

**CONCORD-CARLISLE HIGH  
SCHOOL**

**2005 FEASIBILITY STUDY**

**EDUCATIONAL SPECIFICATION**

## SUMMARY OF SPACES

	<b>DEPARTMENTAL SUMMARY</b>
<b>ENGLISH</b>	12,560
<b>SOCIAL STUDIES</b>	11,780
<b>SCIENCE</b>	22,380
<b>MATHEMATICS</b>	12,570
<b>FOREIGN LANGUAGE</b>	13,110
<b>ART / APPLIED ART</b>	13,860
<b>MUSIC</b>	8,290
<b>AUDITORIUM</b>	12,050
<b>SPECIAL EDUCATION (SPED)</b>	9,670
<b>HEALTH / PHYSICAL EDUCATION</b>	27,700
<b>LIBRARY</b>	9,800
<b>GUIDANCE SUITE</b>	3,190
<b>HEALTH /STUDENT SUPPORT</b>	1,240
<b>METCO</b>	870
<b>ADMINISTRATION</b>	4,500
<b>CAFETERIA, KITCHEN, SERVERY</b>	11,660
<b>LARGE GROUP INSTRUCTION</b>	3,500
<b>CCTA</b>	150
<b>CUSTODIAL</b>	2,200
<b>OTHER SPACES</b>	5,340
<b>NET SQUARE FOOTAGE - SUBTOTAL</b>	<b>186,420</b>
<b>NET SQUARE FEET/STUDENT</b>	138
<b>NET TO GROSS FACTOR (1.4)*</b>	74,568
<b>GROSS SQUARE FOOTAGE</b>	<b>260,988</b>
<b>SQUARE FEET/STUDENT</b>	193
* includes Mechanical, Electrical, Data, Custodial rooms, Circulation	
<b>OPTIONAL SPACES</b>	23,000
<b>NET TO GROSS FACTOR (1.4)* for Optional Spaces</b>	9,200
<b>GROSS SQUARE FOOTAGE (including Optional Space)</b>	<b>293,188</b>
<b>SQUARE FEET/STUDENT</b>	217

## SUMMARY OF SPACES

SUBJECT	REQUIRED			EXISTING			Delta # of Spaces	Delta Area
	No. of Stations	S.F. per Station	Total S.F.	No. of Stations	S.F. per Station	Total S.F.		
<b>ENGLISH</b>								
English Classrooms	9	850	7,650	8	-	6,456	1	1,194
Writing (Computer) Lab	1	1,200	1,200	1	870	870	0	330
English Resource Room	1	800	800	1	420	420	0	380
Teachers Work Room / Desks (18 Teachers)	1	1,080	1,080	1	800	800	0	280
Teachers Work Room / lunch, meeting etc.	1	400	400	1	320	320	0	80
Department Chair Office	1	100	100	0	0	0	1	100
Department Secretary, copier etc. (shared w/ SS)	1	120	120	1	640	640	0	-520
Department Storage	2	300	600	1	210	210	1	390
Department Conference Room (small)	1	150	150	1	190	190	0	-40
ESL Classroom	1	250	250	0	0	0	1	250
ESL Office	1	120	120	0	0	0	1	120
Toilet Room	2	45	90	0	0	0	2	90
<b>Dept Sub-Total</b>	<b>22</b>		<b>12,560</b>	<b>15</b>		<b>9,906</b>	<b>7</b>	<b>2,654</b>
<b>SOCIAL STUDIES</b>								
Social Studies Classrooms	10	850	8,500	8	-	6,300	2	2,200
Teachers Work Room / Desks (17 teachers)	1	1,020	1,020	1	800	800	0	220
Social Studies Resource Room	1	800	800	1	420	420	0	380
Teachers Work Room / lunch, meeting etc.	1	400	400	1	200	200	0	200
Department Chair Office	1	100	100	0	0	0	1	100
Department Secretary, copier etc. (shared w/ Eng)	1	120	120	1	155	155	0	-35
Department Storage	2	300	600	1	290	290	1	310
Department Conference Room (small)	1	150	150	0	0	0	1	150
Toilet Room	2	45	90	0	0	0	2	90
<b>Dept Sub-Total</b>	<b>20</b>		<b>11,780</b>	<b>13</b>		<b>8,165</b>	<b>7</b>	<b>3,615</b>
<b>SCIENCE</b>								
Biology Lecture Lab	4	1,300	5,200	4	-	3,790	0	1,410
Biology Prep / Storage	2	300	600	2	-	840	0	-240
Chemistry Lecture Lab	4	1,300	5,200	4	-	4,640	0	560
Chemistry Prep / Storage	2	300	600	3	-	440	-1	160
Physics Lecture Lab	3	1,300	3,900	2	1,180	2,360	1	1,540
Physics Prep / Storage	1	300	300	2	430	860	-1	-560
Science Resource Room	1	800	800	0	0	0	1	800
Earth Science Science Lecture Lab	2	1,300	2,600	2	845	1,690	0	910
Earth Science Science Prep Room	1	300	300	2	-	540	-1	-240
Greenhouse	1	1,000	1,000	0	0	0	1	1,000
Teachers Work Room / Desks (17 teachers)	1	1,020	1,020	2	-	910	-1	110
Teachers Work Room / lunch, meeting etc.	1	400	400	0	0	0	1	400
Department Chair Office	1	100	100	1	100	100	0	0
Department Secretary, copier etc.	1	120	120	1	85	85	0	35
Department Conference Room	1	150	150	0	0	0	1	150
Toilet Room	2	45	90	0	0	0	2	90
<b>Dept Sub-Total</b>	<b>28</b>		<b>22,380</b>	<b>25</b>		<b>16,255</b>	<b>3</b>	<b>6,125</b>

