

Activities:	KEEP Goals:	Domains:	Themes:	Science Standards:	
				5 <sup>th</sup> Grade:	6 <sup>th</sup> Grade:
<b>Morro Bay:</b>					
• Mudflat Exploration & Animal Rotations	1, 2	C, A, P	E, A, C, H, D	2ac, 6ah	5abcde, 6b, 7h
• Salt Marsh Geology & Wildlife	1, 2	C	E, C, H	2efg	1abcdeg, 2d
• Belly Biology	1, 2	C, A, P	E, A	2c, 6ah	5abcde, 6b
• Morro Rock Formation & Erosion	1, 3	C	C, H, D	3ad & SS	1def, 2ad, 7g & SS
• Parts of an Estuary	1, 2	C	E, C	2c, 6af	7f
• Marine Mammal Viewing & Discussion	1, 2, 3	C, A	A, C, H, D	2c, 6f	5bcd, 6b, 7b
• Peregrine Falcon Viewing & DDT Story	1, 2, 3	C, A	A, C, H, D	2c, 6afg & SS	5bc, 6b, 7be & SS
• Raptor Viewing & Count	2	C, A	A, D	2c, 6ag	5bc, 7bc
• Plankton Sampling & Observations	1, 2	C, A	A, C	6af	7b
• Human Impact	1, 2, 3	C, A	H, D	SS	6abc & SS
<b>San Simeon Forest:</b>					
• Animal & Plant Observations	1, 2	C, A	E, A, C, H, D	2ac, 6a	5abcde, 6b, 7bh
• Professor Hike/ Solo Hike	1, 2	C, A, P	E, A, C, H, D	Varies	Varies
• Chumash Uses of Native Plants & Animals	1, 2, 3	C	H, D	6a & SS	6abc & SS
• Ecosystem Comparison	1, 2	C	E, A	3bcde	2abc, 4a, 5abcde
• Photosynthesis Lesson	1, 2	C	A, C	2acefg	4a, 5abe
• Vernal Pool Insect & Frog Collection	1, 2	C, A, P	E, A, C, H, D	6afh	5bcd, 7b
• Creative Writing	1, 2, 3	A	E, A, C, H, D	Varies & RLA	Varies & RLA
• Human Impact	1, 2, 3	C, A	H, D	SS	6abc & SS
<b>San Simeon Chumash Beach:</b>					
• Chumash Face Painting	2	C, A, P	H, D	SS & VPA	6c & SS & VPA
• Chumash Village Building	2	C, A, P	H, D	SS & VPA	6bc & SS & VPA
• Chumash Uses of Native Plants & Animals	1, 2, 3	C	H, D	6a & SS	6abc & SS
• Chumash Music/Dance Ceremony/Rainbow Story	3	C, A, P	H, D	SS, VPA & RLA	SS, VPA & RLA
• Animal Tracking	1, 2	C, A, P	E, A, C, H, D	6afh & SS	7be & SS
<b>Moonstone Tidepools:</b>					
• Tidepool Exploration & Animal Discussion	1, 2	C, A, P	E, A, C, H, D	2ac, 6afh	5abcde, 6b, 7bh
• Field Guide & Tidepool Map	1, 2	C, A, P	E, A, H, D	6ag, VPA & RLA	7cf, VPA & RLA
• Causes of the Tides	1, 2	C	E, A, C	3a, 5ab	4a
• Human Impact	1, 2, 3	C, A	H, D	SS	6abc & SS

