

**CONCORD-CARLISLE HIGH  
SCHOOL**

**2002 FEASIBILITY STUDY**

**EDUCATIONAL SPECIFICATION**

## 8. Educational Specifications

The following Preliminary Educational Program lists all of the space needs by department for the CCHS with a capacity of 1350 students. Based on the limited scope of this master planning process, a few areas that are being considered for renovations have not been reprogrammed at this time, although this would be an expectation of the next design phase of the project. For example, renovation of the locker rooms and the Physical Education Department areas are shown on this program as currently configured. The gross square feet in the area will not expand but the way the space is divided may change. Discussions have not yet been held with the Physical Education Department to determine how this will be completed but the total square feet and overall cost has been estimated and this work has been included in the projected scope of work.

Master Plan Educational Program  
 Concord-Carlisle High School  
 Concord & Carlisle, Massachusetts  
 November 21, 2002

		Existing Space			New Master Plan			Change		Comments
		No.	Net S.F.	Total	No.	Net S.F.	Total	No.	Net S.F.	
<b>1</b>	English									
	Classrooms	3	790	2,370	5	790	3,950			
		2	800	1,600	2	800	1,600			
		1	820	820	2	780	1,560			
	shared w/ S.S.	1	780	780						
	Subtotal	7		5,570	9		7,110	2	1,540	
	Comp. Writing Ctr	1		870	1		870			
	Book Storage			290			290			
	Resource Center	shared w/ Soc.St.			shared w/ Soc.St.					
	Faculty Space:									
	Workroom			800			800			
	Kitchen	shared w/ Soc.St.		120			120			
	Stor./Copy Room	shared w/ Soc.St.		155			155			
	Secretary	shared w/ Soc.St.		640			410			
	Conference rm.			210			210			
	Subtotal			3,085			2,855		-230	
	Total			8,655			9,965		1,310	
<b>2</b>	Social Studies									
	Classrooms	2	780	1,560	3	750	2,250			
		4	790	3,160	1	780	780			
		1	800	800	3	790	2,370			
	shared w/English	1	780	780	2	830	1,660			
					1	850	850			
	Subtotal	8		6,300	10		7,910	2	1,610	
	Book Storage	1		290			290			
	Resource Center	1		840			1,010			
	Faculty Space:									
	Workroom	1		800	1	370	370			
					1	800	800			

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	Existing Space			New Master Plan			Change		Comments
	No.	Net S.F.	Total	No.	Net S.F.	Total	No.	Net S.F.	
Office				1	100	100			
				1	85	85			
Kitchen		(shared w/English)				0			
Stor./Copy Room		(shared w/English)				0			
Secretary		(shared w/English)				0			
Lunch Room	1		200			200			
Subtotal			2,130			2,855		725	
Total			8,430			10,765		2,335	

3	Math	No.	Net S.F.	Total	No.	Net S.F.	Total	No.	Net S.F.	Comments
	Classrooms	9	800	7,200	9	800	7,200			
					1	1,080	1,080			
	Subtotal	9		7,200	10		8,280	1	1,080	
	Book Storage			90			90			
	Resource Center			800			800			
	Faculty Space:									
	Dept. Chair Office			210			210			
	Math Workroom			480			480			
	Office			310			310			
	Subtotal			1,890			1,890		0	
	Total			9,090			10,170		1,080	

4	Science	No.	Net S.F.	Total	No.	Net S.F.	Total	No.	Net S.F.	Comments
	Classrooms/Labs	1	780	780	14	1,300	18,200			
		1	840	840						
		1	850	850						
		2	890	1,780						
		1	970	970						
		1	1,040	1,040						
		1	1,080	1,080						
		2	1,180	2,360						
		1	1,300	1,300						
		1	1,480	1,480						
	Subtotal	12		12,480	14		18,200	2	5,720	

	Student Wkrooms				4	690	2,760			
	Offices/Wkroom				1	4,000	4,000			
	Sci. Storage				1	920	920			
	Greenhouse				1	1,050	1,050			Add w/ new Science Building
	Subtotal			0			3,810		3,810	

	Prep Rooms	1		520						May be provided as part of larger Science Labs or as separate rooms
		1		320						
		1		430						
		1		260						
		1		180						
		2		190						
	Subtotal	7		1,900	0		0	-7	-1,900	

