Manager's Office | | 150 | | | | | | | |
| 1 | Office Storage/Supplies | | 200 | | | | | | | |
| 1 | Campus Supervisor's Office | 3 workstations @ 75SF ea | 225 | | | | | | | |
| 1 | School Resource Officer Office | Access from main corridor | 150 | | | | | | | |
| Subtotal | | | 4,435 | 0 | | | | | 1.7% | |
| Guidance/Counseling | | | | | | | | | | |
| 1 | College/Career Center Info | | 600 | | | | | | | |
| 6 | Counselor Offices | 6 Offices @ 125 SF ea | 750 | | | | | | | |
| 1 | Reception | | 300 | | | | | | | |
| 1 | Conference/Testing Room | | 250 | | | | | | | |
| 1 | Records & Storage | | 200 | | | | | | | |
| Subtotal | | | 2,100 | 0 | | | | | 0.8% | |
| Cafeteria/Commons | | | | | | | | | | |
| 1 | Cafeteria Seating | 600 seats @ 12 SF ea - round tables | 7,200 | | | | | | | |
| 1 | Que line for food serving | Assume food court scramble concept | 400 | | | | | | | |
| 1 | Kitchen | Prep kitchen | 2,800 | | | | | | | |
| 1 | Faculty Lounge | Kitchenette, vending & seating | 500 | | | | | | | |
| 1 | Chair/Table Storage/Vending | | 400 | | | | | | | |
| 1 | Custodial Closet/Supplies | | 150 | | | | | | | |
| 2 | Public Toilets | 2 @ 400 SF ea - after hours use | 800 | | | | | | | After hours access |
| 1 | Student Store | | 300 | | | | | | | |
| Subtotal | | | 12,550 | 0 | | | | | 4.8% | |

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| # of Rms | Room Name/Department | Description | Program Area | Teach Stat. | No of Students | Capacity @ 100% | Utiliz. Factor | Design Capacity | % of GSF | Notes |
| Building Support | | | | | | | | | | |
| 1 | Storage & Receiving Room | | 800 | | | | | | | |
| 5 | Data/Communication Rooms | (1 MDF & 4 IDF's) | 410 | | | | | | | |
| 1 | Technologists Office/Workroom | | 300 | | | | | | | |
| 1 | Outside Equipment Storage | | 300 | | | | | | | |
| 1 | Student Gov't Workroom/Stor | | 400 | | | | | | | |
| 1 | Media Production Studio | school wide broadcast studio | 500 | | | | | | | |
| 4 | Student Toilets/Custodial Rooms | 4 ea @ 200 SF ea = 800 SF x 2 + custodial | 1,800 | | | | | | | |
| 1 | Mechanical Boiler Room | | 1,400 | | | | | | | |
| 1 | Chiller Room | | 850 | | | | | | | |
| 7 | Electrical MDC/Branch Closets | 1 MDC & 6 Elect/Telephone clos. | 1,000 | | | | | | | |
| | Corridors/Lockers | Included in building circulation factor | 0 | | | | | | | |
| Subtotal | | | 7,760 | | | | | | 3.0% | |
| Subtotal Core Support Areas | | | 26,845 | | | | | | 10.3% | |
| Site/Field Buildings | | | | | | | | | | |
| 1 | Site Maintenance Equipment | Lawn & snow equipment | 350 | | | | | | | |
| 1 | Football/Track Equip. Storage | | 350 | | | | | | | |
| 1 | Baseball/Softball Storage | | 250 | | | | | | | |
| 1 | Concessions/Pressbox | | 250 | | | | | | | |
| Subtotal | | | 1,200 | | | | | | | |
| Total Programmed Building Area | | | 195,246 | 94 | | 2,626 | | 2,150 | 75.2% | |
| | Building Circulation/Walls Factor | 33% of program area - corridors, etc | 64,431 | | | | | | 24.8% | Corridors & lockers |
| Total Gross Building Area | | | 259,677 | | | | | | | |
| Gross Building Capacity | | | | 94 | | 2,626 | | | | |
| | Square Foot per Student | 100% utilization | | | | | | 121 | SF/Student | |
| Total Building Utilization | | | | | | | 82% | | | |
| Notes: | | | | | | | | | | |
| 1 | Utilization based on 7 hours of use per day - either regular periods or block schedule. | | | | | | | | | |
| 2 | Utilization factors: 86% = 6 hrs.; 71% = 5 hrs.; 56% = 4 hrs. | | | | | | | | | |