## SUMMARY OF SPACES

SUBJECT	REQUIRED			EXISTING			Delta # of Spaces	Delta Area
	No. of Stations	S.F. per Station	Total S.F.	No. of Stations	S.F. per Station	Total S.F.		
<b>MATHEMATICS</b>								
Mathematics Classrooms	11	850	9,350	9	800	7,200	2	2,150
Math Resource Room	1	800	800	1	800	800	0	0
Teachers Work Room / Desks (16 teachers)	1	960	960	2	-	790	-1	170
Teachers Work Room / lunch, meeting etc.	1	400	400	0	0	0	1	400
Department Chair Office	1	100	100	1	210	210	0	-110
Department Secretary, copier etc.	1	120	120	0	0	0	1	120
Department Storage	2	300	600	1	310	310	1	290
Department Conference Room (small)	1	150	150	0	0	0	1	150
Toilet Room	2	45	90	0	0	0	2	90
<b>Dept Sub-Total</b>	<b>21</b>		<b>12,570</b>	<b>14</b>		<b>9,310</b>	<b>7</b>	<b>3,260</b>
<b>FOREIGN LANGUAGE</b>								
Language Classrooms	9	850	7,650	8	750	6,000	1	1,650
Language Lab (can be combined)	2	1,200	2,400	1	1,960	1,960	1	440
Language Resource Room	1	800	800	0	0	0	1	800
Teachers Work Room / Desks (12 Teachers)	1	720	720	1	750	750	0	-30
Teachers Work Room / lunch, meeting etc.	1	400	400	0	0	0	1	400
Department Chair Office	1	100	100	1	350	350	0	-250
Department Secretary, copier etc.	1	120	120	1	70	70	0	50
Department Storage	2	300	600	1	295	295	1	305
Department Conference Room (small)	1	150	150	0	0	0	1	150
Toilet Room	2	45	90	0	0	0	2	90
Lab Tech / Server Room	1	80	80	1	20	20	0	60
<b>Dept Sub-Total</b>	<b>22</b>		<b>13,110</b>	<b>14</b>		<b>9,445</b>	<b>8</b>	<b>3,665</b>
<b>ART / APPLIED ART</b>								
2D Studio Art	1	1,400	1,400	1	1,955	1,955	0	-555
3D Art & Architecture	1	1,400	1,400	1	1,500	1,500	0	-100
Ceramics (inc. Kiln)	1	1,000	1,000	1	825	825	0	175
Photography Classroom (inc. dark room)	1	1,000	1,000	1	940	940	0	60
Art Storage	4	300	1,200	3	-	310	1	890
Art Resource Center	1	800	800	1	330	331	0	469
Teachers Work Room/ Desks (7 Teachers)	1	420	420	0	0	0	1	420
Teachers Work Room / lunch, meeting etc	1	400	400	0	0	0	1	400
Gallery	1	800	800	1	730	730	0	70
PC Lab	1	1,200	1,200	1	1,360	1,360	0	-160
MAC Lab	1	1,200	1,200	1	1,360	1,360	0	-160
Shared Computer Lab	1	1,200	1,200	0	0	0	1	1,200
IT Support / Head End Room	1	300	300	1	190	190	0	110
Applied Art Storage	1	300	300	0	0	0	1	300
IT Office	1	500	500	1	100	100	0	400
Department Chair Office	1	100	100	1	150	150	0	-50
Conference Room (small)	1	150	150	0	0	0	1	150
COW Storage (spread around the school)	4	100	400	0	0	0	4	400
Toilet Room	2	45	90	0	0	0	2	90
<b>Dept Sub-Total</b>	<b>26</b>		<b>13,860</b>	<b>14</b>		<b>9,751</b>	<b>12</b>	<b>4,109</b>

## SUMMARY OF SPACES

SUBJECT	REQUIRED			EXISTING			Delta # of Spaces	Delta Area
	No. of Stations	S.F. per Station	Total S.F.	No. of Stations	S.F. per Station	Total S.F.		
<b>MUSIC</b>								
Band	1	2,200	2,200	1	1,600	1,600	0	600
Orchestra	1	1,200	1,200	1	1,090	1,090	0	110
Chorus 3 sections @ 80	1	1,400	1,400	1	1,400	1,400	0	0
Music Technology Lab	1	700	700	1	1,120	1,120	0	-420
Practice Rooms	10	80	800	3	70	210	7	590
Ensemble Room	1	300	300	0	0	0	1	300
Uniform Storage	2	200	400	0	0	0	2	400
General Storage	1	300	300	1	195	195	0	105
Music Library	2	150	300	0	0	0	2	300
Music Offices	3	150	450	2	-	400	1	50
Conference Room (small)	1	150	150	0	0	0	1	150
Toilet Room	2	45	90	0	0	0	2	90
<b>Dept Sub-Total</b>	<b>26</b>		<b>8,290</b>	<b>10</b>		<b>6,015</b>	<b>16</b>	<b>2,275</b>
<b>AUDITORIUM</b>								
Auditorium, 1000 seats at 9sf.	1	9,000	9,000	1	6,200	6,200	0	2,800
Stage	1	2,000	2,000	1	1,700	1,700	0	300
Projection booth	1	150	150	1	90	90	0	60
Stage Storage	1	400	400	1	190	190	0	210
Scenery Storage / Work Room	1	500	500	0	0	0	1	500
<b>Dept Sub-Total</b>	<b>5</b>		<b>12,050</b>	<b>4</b>		<b>8,180</b>	<b>1</b>	<b>3,870</b>
<b>SPECIAL EDUCATION (SPED)</b>								
Pathways - Learning Disability Classroom	1	850	850	1	580	580	0	270
Tutorial Classroom	1	1,200	1,200	1	800	800	0	400
Alternative Classroom	1	850	850	1	850	850	0	0
Pathways - Life Skills Classroom	1	1,200	1,200	1	580	580	0	620
OT /PT w/ Treatment Room	1	700	700	1	350	350	0	350
SPED Classroom	2	850	1,700	0	0	0	2	1,700
Office for Chair	1	180	180	1	120	120	0	60
Staff Offices	12	150	1,800	5	-	695	7	1,105
SPED Secretary / Reception / Waiting	1	600	600	1	612	612	0	-12
Record Storage	1	200	200	1	70	70	0	130
Copy	1	65	65	1	65	65	0	0
Testing Room	1	75	75	0	0	0	1	75
Conference Room	1	250	250	0	0	0	1	250
<b>Dept Sub-Total</b>	<b>25</b>		<b>9,670</b>	<b>14</b>		<b>4,722</b>	<b>11</b>	<b>4,948</b>