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				<b>5<sup>th</sup> Grade:</b>	<b>6<sup>th</sup> Grade:</b>
<b>Moonstone Beach:</b>					
• Beach Exploration	1, 2	C, A, P	E, A, H, D	2ace, 3ad, 4b, 6a	2bc, 4a, 5abcde, 6b
• Kelp Lesson	1, 2, 3	C, P	E, A, C, H	2aefg, 6af	4a, 5acde, 6bc
• Rock Cycle Lesson	1, 2	C	E, C	6af	2abc, 6b, 7g
• Wave Lesson	1, 2	C	E, C, D	3a	2c
• Beach Hopper Lesson	1, 2	C, A	E, A	6fh	5abcde, 7be
• Driftwood & Current Lesson	1, 2	C	E, C, H	3a	4a
• Water Cycle Lesson	1, 2	C	E, C, H, D	3abc, 4b	2ab, 4a
• Creative Writing	1, 2, 3	A	E, A, C, H, D	Varies & RLA	Varies & RLA
• Human Impact	1, 2, 3	C, A	H, D	SS	6abc & SS
<b>Miscellaneous Hikes:</b>					
• Elephant Seal Hike	1, 2, 3	C, A, P	E, A, C, H, D	2abc, 6afgh	5bce, 6bc, 7bcef
• Monday Welcome Walk	1, 3	C, A, P	E, D	VPA	5abcde & VPA
• Friday Reflective Walk	1, 3	C, A, P	H, D	SS & RLA	6abc, SS & RLA
<b>Evening Programs:</b>					
• Eco Clue Game	1,	C, P	E, C		5abcd
• Night Hike & Astronomy Slideshow	1, 2	C, A, P	A, C, H	5abc	5cde
• Pit Food Chain Game	1	C, A, P	E, C	6a	4a, 5abcde
• Town Hall Meeting	3	C, A, P	H, D	SS & VPA	6abc, 7f, SS & VPA
• Advanced Astronomy & Telescope	1, 2	C, A, P	C, H	5abc, 6f	7bg
• Campfire (Singing & Storytelling)	1, 2, 3	C, A, P	E, A, C, H, D	Varies, SS, & VPA	Varies, SS, & VPA
<b>Campus Activities:</b>					
• Weather Report	1, 2	C, P	E, C	4abcd, 6fgh	4ae, 7bce
• Field Notebook	1, 2, 3	C, A	E, A, C, H, D	Varies, RLA & VPA	Varies, RLA & VPA
• Snake Handling	2	C, A, P	A, D	2ac	5cde
• Touch Tank & Aquariums	2	C, A, P	E, A, D	2ac	5cde
• Sherman Game	2	C	A, D	6acfh	7be
• Certificate Game	2	C	A, D	6acfh	7be
• Food Waste	1, 2, 3	C, A, P	H, D	6fg	6abc, 7bc
• Bulletin Boards	1, 3	C	E, A, C, H, D	Varies	Varies

## KEEP Cambria's Curriculum Guide to Lessons & Activities

### KEEP Goals:

- 1 = To foster the understanding that the natural environment functions according to a unique balance among the biological, physical, and human realms.
- 2 = To use the natural environment as a living laboratory to teach ecological concepts through experiential learning techniques and observations
- 3 = To understand the options available to humans so they may act to shape and control the effects of peoples' activities on the Earth's ecosystems and its finite resources.

### Learning Domains:

- C = Cognitive learning activities
- A = Affective learning activities
- P = Psychomotor learning activities

### Daily Themes:

- E = In every **ecosystem** you will discover connections between living and non-living things. (Monday)
- A = Every living things has unique **adaptations** to survive in their ecosystems. (Tuesday)
- C = All living things are part of a **cycle**...including you! (Wednesday)
- H = **Humans** impact nature in positive and negative ways. (Thursday)
- D = You can make a **difference!** (Friday)

### State Standards:

- 5<sup>th</sup> = Fifth grade standards from "Science Framework for California Public Schools"
- 6<sup>th</sup> = Sixth grade standards from "Science Framework for California Public Schools"
- VPA = Visual & Performing Art Standards also met by this activity
- SS = Social Studies Standards also met by this activity
- RLA = Reading & Language Arts Standards also met by this activity
- Varies = Standards change depending upon what the teacher chooses to focus upon.