

Industry Sector: Agriculture and Natural Resources

Pathway: Ornamental Horticulture



California Program of Study

Level	Grade	English Language Arts	Math	Social Studies	Science	Career Technical Education Course	Other Required Courses or Recommended Electives		Sample Occupations relating to this pathway (Including SOC Code)	
MIDDLE SCHOOL	7	English	Math or Pre-Alg	History	Science		PE Health	ASES Career Awareness ROP SB-70 PACH	Occupations requiring a high school diploma > Landscape Equipment Operator > Nursery Sales Associate > Tree Trimmer & Pruner	
	8	English	Math or Pre-Alg	History	Science		PE Health	ASES Career Awareness ROP SB-70 PACH		
SECONDARY	9	English I or English I G/H or Trans English	Alg Readiness or Algebra 1 or Geometry	World Cultures	Earth Science or Biology	Intro to Ag	PE Health	Spanish	Occupations requiring some post-secondary > Occupations requiring a 2 year Degree > Floral Designer > Garden Equipment & Supplies Dealer > Landscape Contractor Occupations requiring a BA/BS Degree > Entomologist > Greenhouse & Nursery Manager > Landscape Architect	
	10	English II or English II G/H or Trans English I/II	Algebra 1 or Geometry	World Cultures or AP World History	Earth Science or Biology or Chemistry	Intro to Ag	PE	Spanish		
	11	English III or AP English Language or English I	Geometry	US History or AP US History or AP World History	Chemistry or AP Biology or AP Environmental Science or Anatomy/Phys	Plant Science or Landscape Design Installation & Maintenance 5 th 6 th 7 th				
	12	English IV or AP English Lit or English II	Algebra 2	Government/Econ or Government/Econ G/H or SEI Civics	Chemistry or AP Environmental Science or Anatomy/Phys	Landscape Design Installation & Maintenance 5 th 6 th 7 th	Ag Communications			
POSTSECONDARY	Articulated dual credit courses must be taken/moved to the secondary level for articulation/dual credit purposes.								Industry recognized certifications, licenses, credentials or apprenticeships related to this pathway. > Landscape Contractor > Landscape Architect	
	13	IVC / Community College Possible Majors:								
	14									
	15									
16										
Junior High/Middle School: Barbara Worth Junior High, Westmorland, Mulberry and Magnolia Schools – grades 7 th -8 th							Required Courses			
High School: Brawley Union High School – grades 9 th -12 th							Career Technical Education Courses			
Community College: Imperial Valley College – grades 13 th -14 th							Other Required Courses and Recommended Electives			
College/University: San Diego State University – grades 15 th -16 th							Dual/Concurrent Enrollment – Articulated Courses			