

Math/CTE Curriculum Map  
Enhanced Woods

<b>Unit</b>	<b>Lesson</b>	<b>CTE Standard/Competency</b>	<b>Math Standard/Competency</b>	<b>Hours</b>
<b>Area</b>	<b>Worksheet: Creating a beautiful classroom</b>	<b>C-9, C-3,</b>	<b>7.2.D</b>	
	<b>Worksheet: The blueprint Transparency 2-3 Area</b>	<b>C-10</b>	<b>7.2.D</b>	
	<b>Worksheet: Regular and Irregular Figures</b>	<b>C-9</b>	<b>6.4.B</b>	
	<b>Team: Calculate area of the classroom including walls and ceiling</b>	<b>C-9</b>	<b>6.4.B</b>	
	<b>Team: Design a floor plan</b>	<b>C-9, C-3</b>	<b>7.2.D</b>	
	<b>Team: One floor plan</b>		<b>7.2.D</b>	
	<b>Team: Scale the floor plan</b>	<b>C-3, C-9</b>	<b>7.3.C</b>	
	<b>Safety Check</b>			
	<b>Team: Build model house.</b>	<b>C-3, C-9, C-14, C-13, C-11</b>	<b>A1.8.E</b>	<b>2-6 weeks</b>

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Unit	Lesson	CTE Standard/Competency	Math Standard/Competency	Hours 15hrs
Equations	Math sheet on ratio	C-9	G.6.D	
	Worksheet on volume and surface area	C-9	7.3.A	
	Worksheet on Square feet	C-9	7.3.A	
	Individual: build forms according to the size give by Instructor	C-3, C-4, C-11,	A1.8.A	
	Individual: Calculate the amount of concrete your form will need and cost	C-15	A1.8.A	
	Team: Each team member will assist each other when pouring the concrete.	C-3	A1.8.A	
	Safety Check	C-6, C-17		

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Unit	Lesson	CTE Standard/Competency	Math Standard/Competency	Hours 25 Hrs
<b>Graph, Linear Equation Slope</b>	<b>Worksheets on Linear Equations</b>	C-9	A1.4.A	
	<b>Worksheet on Graphs and Slope</b>	C-9	A1.4.B	
	<b>Team: Shoot different points around school to determine Slope</b>	C-3	A1.4.C	
	<b>Team: Worksheet on calculating stairs</b>	C-9	A1.4.B	
	<b>Team: Build a set of stair at a designated length and width (Determine slope)</b>	C-11,C-9,C-3, C-4, C-16	A1.4.C	
	<b>Evaluate on finished product. (Class votes)</b>			
	<b>Safety Check</b>	C-17, C-7		

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Unit	Lesson	CTE Standard/Competency	Math Standard/Competency	Hours 20Hrs
System Equations	Worksheets on System Equations	C-9	A1.4.C, A1.4.D	
	Individual: Design a book out of wood for infants	C-3	A1.1.C	
	Individual: calculate the cost to make one book	C-15	A1.8.A, A1.4.A	
	Individual: Build one book. (Keep time sheet and material cost)	C-3, C-13, C-11	A1.1.C	
	Worksheet: Calculate your break even point and profit of \$1000	C-9	A1.8.E, A1.8.A	
	Individual: Design a checkerboard	C-3	A1.1.C	
	Individual: calculate the cost to make one Checkerboard	C-9	A1.4.A	
	Individual: Build one checkerboard. (Keep time sheet and material cost)	C-3, C-13, C-11, C-14	A1.1.C	
	Worksheet: Calculate your break even point and profit of \$1000	C-9	A1.8.E, A1.8.A	
	Safety Check	C-17		

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Unit	Lesson	CTE Standard/Competency	Math Standard/Competency	Hours 20Hrs
<b>Review of math skills: Equations, Systems of Equations, Area</b>	<b>Individual: Produce a clear outline of plan and calculations to make a jewelry box.</b>	<b>C-10</b>	<b>A1.8.F, 7.2.D</b>	
	<b>Individual: Build a jewelry box based on their design</b>	<b>C-10,C-11, C-3</b>	<b>8.5.F, A1.8.E</b>	