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| # of Rms | Room Name/Department | Description | Program Area | Teach Stat. | No of Students | Capacity @ 100% | Utiliz. Factor | Design Capacity | % of GSF | Notes |
| Current Science Program: | | | | | | | | | | |
| Science (2010 Graduation Requirements) | | | | | | | | | | |
| 7 | Earth Science/Physics Labs | 7 @ 1,250 SF ea | 8,750 | 7 | 28 | 196 | 86% | 169 | | |
| 7 | Chemistry/Biology Labs | 7 @ 1,400 SF ea | 9,800 | 7 | 24 | 168 | 86% | 144 | | |
| 6 | Lab Prep Rooms/Storage | 6 @ 450 SF ea | 2,700 | | | | | | | |
| 3 | Chemical Storage | 3 @ 100 SF ea | 300 | | | | | | | |
| 1 | Teacher Offices w/toilet | 14 wkstations @ 75 SF ea + staff toilet | 1,100 | | | | | | | |
| | Subtotal | | 22,650 | 14 | | 364 | | 313 | #DIV/0! | |
| Alternate Science Program: | | | | | | | | | | |
| Alternate #1 - Science Program | | | | | | | | | | |
| 5 | Earth Science/Physics Labs | 5 @ 1,250 SF ea | 6,250 | 5 | 28 | 140 | 86% | 120 | | |
| 5 | Chemistry/Biology Labs | 5 @ 1,400 SF ea | 7,000 | 5 | 24 | 120 | 86% | 103 | | |
| 6 | General Classrooms | 6 @ 900 SF ea | 5,400 | 6 | 28 | 168 | 71% | 119 | | Shared general CR's |
| 6 | Lab Prep Rooms/Storage | 6 @ 400 SF ea | 2,400 | | | | | | | |
| 3 | Chemical Storage | 3 @ 100 SF ea | 300 | | | | | | | |
| 1 | Teacher Offices w/toilet | 16 wkstations @ 75 SF ea + staff toilet | 1,250 | | | | | | | |
| | Subtotal | | 22,600 | 16 | | 428 | | 343 | | 2 added teaching stations |
| Alternate #2 - Science Program | | | | | | | | | | |
| 5 | Earth Science/Physics Labs | 5 @ 1,250 SF ea | 6,250 | 5 | 28 | 140 | 86% | 120 | | |
| 5 | Chemistry/Biology Labs | 5 @ 1,400 SF ea | 7,000 | 5 | 24 | 120 | 86% | 103 | | |
| 4 | General Classrooms | 4 @ 900 SF ea | 3,600 | 4 | 28 | 112 | 86% | 96 | | |
| 1 | Lecture Seminar Room | 1 @ 1,800 SF | 1,800 | 1 | 60 | 60 | 71% | 43 | | Seating for 100 |
| 6 | Lab Prep Rooms/Storage | 6 @ 400 SF ea | 2,400 | | | | | | | |
| 3 | Chemical Storage | 3 @ 100 SF ea | 300 | | | | | | | |
| 1 | Teacher Offices w/toilet | 16 wkstations @ 75 SF ea + staff toilet | 1,250 | | | | | | | |
| | Subtotal | | 22,600 | 15 | | 432 | | 363 | | |
| Alternate #3 - Science Program | | | | | | | | | | |
| 4 | Earth Science/Physics Labs | 4 @ 1,250 SF ea | 5,000 | 4 | 28 | 112 | 86% | 96 | | |
| 4 | Chemistry/Biology Labs | 4 @ 1,400 SF ea | 5,600 | 4 | 24 | 96 | 86% | 83 | | |
| 6 | General Classrooms | 4 @ 900 SF ea | 5,600 | 6 | 28 | 168 | 86% | 144 | | |
| 2 | Lecture Seminar Room | 2 @ 1,500 SF | 3,000 | 2 | 60 | 120 | 71% | 85 | | Seating for 90 |
| 4 | Lab Prep Rooms/Storage | 4 @ 450 SF ea | 1,800 | | | | | | | |
| 2 | Chemical Storage | 2 @ 150 SF ea | 300 | | | | | | | |
| 1 | Teacher Offices w/toilet | 16 wkstations @ 75 SF ea + staff toilet | 1,250 | | | | | | | |
| | Subtotal | | 22,550 | 16 | | 496 | | 409 | | |

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| # of Rms | Room Name/Department | Description | Program Area | Teach Stat. | No of Students | Capacity @ 100% | Utiliz. Factor | Design Capacity | % of GSF | Notes |
| Alternate Vocational Programs: | | | | | | | | | | |
| Auto Mechanics: | | | | | | | | | | |
| 1 | Auto Workbays | 3 cars | 1,000 | 1 | 20 | 20 | 57% | 11 | | |
| 1 | Lecture/Classroom | Shared w/Vocational Lab | 600 | | | | | | | Seating for 20 |
| 1 | Tool/Equipment Storage | | 300 | | | | | | | |
| 1 | Workbench Area | | 350 | | | | | | | |
| 1 | Teacher Workroom | | 150 | | | | | | | |
| Subtotal | | | 2,400 | | | | | | | |
| Vocational Shop: | | | | | | | | | | |
| 1 | Vocational Lab | Multi-use: wood, metal, masonry | 1,800 | 1 | 20 | 20 | 57% | 11 | | |
| 1 | Finish Room | | 100 | | | | | | | |
| 1 | Tool/Equipment Storage | | 300 | | | | | | | |
| 1 | Teacher Workroom | | 150 | | | | | | | |
| Subtotal | | | 2,350 | | | | | | | |
| Alternate Programs Total | | | 4,750 | 2 | 40 | 40 | | 22 | | |