



# Career Technical Education Pathways

## VALLEY HIGH SCHOOL

### Industry Sector → Arts, Media, & Entertainment

Design, Visual, & Media Arts Pathway <i>Digital Media Arts Academy (DMAA)</i>						
Elementary School	Intermediate School	High School			College (Dual Enrollment)	
 <p><b>PLTW Launch</b></p> <p>Roosevelt Muir Garfield Thorpe</p> <p><b>Engage 360</b></p>	<p><b>STEAM Digital Media 8142A</b> Carr, McFadden, Willard &amp; Villa</p>	<p><b>Art of Graphic Design I UC a-g (f) 325A</b></p> <p><b>Articulated *CCC/SAC (3 Credits) *GWC (2 Credits)</b></p> <p>---or---</p> <p><b>Video Production I 335Z</b></p>	<p><b>Art of Animation I UC a-g (f) 321T</b></p> <p><b>Articulated *CCC (1.5 Credits) *GWC/IVC/SAC (Pending)</b></p>	<p><b>Professional Internship 860T</b></p> <p>(Available after completion of Art of Graphic Design I and/or Art of Animation I)</p>	<p><b>Photography 180 *SAC (3 Credits)</b></p>	
	<p><b>STEAM MS/Google 8140A</b> Carr, MacArthur, Mendez, Spurgeon &amp; Villa</p>					

### Industry Sector → Business & Finance

Financial Services Pathway <i>Global Business Academy ~ California Partnership Academy (CPA)</i>						
Elementary School	Intermediate School	High School			College (Dual Enrollment)	
	<p><b>STEAM MS/Google 8140A</b> Car, MacArthur, Mendez, Spurgeon &amp; Villa</p>	<p><b>Application of Business Technology UC a-g (g) 854T/TF/TS</b></p> <p><b>Articulated *CCC/SAC (3 Credits) *GWC (2 Credits) MOS Certification</b></p>	<p><b>Accounting with QuickBooks UC a-g (g) 871T</b></p> <p><b>Articulated *FCC (5 Credits) SAC (4 Credits) SCC (2 Credits)</b></p>	<p><b>Business Economics &amp; Finance UC a-g (g) 858T</b></p>	<p><b>Business 100 *SAC (3 Credits)</b></p>	
	<p><b>Tech Squad 4597T</b> Carr &amp; MacArthur</p> <p><b>Technology 9709ZF/ZS</b> Carr, MacArthur &amp; Villa</p>	<p><b>Business 125 *SAC (3 Credits)</b></p>				

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2/18/2017

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### Industry Sector → Engineering & Architecture

<i>Engineering Design Academy</i>						
Elementary School	Intermediate School	High School			College (Dual Enrollment)	
 <p><b>PLTW Launch</b> Roosevelt Muir Garfield Thorpe</p> <p><b>Engage 360</b></p>	<p><b>Automation &amp; Robotics (AR)</b> PLTW 6129A Carr, Esqueda, Lathrop, MacArthur, Mendez, Santiago, Spurgeon &amp; Villa</p>	<p><b>Introduction to Engineering Design (PLTW)</b> UC a-g (g) 667A</p> <p><b>Articulated *IVC/SAC (3 Credits)</b></p>	<p><b>Principles of Engineering Design (PLTW)</b> UC a-g (g)</p> <p><b>Articulated *SAC (3 Credits)</b></p>	<p><b>AP Computer Science Principles</b> UC a-g (g)</p>	<p><b>Network + CST C128 *CCC (3 Credits)</b></p>	
	<p><b>Design &amp; Modeling (DM)</b> PLTW 6139A Esqueda, Lathrop, McFadden, Mendez, Spurgeon, Villa &amp; Willard</p>					
	<p><b>Flight &amp; Space</b> PLTW 6159A Esqueda</p>					
	<p><b>STEAM Maker</b> 6160A Vila</p>					