## SUMMARY OF SPACES

SUBJECT	REQUIRED			EXISTING			Delta # of Spaces	Delta Area
	No. of Stations	S.F. per Station	Total S.F.	No. of Stations	S.F. per Station	Total S.F.		
<b>HEALTH / PHYSICAL EDUCATION</b>								
Health Classroom	2	850	1,700	2	-	1,760	0	-60
Gym	1	12,000	12,000	2	-	19,315	-1	-7,315
Weight Room	1	1,500	1,500	1	2,100	2,100	0	-600
Dance / Aerobics	1	1,200	1,200	0	0	0	1	1,200
Fitness / Cardiovascular	1	1,200	1,200	1	2,100	2,100	0	-900
Girls Locker Room	1	2,500	2,500	1	3,760	3,760	0	-1,260
Girls Team Room	1	400	400	0	0	0	1	400
Boys Locker Room	1	2,500	2,500	1	3,040	3,040	0	-540
Boys Team Room	1	400	400	2	-	1,265	-1	-865
Coach Office, include locker rooms	2	300	600	2	-	375	0	225
PE Storage	1	1,500	1,500	8	-	1,540	-7	-40
Trainers Room	1	300	300	1	300	300	0	0
Athletic Director and Secretary	1	400	400	1	255	255	0	145
Athletics Storage	1	1,500	1,500	0	0	0	1	1,500
Teacher Locker Room	0	0	0	1	305	305	-1	-305
<b>Dept Sub-Total</b>	<b>16</b>		<b>27,700</b>	<b>23</b>		<b>36,115</b>	<b>-7</b>	<b>-8,415</b>
<b>LIBRARY</b>								
Reading Room (inc. reception) 1350 x .15 x 40	1	8,100	8,100	1	12,900	12,900	0	-4,800
Work room	1	300	300	1	500	500	0	-200
Computer Classroom / Classroom	1	900	900	0	0	0	1	900
Conference Room	1	250	250	0	0	0	1	250
Teachers Professional Development Area	1	250	250	0	0	0	1	250
<b>Dept Sub-Total</b>	<b>5</b>		<b>9,800</b>	<b>2</b>		<b>13,400</b>	<b>3</b>	<b>-3,600</b>
<b>GUIDANCE / STUDENT SUPPORT</b>								
Reception Area / 2 Secretaries	1	400	400	0	0	0	1	400
Resource Center	1	650	650	1	950	950	0	-300
Guidance Offices	9	150	1,350	10	-	1,152	-1	198
Conference Room (large)	1	300	300	0	0	0	1	300
Conference Room (small)	1	200	200	0	0	0	1	200
Records Storage	1	100	100	0	0	0	1	100
Kitchenette	1	100	100	1	80	80	0	20
Toilets	2	45	90	0	0	0	2	90
<b>Dept Sub-Total</b>	<b>17</b>		<b>3,190</b>	<b>12</b>		<b>2,182</b>	<b>5</b>	<b>1,008</b>
<b>HEALTH SUITE (Nurse)</b>								
Reception area / Cots	1	600	600	1	500	500	0	100
Nurses Office	1	120	120	0	0	0	1	120
Exam Room	1	150	150	1	145	145	0	5
Record Storage	1	80	80	0	0	0	1	80
Toilets	2	45	90	1	45	45	1	45
Conference Room	1	200	200	0	0	0	1	200
<b>Dept Sub-Total</b>	<b>7</b>		<b>1,240</b>	<b>3</b>		<b>690</b>	<b>4</b>	<b>550</b>