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	Existing Space			New Master Plan			Change		Comments
	No.	Net S.F.	Total	No.	Net S.F.	Total	No.	Net S.F.	
Storage	3	80	240						
	1	100	100						
Faculty Space:									
Workroom	1		540	1	1,530	1,530			
Workroom	1		370						
Office			100	1	1,530	1,530			
Office			85						
Subtotal			1,435			3,060		1,625	
Total			15,815			25,070		9,255	

5	Foreign Language								
	Classrooms	8	750	6,000	9	750	6,750		
	Subtotal	8		6,000	9		6,750	1	750
	Language Lab			1,960			1,960		
	Book Storage			135					
	Faculty Space:								
	Workroom			750	1		750		
	Office			350	1		350		
	Office				1	750	750		
	Conference				1	350	350		
	Storage			66			66		
	Storage	2	160	320	2	160	320		
	Subtotal			3,581			4,546		965
	Total			9,581			11,296		1,715

6	Health								
	Classrooms	1	750	750	2	800	1,600		
	Subtotal	1		750	2		1,600	1	850
	Office			240					
	Total			990			1,600		610

7	Sp.Ed.								
	Classrooms	1		610	1	790	790		
					1	820	820		
		1		580	2	800	1,600		
		1		760	1	780	780		
		1		840	1		840		
	Alt. Prgm-self cont.	1		840	1	840	840		
	Subtotal	5		2,790	7		4,830	2	2,040
	SPED Offices	2	110	220	2	110	220		
		2	120	240	2	120	240		
		1	115	115	1	115	115		
		1	120	120	2	120	240		
	Guidance Offices	4	95	380	4	130	520		
		1	200	200	1	150	150		
		1	140	140	1	140	140		
					3	110	330		
	School Adj. Office	2	115	230	2	110	220		
	Soc. Wk. Office	2	115	230	2	115	230		
	Psychiatry. Office	1	90	90	1	115	115		
	Conference Room	1	230	230	2	220	440		

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	Existing Space			New Master Plan			Change		Comments
	No.	Net S.F.	Total	No.	Net S.F.	Total	No.	Net S.F.	
Career Resource Center	1	950	950	1	950	950			
Waiting Area	1	260	260	1	260	260			
Secretary	1	350	350	1	350	350			
Workroom	1	150	150	1	150	150			
Copy Room	1	65	65	1	65	65			
Kitchen	1	46	46	1	46	46			
Records	1	70	70	1	70	70			
Subtotal			4,086			5,051		965	
Total			6,876			9,881		3,005	
<b>8 Art</b>									
2-D Art	1		855	2	1,075	2,150			
	1		1,100						
Ceramics	1		825			0			
Arch. Dwg/Sculp.	1		1,500			0			
Photo-incl. Dark Rm	1		985	1	1,240	1,240			
Ceramics				1	1,140	1,140			
Sculpture				1	940	940			
Arch. Dwg				1	1,130	1,130			
Subtotal	5		5,265	6		6,600		1,335	
Resource Center			330			430			
Office			150			0			
Storage			120			1,320			
			100						
			90						
Subtotal			790			1,750		960	
Total			6,055			8,350		2,295	
<b>9 Music</b>									
Band Room			1,600			2,600			
Chorus Room			1,400			1,820			
Orchestra Room			1,090			1,490			
Music Lab			680			1,090			
Subtotal			4,770			7,000		2,230	
Practice Rooms	1	75	75	1	75	75			
	2	70	140	2	70	140			
				1	120	120			
				1	160	160			
				1	240	240			
Office			160			410			
			240						
Storage									
Music Library			120			570			
Band Instruments			75			850			
Band Uniforms						190			
Orchestra Instrum.						220			
Subtotal			810			2,975		2,165	
Total			5,580			9,975		4,395	

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		Existing Space			New Master Plan			Change		Comments
		No.	Net S.F.	Total	No.	Net S.F.	Total	No.	Net S.F.	
10	Technology Education									
	Mac Lab / Video	1		1,380	1		1,050			
	Workroom	1		190	1		190			
	Indep. Work Lab				1		970			
	Comp. Storage			190	1		190			
	Storage				1		80			
	Office	1		100						
	PC Lab	1		1,360	1		1,220			
	Technology Lab				1		850			
	Cable TV			1,200	1		450			
				100						
				125						
				60						
				100						
	Radio Station	1		1,900	1	450	450			
	Radio / TV Studio				1	650	650			
	Storage	1		85	1	340	340			
	Storage	1		150						
	Total			6,940			6,440		-500	

