



# Black Diamond Regional Preserve

## Digital Learning Interpretive Program Descriptions



Digital Learning Program	Grade	Duration
<b>Virtual Mine Tour</b> Dive into the depths to discover the history hidden underground. Join a Naturalist on this virtual tour to learn about coal and sand mining in the Bay Area.	3rd & 4th	45 minutes
<b>Mysteries of the Chaparral</b> Become an Eco Detective and discover the mysteries of the chaparral. What creatures are hiding here, and how do the plants create this unique ecosystem? Put your sleuthing skills to the test during this virtual eco-mystery.	3rd & 4th	45 minutes
<b>Animals and their Habitats</b> Virtually meet the Black Diamond animal ambassadors as we compare similarities and differences between local animals and humans. Learn how animals use their senses to survive and explore what makes the perfect habitat for our local creatures!	K, 1st, & 2nd	45 minutes
<b>Black Diamond Geology</b> Join a naturalist on a virtual discovery of the rocks at Black Diamond Mines Regional Preserve. Dive deep into the earth and explore geologic time, how rocks form, and what makes the stones here so special.	2nd	45 minutes

**All programs are adaptable to meet different grade levels, classroom needs, and to fit available times.**



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### In-Person Interpretive Program Descriptions

In-Person Program	Grade	Duration
<p><b>Hazel-Atlas Mine Tour</b> Explore an underground silica sand mine on this guided tour and learn the mining history and techniques that were used in the sand mines during the 1920s-1940s. <i>Program Fee: \$5.00 per person</i></p>	3rd & up 7+ years	1.5 hours
<p><b>Coal Mining History Tour</b> Hike through the townsite of Somersville to learn of the immigrants who carved a life from these hills. Then continue underground into the Coal Mine Experience, a replica 19th century coal mine, to discover how and why coal was critical to the young state of California. <i>Program Fee: \$3.00 per person</i></p>	3rd, 4th, & 5th 7+ years	2 hours
<p><b>Black Diamond Mining History Tour</b> Experience a day in the life of a coal miner and a sand miner. Discover how mining changed from the 1850 to 1945 on this tour through the Hazel-Atlas Mine and the Coal Mine Experience. <i>Program Fee: \$8.00 per person</i></p>	3rd & 4th 7+ years	2.5 hours
<p><b>Black Diamond Geology</b> Dive into the rocking world of geology as we walk through time investigating layers of sedimentary rock from underground in a mine! Discover different rock types as we search through waste rock piles and find out about fabulous fossils of the East Bay Area.</p>	2nd, 3rd, & 4th 7+ years	1.5 hours
<p><b>Chaparral Nature Trek</b> A nature walk with emphasis on the area's plants and animals and how they are adapted to this unique environment.</p>	3rd & up	2 hours
<p><b>Reptile Rendezvous</b> An up-close and personal visit with our resident gopher snake. Learn how snakes and other reptiles are adapted to their habitats.</p>	Kindergarten	1 hour
<p><b>Five Senses Walk</b> Discover the secrets of nature on a walk using your five senses.</p>	Preschool	1 hour
<p><b>Martinez Marsh Exploration, Martinez Regional Shoreline</b> Hike along the shoreline at Martinez to learn about marsh habitats in the San Francisco Bay area. We will explore the plants, animals, and history of this diverse community.</p>	2nd & up	2 hours
<p><b>All programs are adaptable to meet different grade levels, classroom needs, and to fit available times.</b></p>		