



Stockton Unified School District

EDISON HIGH SCHOOL

Home of the Vikings



Essential Outcomes Chart: What is it we expect students to learn?

Grade:	9-12	Subject:	Construction level Two	Semesters	Two	Team Members:	David Castillo			
Standard Description			Example Rigor		Prerequisite Skills		Common Assessment	When Taught?	Extension Standards	
What is the essential standard to be learned? Describe in student-friendly vocabulary.			What does proficient student work look like? Provide an example and/or description.		What prior knowledge, skills, and/or vocabulary is/are needed for a student to master this standard?		What assessment(s) will be used to measure student mastery?	When will this standard be taught?	What will we do when students have learned the essential standard(s)?	
A6.0 Students understand the value and necessity of practicing occupational safety in the cabinetmaking industry or shop:			A student will be able to demonstrate proficiency completing a assigned project that they have the ability to function in a shop setting in a safety manure		Any prior knowledge of safety practices would help in woodworking or construction safety knowledge is good.		Observation, Safety test, completion of projects.	Throughout the year as needed.	Provide them with opportunities to refine their skills and stretch their abilities.	
A7.0 Students understand the variety of production processes used in the cabinetmaking and wood products industry:			A student will be able to demonstrate that they have the ability to function in a shop as a member of a team to complete a project, using plans, meeting deadlines and industry standers.		Any prior knowledge of safety practices would help; woodworking or construction safety knowledge is good.		Observation, Safety test, completion of projects.	Throughout the year as needed.	Provide them with opportunities to refine their skills and stretch their abilities.	

Mission: Thomas Alva Edison High School will deliver challenging and meaningful instruction within programs that are designed to prepare all students for a variety of post-secondary opportunities.

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<p>1.0 Academics Students understand the academic content required for entry into postsecondary education and employment in the Building Trades and Construction sector.</p>	<p>A proficient student will use academic processes, Recognize terms that are commonly used in the analysis of data and statistics while collaborating with peers and the adults. As it pertains to Trades and Construction sector.</p>	<p>basic math vocabulary Cornell notes Safety processes and procedures.</p>	<ul style="list-style-type: none"> • Demonstration • informal observation • Project completion. 	<p>All year</p>	<p>Give Students the opportunity to practice and refine the skill through engagement in the class room and in the community.</p>
<p>3.0 Career Planning and Management Students understand how to make effective decisions, use career information, and manage personal career plans:</p>	<p>A proficient student will be able to make informed choices as it pertains to education and career goals. Identify types of careers in the construction industry, describe the types of education needed in a specific career and build a career roadmap.</p>	<ul style="list-style-type: none"> • An understanding of the construction industry • The ability to research effectively • Communicate in a professional manner 	<ul style="list-style-type: none"> • Demonstration • informal observation • Project completion. 	<p>All year</p>	<p>Encourage students to set goals that are challenging but reachable.</p>
<p>D3.0 Interpret and apply information from technical drawings, schedules, and specifications used in the construction trades.</p>	<p>A proficient student will be able to read develop/draw plans and use the information on them to complete a project. With minimal supervision.</p>	<ul style="list-style-type: none"> • Visualization skills • An understanding of systems. • Art skills • Imagination 	<ul style="list-style-type: none"> • Demonstration • informal observation • Project completion 	<p>All year</p>	<p>Introduces Students to project and plans that have a higher level of complexity</p>

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<p>D5.0 Demonstrate foundation layout techniques to include setting forms, placing reinforcements, and placing concrete according to construction drawings, specifications, and building codes</p>	<p>A student will be able to demonstrate that they have the ability to placing small slabs, establish elevation for concrete structures based on construction drawings.</p>	<p>Any prior knowledge of safety practices would help woodworking or construction Industry or work knowledge is good.</p>	<p>Observation, Safety test, completion of projects.</p>	<p>Throughout the year as needed.</p>	<p>Provide them with opportunities to refine their skills and stretch their abilities.</p>
<p>D6.0 Demonstrate carpentry techniques for the construction of a single-family residence.</p>	<p>A student will be able to Lay out, cut, and install joist supports, rim joists, and floor joists as specified on construction plans, Demonstrate wall and plate layout, including rough opening, Lay out, cut, and install ceiling joists and common and jack rafter, Lay out, cut, and install ceiling joists and common and jack rafters, Install appropriate blocking, bracing, lookouts, fascia, and drip edge and Apply roof sheathing and install appropriate flashing</p>	<p>Any prior knowledge of woodworking or construction industry knowledge is good.</p>	<p>Observation, Safety test, completion of projects.</p>	<p>Throughout the year as needed.</p>	<p>Provide them with opportunities to refine their skills and stretch their abilities.</p>
<p>D7.0 Demonstrate proper installation techniques of interior finish materials and protective finishes.</p>	<p>A student will be able to Identify types and uses of wall finishing materials, Cut, fit, and install gypsum wallboard onto a framed wall using appropriate fasteners and Apply finishes according to specifications and industry standards</p>	<p>Any prior knowledge of woodworking or construction industry knowledge is good</p>	<p>Observation, Safety test, completion of projects.</p>	<p>Throughout the year as needed.</p>	<p>Provide them with opportunities to refine their skills and stretch their abilities.</p>

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*Months of instruction are tentative. Standards often change or are revisited based on the text (scripts) we are performing and the needs of the production.

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