## SUMMARY OF SPACES

SUBJECT	REQUIRED			EXISTING			Delta # of Spaces	Delta Area
	No. of Stations	S.F. per Station	Total S.F.	No. of Stations	S.F. per Station	Total S.F.		
<b>METCO OFFICE</b>								
Office - Coordinator	1	150	150	1	100	100	0	50
Office - Counselor	1	150	150	0	0	0	1	150
Reception / Secretary	1	150	150	1	115	115	0	35
Tutorial	1	150	150	0	0	0	1	150
Conference	1	150	150	0	0	0	1	150
Storage	1	120	120	0	0	0	1	120
<b>Dept Sub-Total</b>	<b>6</b>		<b>870</b>	<b>2</b>		<b>215</b>	<b>4</b>	<b>655</b>
<b>ADMINISTRATION SUITE</b>								
Principal	1	300	300	1	220	220	0	80
Assistant Principal	2	150	300	2	140	280	0	20
Administration Reception / Secretarial Area	1	400	400	1	290	290	0	110
Registrar Office	1	300	300	1	205	205	0	95
Registrar Storage	1	200	200	0	0	0	1	200
Large Conference Room	1	300	300	1	450	450	0	-150
Shared Conference Room	1	200	200	1	125	125	0	75
Main Office Reception / Secretarial Area	1	800	800	1	510	510	0	290
Copy Area (work room)	1	200	200	1	190	190	0	10
Record Storage Room	1	200	200	0	0	0	1	200
Vault	1	200	200	1	50	50	0	150
Supplies Storage	1	100	100	0	0	0	1	100
Kitchenette	1	100	100	0	0	0	1	100
Police Liaison	1	200	200	0	0	0	1	200
Planning Room	1	700	700	1	680	680	0	20
<b>Dept Sub-Total</b>	<b>16</b>		<b>4,500</b>	<b>11</b>		<b>3,000</b>	<b>5</b>	<b>1,500</b>
<b>CAFETERIA</b>								
Cafeteria (seats 450) 3 seatings x 15	1	7,500	7,500	1	8,980	8,980	0	-1,480
Kitchen	1	2,500	2,500	1	3,580	3,580	0	-1,080
Chair Storage	1	200	200	0	0	0	1	200
Teachers Dining	1	600	600	1	860	860	0	-260
Kitchen Office	1	160	160	1	162	162	0	-2
Freezer / Cooler	2	150	300	2	-	143	0	157
Dry Storage	1	400	400	1	330	330	0	70
<b>Dept Sub-Total</b>	<b>8</b>		<b>11,660</b>	<b>7</b>		<b>14,055</b>	<b>1</b>	<b>-2,622</b>
<b>LARGE GROUP INSTRUCTION</b>								
Lecture Hall (exist - Little Theater)	1	2,000	2,000	1	1,680	1,680	0	320
Flat Floored Multi-Purpose	1	1,500	1,500	0	0	0	1	1,500
<b>Dept Sub-Total</b>	<b>2</b>		<b>3,500</b>	<b>1</b>		<b>1,680</b>	<b>1</b>	<b>1,820</b>
<b>CCTA / Concord Carlisle Teachers Association</b>								
Office	1	150	150	0	0	0	1	150
Access to shared conference room	0	0	0	0	0	0	0	0
<b>Dept Sub-Total</b>	<b>1</b>		<b>150</b>	<b>0</b>		<b>0</b>	<b>1</b>	<b>150</b>

## SUMMARY OF SPACES

SUBJECT	REQUIRED			EXISTING			Delta # of Spaces	Delta Area
	No. of Stations	S.F. per Station	Total S.F.	No. of Stations	S.F. per Station	Total S.F.		
<b>CUSTODIAL</b>								
Custodial Office	1	200	200	1	450	450	0	-250
Custodial Workshop	1	1,000	1,000	1	1,500	1,500	0	-500
Storage	1	1,000	1,000	0	0	0	1	1,000
<b>Dept Sub-Total</b>	<b>3</b>		<b>2,200</b>	<b>2</b>		<b>1,950</b>	<b>1</b>	<b>250</b>
<b>OTHER SPACES</b>								
Recycling closets	4	60	240	0	0	0	4	240
Radio Station / Studio	1	1000	1,000	1	1,000	1,000	0	0
Television Studio	1	1400	1,400	1	1,200	1,200	0	200
Copy Center (high speed)	1	500	500	0	0	0	1	500
Study Hall	1	1000	1,000	1	940	940	0	60
Challenge Center	1	1,200	1,200	1	1,360	1,360	0	-160
	<b>9</b>		<b>5,340</b>	<b>4</b>		<b>4,500</b>	<b>5</b>	<b>840</b>
<b>OPTIONAL SPACES</b>								
Television Classroom & Editing	1	1,000	1,000	0	0	0	1	1,000
Black Box Theater	1	2,000	2,000	0	0	0	1	2,000
Additional Gym Space to = Field House	1	18,000	18,000	0	0	0	1	18,000
Student Center	1	2,000	2,000	0	0	0	1	2,000
	<b>4</b>		<b>23,000</b>	<b>0</b>		<b>0</b>	<b>4</b>	<b>23,000</b>
<b>Total Number of Spaces</b>						<b>159,536</b>		



645-5M/S

SPED

Table 1 - Basic Educational Space for Planned Program

A	B	C	D	E	F	G	H	J	K	
Subject	Projected Students, per Subject	Class Size	Sections	Sessions Per Week	Total Sessions	Periods Per Week	Total Stations Required	Sq. Ft. Each Station	Total Area Required	Comments
<b>SPED</b>										
Pathways	14	14	1	30	30	30	1.00			
<b>SPED SUBTOTAL</b>	<b>14</b>						<b>1.00</b>			No utilization factor
Courses listed as "Semester" are adjusted to Full Time Equivalent (FTE). This is done by reducing "sessions per week" by half to give an equivalent year classroom requirement.										
<b>Spaces Required:</b>										
Pathways "Life Skills" classroom (include cooking, laundry etc.)							1	1200	1200	
Learning Disabilities classroom (Pathways)							1	850	850	
Tutorial Studies classroom							1	1200	1200	
Alternative classroom							1	850	850	
OT/PT w/ treatment room							1	700	700	
SPED Classrooms							2	850	1700	
<b>Area Required</b>							<b>1</b>		<b>6500</b>	

