

Arroyo Hondo Preserve

Located west of Santa Barbara between Refugio and Gaviota State Beaches, the steep canyon affords students the opportunity to see native trees and plants in an undisturbed community of sycamores, ancient oak trees, bay Laurel and sages. Included in this habitat are many species that are considered threatened or endangered. This narrow canyon provides an interesting geology with ocean views visible from the trails among the unique landforms. The history here includes



a Chumash village as well as a stagecoach stop. The Arroyo Hondo story of selection by the Land Trust for Santa Barbara County provides lessons on conservation of local natural habitats set aside for learning opportunities and research.

Appropriate for *Grades K – 8*

Available Field Trip Emphases: *Geology, Ecology*


Led by experienced and enthusiastic Nature Track docents, field trips at Arroyo Hondo Preserve 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 Arroyo Hondo Preserve 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
---	---	-----------