11	Athletics									
	Upper Gym	1	9,775	9,775	1	9,775	9,775	0		Not reprogrammed - needs review with Athletic Department
	storage	2	65	130	2	65	130	1		
	storage	2	130	260	2	130	260	1		
	storage	1	110	110	1	110	110	0		
	Field House				1	24,000	24,000	0		
	Lower Gym	1	7,000	7,000			0	-1		
	Storage	1	250	250	1	250	250	0		
	Storage	1	270	270	1	270	270	0		
	Training Room	1	300	300	1	300	300	0		
	Fitness center	1	2,100	2,100	1	2,100	2,100	0		
	Coaches Locker Rm	1	370	370	1	370	370	0		
	Gym office	1	170	170	1	170	170	0		
	Storage	1	110	110	1	110	110	0		
	Boys Locker Room							-1		
	Team Room	1	600	600	1	600	600	0		
	storage	1	250	250	1	250	250	0		
	storage	1	150	150	1	150	150	0		
	storage	1	130	130	1	130	130	0		
	office	1	175	175	1	175	175	0		
	Girls Locker Room									
	Team Room	1	240	240	1	240	240	0		
	Team Room	1	665	665	1	665	665	0		
	storage	1	250	250	1	250	250	0		
	storage	1	100	100	1	100	100	0		
	storage	1	80	80	1	80	80	0		
	office	1	200	200	1	200	200	0		
	Health Classroom	1	1,010	1,010	1	800	800	0		
	Health Classroom	1	750	750	1	800	800	0		
	Health Fitness Office	1	230	230	1	230	230	0		
										Moved to Gym from Library

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		Existing Space			New Master Plan			Change		Comments
		No.	Net S.F.	Total	No.	Net S.F.	Total	No.	Net S.F.	
	Youth Center									
	Weight Training				1		1,500			
	Aerobics				1		1,200			
	Wrestling				1		2,700			
	Community Locker Rooms				2	500	1000			
	<b>Total</b>			<b>25,675</b>			<b>48,915</b>		<b>23,240</b>	
	Need to Program									
12	Performing Arts									
	Auditorium	1		6,200	1		10,680			
	Stage			1,700	1	1,700	1,700			
	Scenery Storage	1		190			1,540			
	<b>Total</b>			<b>8,090</b>			<b>13,920</b>		<b>5,830</b>	
13	Misc. Education									
	Study Hall/Flex. CR	1	940	940	1	810	810			In S Building
					1	1,010	1,010			In L Building
					1	790	790			in H Building
	Little Theater	1	1,680	1,680						
	<b>Total</b>			<b>2,620</b>			<b>2,610</b>		<b>-10</b>	
14	Other Space									
	Kitchen	1	3,580	3,580	1	3,500	3,500		-80	
	Cafeteria	1	8,980	8,980	1	8,160	8,160		-820	
	Teach. Dining/Kitchen	1	860	860	1	850	850		-10	
	<b>Subtotal</b>			<b>13,420</b>			<b>12,510</b>		<b>-910</b>	
	Administration:									Admin area not reprogrammed
	General Office	1	510	510	1	510	510			
	Offices	1	205	205	1	205	205			
		1	190	190	1	190	190			
		2	140	280	2	140	280			
		1	220	220	1	220	220			
	Secretaries	1	290	290	1	290	290			
	Conference.	1	125	125	1	125	125			
	Conference	1	450	450	1	450	450			
	Storage	1	230	230	1	230	230			
		1	220	220	1	220	220			
	Conf/ Workroom			1,120			0			
	Planning Room			310			0			
	METCO			100			100			
				115			115			
	Student Council			0			450			
	Nurse Suite	1	710	710	1	710	710			
	Kitchen	1	1,360	1,360			0			Use kitchen in Teacher Dining
	A/V Stor./Repair			1,100			1,100			
	<b>Subtotal</b>			<b>7,535</b>			<b>5,195</b>		<b>-2,340</b>	

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	Existing Space			New Master Plan			Change		Comments
	No.	Net S.F.	Total	No.	Net S.F.	Total	No.	Net S.F.	
Custodian Storage									
Outdoor/Ath. Stor.				1		1,800			
Building "I"			1,240			0			
			165			0			
			200			0			
Building "H"			31			31			
			24			24			
Caf.			0			192			
Building "A"			86			86			
Building "L"			28			28			
Building "S"			47			47			
Subtotal Cust. Space			1,821			2,208		387	
Total Other Space			22,776			19,913		-2,863	
Total Net Educational Space			136,183			187,270		51,087	