# ENGLISH

**645-5M/S**  
**Table 1 - Basic Educational Space**  
**for Planned Program**

Course No.	A Subject	B Projected Students, per Subject	C Class Size	D Sections	E Sessions Per Week	F Total Sessions	G Periods Per Week	H Total Stations Required	J Sq. Ft. Each Station	K Total Area Required	Comments
	<b>ENGLISH</b>										
111	Freshman English 111	301	22	14	4.25	60	30	1.98			
112	Freshman English 112	35	22	2	4.50	9	30	0.30			
121	Sophmore English 121	291	22	13	2.00	26	30	0.87			Semester
122	Sophmore English 122	36	22	2	2.00	4	30	0.13			Semester
136	Contemporary Literature	159	22	7	2.20	15	30	0.51			Semester
137	Contemporary Literature	80	22	4	2.20	9	30	0.29			Semester
153	Writing Workshop	63	22	3	2.00	6	30	0.20			Semester
154	Writing Workshop	92	22	4	2.20	9	30	0.29			Semester
130	American Writers	18	22	1	2.00	2	30	0.07			Semester
131	American Literature Survey	227	22	10	2.20	22	30	0.73			Semester
144	European Literature	105	22	5	2.25	11	30	0.38			Semester
148	World Literature	75	22	3	2.20	7	30	0.22			Semester
172	Language and Media	107	22	5	2.20	11	30	0.37			Semester
133	British Writers	17	22	1	2.50	3	30	0.08			Semester
134	British Literature Survey	195	22	9	2.00	18	30	0.60			Semester
162	Rhetoric & Advanced Language	152	22	7	2.00	14	30	0.47			Semester
184	Literature and the Arts	36	22	2	2.50	5	30	0.17			Semester
	<b>ENGLISH SUBTOTAL</b>	336 826 1162	FY Semester FTE FTE			7.66	/ .85 =	7.66	9	850	7,650

645-5M/S

ENGLISH

Table 1 - Basic Educational Space for Planned Program

Course No.	A Subject	B Projected Students, per Subject	C Class Size	D Sections	E Sessions Per Week	F Total Sessions	G Periods Per Week	H Total Stations Required	J Sq. Ft. Each Station	K Total Area Required	Comments
	<b>ENGLISH</b>										
	Courses listed as "Semester" are adjusted to Full Time Equivalent (FTE). This is done by reducing "sessions per week" by half to give an equivalent year classroom requirement.										
	<b>Spaces Required:</b>										
	Expository Writing (Computer) Lab										
								1	1,200	1200	
								9	850	7650	
								1	800	800	
								<b>11</b>		<b>9650</b>	

Table 1 - Basic Educational Space  
for Planned Program

## SOCIAL STUDIES

Course No.	A Subject	B Projected Students, per Subject	C Class Size	D Sections	E Sessions Per Week	F Total Sessions	G Periods Per Week	H Total Stations Required	J Sq. Ft. Each Station	K Total Area Required	Comments
<b>SOCIAL STUDIES</b>											
201	World Cultures & Civilizations	335	22	15	4.2	63	30	2.10			
250	United States History	339	22	15	4.3	65	30	2.15			
216	Psychology- The Brain, Mind & Behavior	129	22	6	2.5	15	30	0.50			Semester
223	Political Science - International Issues	73	22	3	2.33	7	30	0.23			Semester
225	Religion: World Religions	101	22	5	2	10	30	0.33			Semester
238	Ancient History - Greece	139	22	6	2.1	13	30	0.42			Semester
244	Sociology - Introduction to Sociology	47	22	2	2	4	30	0.13			Semester
252	US History - The 19th Century	78	22	4	2.2	9	30	0.29			Semester
253	US History - the Presidency	76	22	4	2.2	9	30	0.29			Semester
262	European History: 20th Century	44	22	2	2	4	30	0.13			Semester
219	Psychology - Normal & Abnormal Behavior	125	22	6	2.2	13	30	0.44			Semester
220	Psychology - Senior	177	22	8	2.2	18	30	0.59			Semester
221	Economics - Introduction to Economics	77	22	4	2.33	9	30	0.31			Semester
245	Sociology - Social Problems in the United States	75	22	3	2	6	30	0.20			Semester
251	US History - Making Modern USA	101	22	5	2.2	11	30	0.37			Semester
254	US History - Constitution	78	22	4	2	8	30	0.27			Semester

645-5M/S

Table 1 - Basic Educational Space for Planned Program

**SOCIAL STUDIES**

A	B	C	D	E	F	G	H	J	K	
Course No.	Subject	Projected Students, per Subject	Class Size	Sections	Sessions Per Week	Total Sessions	Periods Per Week	Total Stations Required	Sq. Ft. Each Station	Total Area Required
<b>SOCIAL STUDIES</b>										
		674						8.76		
		660	Semester FTE			8.76	/ .85 =	10.3		
		1334						10.0	850	8,500
		<b>SOCIAL STUDIES SUBTOTAL</b>								
		Courses listed as "Semester" are adjusted to Full Time Equivalent (FTE). This is done by reducing "sessions per week" by half to give an equivalent year classroom requirement.								
		<b>Spaces Required:</b>								
								10	850	8500
								1	800	800
								<b>11</b>		<b>9300</b>