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### Industry Sector → Health Science & Medical Technology

Patient Care Pathway (Dental Assistant)						
	Elementary School	Intermediate School	High School			College (Dual Enrollment)
	 <p><b>PLTW Launch</b> Roosevelt Muir Garfield Thorpe <b>Engage 360</b></p>	<p><b>Medical Detectives PLTW 6129A</b>  Esqueda, Lathrop, MacArthur, McFadden &amp; Santiago</p>	<p><b>Medical Core UC a-g (g) 927T</b>  <b>Articulated *CCC (3 Credits) *OCC/SAC (Pending)</b>  <b>First Aid/CPR Certification</b></p>	<p><b>Dental Assistant UC a-g (g) 898T</b></p>	<p><b>Advanced Dental Assistant Internship UC a-g (g) 899T (Extended Learning)</b> ---or--- <b>Hospital Occupations Internship 930T (Extended Learning)</b></p>	<p><b>Fall 2016 Kinesiology 101 *SAC (3 Credits)</b></p>

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### Industry Sector → Health Science & Medical Technology

Patient Care Pathway (Medical Assistant)						
	Elementary School	Intermediate School	High School			College (Dual Enrollment)
	<b>PLTW Launch</b>  Roosevelt Muir Garfield Thorpe  <b>Engage 360</b>	<b>Medical Detectives PLTW 6129A</b>  Esqueda, Lathrop, MacArthur, McFadden & Santiago	<b>Medical Core UC a-g (g) 927T</b>  <b>Articulated *CCC (3 Credits) *OCC/SAC (Pending)</b>  <b>First Aid/CPR Certification</b>	<b>Medical Assistant Clinical UC a-g (g) 946T</b> (Expanded Optics Unit embedded)  ---or---  <b>Hospital Occupations Internship 930T</b> (Extended Learning)	<b>Medical Assisting Front Office 947T</b>  ---and/or---  <b>Advanced Medical Assistant Clinical Internship UC a-g (g) 949T</b> (Extended Learning)	<b>Fall 2016 Kinesiology 101 *SAC (3 Credits)</b>

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### Industry Sector → Hospitality, Tourism & Recreation

Food Service & Hospitality Pathway						
	Elementary School	Intermediate School	High School			College (Dual Enrollment)
	<b>PLTW Launch</b>  Roosevelt Muir Garfield Thorpe  <b>Engage 360</b>	<b>Technology 9709ZF/ZS</b> Carr, MacArthur & Villa	<b>Culinary Arts UC a-g (g) 893T</b>  <b>Articulated *OCC/SAC (3 Credits)</b>  <b>ServSafe® Food Handler Certification</b>	<b>Culinary &amp; Restaurant Management I UC a-g (g) 896T</b>  <b>ProStart National Restaurant Certification</b>	<b>Advanced Culinary &amp; Restaurant Management I UC a-g (g) 896T</b>  <b>ProStart National Restaurant Certification</b>  ---and/or---  <b>Professional Internship 860T</b>	<b>Introduction to Baking &amp; Pastries Culinary Arts 198 *SAC (3 Credits)</b>

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### Industry Sector → Transportation

Systems Diagnostics & Service Pathway						
	Elementary School	Intermediate School	High School			College (Dual Enrollment)
	<b>PLTW Launch</b>  Roosevelt Muir Garfield Thorpe  <b>Engage 360</b>	<b>Technology 9709ZF/ZS</b>  Carr, MacArthur & Villa	<b>Auto MLR I</b> UC a-g (g) 845T  <b>Articulated *SAC</b> (3 Credits)  <b>ASE/NATEF Certification</b>	<b>Auto MLR II</b> UC a-g (g) 846T  <b>Articulated *SAC</b> (3 Credits)  <b>ASE/NATEF Certification</b>	<b>Auto MLR III</b> UC a-g (g) 847T  <b>ASE/NATEF Certification</b>	

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