

Santa Ynez Valley Botanic Garden

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Garden provides a close-by opportunity for Valley students to experience nature with the contrast of urban interface and the beginning of wild lands. The site affords opportunities for birding, with the well-cared for collection of native plants. Discussion of preserving natural habitats near local population centers can be coupled with the need for wildfire protection to extend this legacy into the future.



Nature art is often a focal part of our program at the site where we take advantage of picnic tables to focus small groups on learning about nature from hands-on contact and expression of appreciation for nature. Learning proper use of binoculars before an in-field birding experience enhances the success of being able to find and focus on the range of birds.

Appropriate for *Grades K – 8*

Available Field Trip Emphases: *Geology, Ecology (including Watershed and Riparian habitats)*

Led by experienced and enthusiastic Nature Track docents, field trips at Santa Ynez Valley Botanic Garden are designed to be used as a companion to state science standards and provide a real-life experience for students in geology and ecology. Docents can lead students in trips that focus on the appropriate grade level and subject and engage students in exploration of science and nature through hikes, guided discussion, and educational nature games. Nature-based art and other creative projects are also available.



Field Trips at Santa Ynez Valley Botanic Garden can be used in conjunction with the following California State Standards and Next Generation Science Standards:

Geology Field Trip

Grade	CA Standards	Next Generation
K	Earth Sciences: 3a	Energy: K-PS3.B
2	Earth Sciences: 3a, 3b, 3c	Earth's Place in the Universe: 2-ESS1.C; Earth's Systems: 2-ESS2.A, 2-ESS2.B, 2-ESS2.C
4	Earth Sciences: 4a, 4b, 5a, 5b, 5c	Earth's Place in the Universe: 4-ESS1.C; Earth's Systems: 4-ESS2.A, 4-ESS2.B; Earth and Human Activity: 4-ESS3.A
5	-	Earth's Systems: 5-ESS2.A, 5-ESS2.C; Earth and Human Activity: 5-ESS3.C
6	Earth Sciences: 1b, 1d, 1e, 1f, 2a, 2b, 2d; Investigation & Experimentation: 7f, 7g	Standards for 6-8: Earth's Place in the Universe: MS-ESS1.C; Earth's Systems: MS-ESS1.C, MS-ESS2.A, MS-ESS2.B, MS-ESS2.C; Earth and Human Activity: MS-ESS3.A, MS-ESS3.C, MS-ESS3.D
7	Life Sciences: 4a, 4b, 4c, 4d, 4f	See Above
8	-	See Above



Ecology Field Trip

Grade	CA Standards	Next Generation
K	Life Sciences: 2a, 2c	From Molecules to Organisms: K-LS1.C; Earth's Systems: K-ESS2.E, K-ESS3.C; Earth and Human Activity: ESS3.A
1	Life Sciences: 2a, 2b, 2c, 2d, 2e	From Molecules to Organisms: 1-LS1.A, 1-LS1.B; Heredity: 1-LS3.A, 1-LS3.B
2	Life Sciences: 2a, 2b, 2c, 2d, 2e, 2f	Ecosystems: 2-LS2.A; Evolution: 2-LS4.D
3	Life Sciences: 3a, 3b, 3c, 3d, 3e	From Molecules to Organisms: 3-LS1.B; Ecosystems: 3-LS2.D; Heredity: 3-LS3.A, 3-LS3.B; Evolution: 3-LS2.C, 3-LS4.A, 3-LS4.B, 3-LS4.C, 3-LS4.D
4	Life Sciences: 2a, 2b, 2c, 3a, 3b, 3c, 3d	From Molecules to Organisms: 4-LS1.A, 4-LS1.D; Earth's Systems: 4-ESS2.E
5	-	Energy: 5-PS3.D, 5-LS1.C; From Molecules to Organisms: 5-LS1.C; Ecosystems: 5-LS2.A, 5-LS2.B
6	Earth Sciences: 5a, 5b, 5c, 5d, 5e	Standards for 6-8: From Molecules to Organisms: MS-LS1.B, MS-LS1.C; Ecosystems: MS-LS2.A, MS-LS2.B, MS-LS2.C, MS-LS4.D; Heredity: MS-LS1.B; Evolution: MS-LS4.C
7	Life Sciences: 2a, 3a, 3e, 5a, 5f	See Above
8	-	See Above