## 645-5M/S

Table 1 - Basic Educational Space  
for Planned Program

## MATH

Course No.	A Subject	B Projected Students, per Subject	C Class Size	D Sections	E Sessions Per Week	F Total Sessions	G Periods Per Week	H Total Stations Required	J Sq. Ft. Each Station	K Total Area Required	Comments
<b>MATHEMATICS</b>											
411	CP Algebra 1	48	22	2	4.50	9.0	30	0.30			
415	CP III Algebra 1	16	22	1	4.00	4.0	30	0.13			
421	College Prep III Geometry	20	22	1	4.00	4.0	30	0.13			
422	Algebra 1 PT2	17	22	1	4.00	4.0	30	0.13			
423	College Prep II Geometry	95	22	4	4.25	17.0	30	0.57			
424	College Prep I Geometry	118	22	5	4.20	21.0	30	0.70			
425	Honors Geometry	88	22	4	4.25	17.0	30	0.57			
431	College Prep III Algebra 2	52	22	3	4.50	13.5	30	0.45			
433	College Prep II Algebra 2	121	22	6	4.00	24.0	30	0.80			
434	College Prep I Algebra 2	91	22	4	4.50	18.0	30	0.60			
435	Honors Algebra 2	96	22	4	4.50	18.0	30	0.60			
440	College Prep III Analysis	42	22	2	2.00	4.0	30	0.13			Semester
441	College Prep III Trigonometry	41	22	2	2.00	4.0	30	0.13			Semester
442	College Prep II Analysis	105	22	5	2.25	11.3	30	0.38			Semester
443	College Prep II Trigonometry	101	22	5	2.50	12.5	30	0.42			Semester
444	College Prep I Analysis	99	22	5	2.13	10.6	30	0.35			Semester
445	College Prep I Trigonometry	102	22	5	2.13	10.6	30	0.35			Semester
446	Honors Analysis & Trigonometry	86	22	4	4.50	18.0	30	0.60			
449	Statistics	75	22	3	4.00	12.0	30	0.40			



## FOREIGN LANGUAGE

645-5M/S  
Table 1 - Basic Educational Space  
for Planned Program

A	B	C	D	E	F	G	H	J	K	Comments
Course No.	Subject	Projected Students, Ea. Class	Class Size	Sections	Sessions Per Week	Total Sessions	Periods Per Week	Total Stations Required	Sq. Ft. Each Station	Total Area Required
<b>FOREIGN LANGUAGE</b>										
311	French Novice 1	21	22	1	4.0	4	30	0.13		
321	French Novice 2	62	22	3	4.0	12	30	0.40		
325	French Novice Accelerated	37	22	2	4.5	9	30	0.30		
331	French Novice 3	53	22	2	4.0	8	30	0.27		
335	French Intermediate IH	61	22	3	4.5	14	30	0.45		
341	French Intermediate I	36	22	2	4.0	8	30	0.27		
347	French Intermediate II	26	22	1	4.0	4	30	0.13		
345	French Intermediate IIIH	52	22	2	4.5	9	30	0.30		
346	French Advanced IH	28	22	1	4.0	4	30	0.13		
								2.38		
						2.38	/ .85 =	2.80		
<b>ASSUME 3 FRENCH LANGUAGE CLASSROOMS</b>										
361	Spanish Novice 1 (Review)	59	22	3	4.0	12	30	0.40		
371	Spanish Novice 2	97	22	4	4.5	18	30	0.60		
365	Spanish Novice Accelerated	79	22	4	4.3	17	30	0.58		
381	Spanish Novice 3	78	22	4	4.0	16	30	0.53		
375	Spanish Intermediate I	74	22	3	4.5	14	30	0.45		
386	Spanish Intermediate IH	52	22	2	4.0	8	30	0.27		
387	Spanish Intermediate II	39	22	2	4.0	8	30	0.27		
385	Spanish Intermediate IIH	49	22	2	4.5	9	30	0.30		



Table 1 - Basic Educational Space for Planned Program

FOREIGN LANGUAGE

A	B	C	D	E	F	G	H	J	K		
Course No.	Subject	Projected Students, Ea. Class	Class Size	Sections	Sessions Per Week	Total Sessions	Periods Per Week	Total Stations Required	Sq. Ft. Each Station	Total Area Required	Comments
<b>FOREIGN LANGUAGE</b>											
389	Spanish Advanced IH	49	22	2	4.0	8	30	0.27			
								3.66			
						3.7	/ .85 =	4.31			
<b>ASSUME 4 SPANISH LANGUAGE CLASSROOMS</b>											
354	Advanced H Latin	15	22	1	5.0	5	30	0.17			
357	Reading Latin: Foundations 1	39	22	2	4.0	8	30	0.27			
358	Reading Latin: Foundations 2	39	22	2	4.5	9	30	0.30			
359	Reading Latin: Intermediate	17	22	1	4.0	4	30	0.13			
360	Reading Latin: Advanced	15	22	1	5.0	5	30	0.17			
								1.03			
						1.03	/ .85 =	1.22			
<b>ASSUME 1 LATIN LANGUAGE CLASSROOMS</b>											
305	Chinese 1	23	22	1	4.0	4	30	0.13			
306	Chinese 2	15	22	1	4.0	4	30	0.13			
307	Chinese 3	13	22	1	4.0	4	30	0.13			
308	Chinese 4	13	22	1	5.0	5	30	0.17			
<b>TOTAL</b>										<b>1141</b>	
						<b>0.57</b>	<b>/ .85 =</b>	<b>0.7</b>			
										<b>ASSUME 1 CHINESE LANGUAGE CLASSROOMS</b>	
						<b>1</b>	<b>850</b>	<b>850</b>			

## FOREIGN LANGUAGE

645-5M/S  
Table 1 - Basic Educational Space  
for Planned Program

A	B	C	D	E	F	G	H	J	K		
Course No.	Subject	Projected Students, Ea. Class	Class Size	Sections	Sessions Per Week	Total Sessions	Periods Per Week	Total Stations Required	Sq. Ft. Each Station	Total Area Required	Comments
<b>FOREIGN LANGUAGE</b>											
Courses listed as "Semester" are adjusted to Full Time Equivalent (FTE). This is done by reducing "sessions per week" by half to give an equivalent year classroom requirement.											
<b>Spaces Required:</b>											
	3 French Classrooms							3	850	2550	
	4 Spanish Classrooms							4	850	3400	
	1 Latin Classroom							1	850	850	
	1 Chinese Classroom							1	850	850	
	Language Lab							2	1200	2400	
	Language Resource Room							1	800	800	
	<b>Area Required</b>							<b>12</b>		<b>10850</b>	



645-5M/S

Table 1 - Basic Educational Space for Planned Program

SCIENCE

Course No.	A Subject	B Projected Students, per Subject	C Class Size	D Sections	E Sessions Per Week	F Total Sessions	G Periods Per Week	H Total Stations Required	J Sq. Ft. Each Station	K Total Area Required	Comments																																																																
<b>SCIENCE</b>																																																																											
551	Introduction to Physics (CP)	67	22	3	4.33	12.99	30	0.43																																																																			
555	Introduction to Physics (E)	101	22	5	4.5	22.5	30	0.75																																																																			
556	Introduction to Physics (H)	101	22	5	4.25	21.25	30	0.71																																																																			
557	Advanced Physics (H)	26	22	1	4	4	30	0.13																																																																			
		295						2.02																																																																			
						2.02	1.75	2.70																																																																			
600	Senior Project	24	22	1	2.5	2.5	35	0.07			Semester																																																																
<b>SCIENCE SUBTOTAL 1273</b>																																																																											
<b>NOTE: All science courses are to be taught in a lecture / lab</b>																																																																											
Courses listed as "Semester" are adjusted to Full Time Equivalent (FTE). This is done by reducing "sessions per week" by half to give an equivalent year classroom requirement.																																																																											
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> </tr> <tr> <td colspan="10"></td> <td style="text-align: right;"><b>ASSUME 13 SCIENCE LECTURE / LABS</b></td> <td></td> </tr> <tr> <td colspan="10"></td> <td style="text-align: right;"><b>13.0</b></td> <td style="text-align: right;"><b>1,300</b></td> <td style="text-align: right;"><b>16,900</b></td> </tr> </table>																																		<b>ASSUME 13 SCIENCE LECTURE / LABS</b>												<b>13.0</b>	<b>1,300</b>	<b>16,900</b>																											
										<b>ASSUME 13 SCIENCE LECTURE / LABS</b>																																																																	
										<b>13.0</b>	<b>1,300</b>	<b>16,900</b>																																																															
<b>Spaces Required:</b>																																																																											
13 Science labs																																																																											
6 Prep Rooms																																																																											
Science Resource																																																																											
Area Required																																																																											
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> </tr> <tr> <td colspan="10"></td> <td style="text-align: right;">13</td> <td style="text-align: right;">1300</td> <td style="text-align: right;">16900</td> </tr> <tr> <td colspan="10"></td> <td style="text-align: right;">6</td> <td style="text-align: right;">300</td> <td style="text-align: right;">1800</td> </tr> <tr> <td colspan="10"></td> <td style="text-align: right;">1</td> <td style="text-align: right;">800</td> <td style="text-align: right;">800</td> </tr> <tr> <td colspan="10"></td> <td style="text-align: right;">20</td> <td style="text-align: right;"></td> <td style="text-align: right;">19500</td> </tr> </table>																																		13	1300	16900											6	300	1800											1	800	800											20		19500
										13	1300	16900																																																															
										6	300	1800																																																															
										1	800	800																																																															
										20		19500																																																															



645-5M/S  
**ART APPLIED TECHNOLOGY**  
 Table 1 - Basic Educational Space  
 for Planned Program

Course No.	A Subject	B Projected Students, per Subject	C Class Size	D Sections	E Sessions Per Week	F Total Sessions	G Periods Per Week	H Total Stations Required	J Sq. Ft. Each Station	K Total Area Required	Comments
<b>ART / APPLIED TECHNOLOGY</b>											
808	Two Dimensional Art	76	22	3	2.5	7.5	30	0.25			Semester
809	Advanced Two Dimensional Art	26	22	1	2.5	2.5	30	0.08			Semester
810	Advanced Two Dimensional Art	26	22	1	2.5	2.5	30	0.08			
		77	FTE					0.42			
						0.42	.85	0.49			
<b>ASSUME 1 2D STUDIO CLASSROOM</b>											
811	Ceramics	85	22	4	2.5	10	35	0.29			Semester
812	Advanced Ceramics	36	22	2	2.5	5	35	0.14			Semester
730	C ++ Program 1	21	22	1	2.5	2.5	35	0.07			Semester
		71	FTE					0.50			
						0.50	.85	0.59			
<b>ASSUME 1 CERAMICS CLASSROOM</b>											
813	Video Production	92	22	4	2.5	10	30	0.33			Semester
815	Sculpture	40	22	2	2.5	5	30	0.17			Semester
		66	FTE					0.50			
<b>FINE ARTS SUBTOTAL</b>		<b>330</b>	<b>FTE</b>								
Courses listed as "Semester" are adjusted to Full Time Equivalent (FTE). This is done by reducing "sessions per week" by half to give an equivalent year classroom requirement.											

645-5M/S

**ART APPLIED TECHNOLOGY**

**Table 1 - Basic Educational Space  
for Planned Program**

Course No.	A Subject	B Projected Students, per Subject	C Class Size	D Sections	E Sessions Per Week	F Total Sessions	G Periods Per Week	H Total Stations Required	J Sq. Ft. Each Station	K Total Area Required	Comments
	<b>ART / APPLIED TECHNOLOGY</b>										
	<b>Spaces Required:</b>										
	2D Studio Art							1	1,400	1400	
	3D Studio Art / Architecture							1	1400	1400	
	Ceramics with Kiln							1	1000	1000	
	Photography Classroom with dark room							1	1000	1000	
	PC Lab							1	1200	1200	
	MAC Lab							1	1200	1200	
	Shared Computer Lab							1	1200	1200	
	Area Required							7	1200	8400	

645-5M/S

Table 1 - Basic Educational Space for Planned Program

MUSIC

Course No.	A Subject	B Projected Students, per Subject	C Class Size	D Sections	E Sessions Per Week	F Total Sessions	G Periods Per Week	H Total Stations Required	J Sq. Ft. Each Station	K Total Area Required	Comments
	<b>MUSIC</b>										
850	Pep Band / Concert Band	48	48	1	2	2	30	0.07			Semester
851	Concert Band	46	48	1	2	2	30	0.07			Semester
852	Concert Band	94		1	2	2	30	0.07			Semester
855	Jazz Band A	24	24	1	3	3	30	0.10			
864	Jazz Band B	22	22	1	2	2	30	0.07			
870	Pep Band / Repertory Band	51	51	1	2	2	30	0.07			Semester
871	Repertory Band	38	38	1	2	2	30	0.07			Semester
872	Repertory Band	38	38	1	2	2	30	0.07			Semester
		361	FTE					0.57			
853	String Orchester	34	34	1	2.5	2.5	30	0.08			Semester
854	String Orchester II	34	34	1	2.5	2.5	30	0.08			Semester
		34	FTE					0.17			
856	Chorus	254	80	3	4	12	30	0.40			
866	Select Chorus	26	26	1	2	2	30	0.07			
		280						0.47			
858	Music Theory / History	14	22	1	2	2	30	0.07			Semester
869	Introduction to Music Technology	12	12	1	2.5	2.5	30	0.08			Semester
		13	FTE					0.15			



# MUSIC

**645-5M/S**  
**Table 1 - Basic Educational Space**  
**for Planned Program**

Course No.	A Subject	B Projected Students, per Subject	C Class Size	D Sections	E Sessions Per Week	F Total Sessions	G Periods Per Week	H Total Stations Required	J Sq. Ft. Each Station	K Total Area Required	Comments
	<b>MUSIC</b>										
	<b>MUSIC SUBTOTAL</b> 688 FTE										
	Courses listed as "Semester" are adjusted to Full Time Equivalent (FTE). This is done by reducing "sessions per week" by half to give an equivalent year classroom requirement.										
	<b>Spaces Required:</b>										
	Band Room							1	2200	2200	
	Orchestra Room							1	1400	1400	
	Chorus Room							1	1400	1400	
	Music Technology / Classroom							1	700	700	
	Ensemble Room							1	300	300	
	Practice Rooms							10	80	800	
	<b>Area Required</b>							<b>15</b>		<b>6800</b>	

645-5M/S

**HEALTH**

**Table 1 - Basic Educational Space for Planned Program**

A	B	C	D	E	F	G	H	J	K		
Course No.	Subject	Projected Students, per Subject	Class Size	Sections	Sessions Per Week	Total Sessions	Periods Per Week	Total Stations Required	Sq. Ft. Each Station	Total Area Required	Comments
	<b>Health &amp; Fitness</b>										
910	Health & Fitness, Grade 9	334	22	15	3	45	30	1.50			Gym
911	Health & Fitness, Grade 10	334	22	15	2	30	30	1.00			Gym
912	Health & Fitness, Grade 11	208	22	7	2	14	30	0.47			Semester/Gym
913	Health & Fitness, Grade 11	204	22	9	1	9	30	0.30			Semester/Gym
915	Health & Fitness, Grade 12	203	22	9	1	9	30	0.30			Semester/Gym
916	Health & Fitness, Grade 11	208	22	9	1	9	30	0.30			Semester/Gym
								3.87			
						3.87	/85	4.55			
								<b>ASSUME 5 GYM TEACHING STATIONS</b>			
											Classroom / same as above some semesters
910	Health & Fitness, Grade 9	334	22	15	3	45	30	1.50			Classroom / same as above some semesters
912	Health & Fitness, Grade 11	208	22	7	2	14	30	0.47			Classroom / same as above some semesters
914	Health & Fitness, Grade 12	148	22	9	1	9	35	0.26			Semester/Classroom
	<b>HEALTH SUBTOTAL</b>					1.11	0.85	1.11	1.31		
						<b>ASSUME 2 HEALTH CLASSROOM</b>		2	850	1700	
	Courses listed as "Semester" are adjusted to Full Time Equivalent (FTE). This is done by reducing "sessions per week" by half to give an equivalent year classroom requirement.										

645-5M/S

HEALTH

Table 1 - Basic Educational Space for Planned Program

A	B	C	D	E	F	G	H	J	K	
Subject	Projected Students, per Subject	Class Size	Sections	Sessions Per Week	Total Sessions	Periods Per Week	Total Stations Required	Sq. Ft. Each Station	Total Area Required	
<b>Health &amp; Fitness</b>										
<b>Spaces Required:</b>										
Classroom										
Gymnasium - 2 teaching stations							2	850	1700	
2 additional teaching stations							1	8000	8000	
Weight Room							1	4000	4000	
Dance / Aerobics							1	900	900	
Fitness / Cardiovascular							1	900	900	
Area Required							7	900	900	
									16400	
Expand Gym to Field House								1	18000	18000