

OUTDOOR RECREATION AND CONSERVATION

9-12

Applied Natural Science

Curriculum Standard: The student will be able to pass the Hunter Safety Test and exhibit skill target practice.

Performance Objective	Critical Attributes	Benchmarks/Assessment
<p>1. The student will be able to apply the basic Hunter Safety Rules in every day hunting experience.</p> <p>2. The student will be able to recognize the basic components of shotguns and rifles.</p> <p>3. The student will be able to demonstrate knowledge of different shells used in both rifles and shotguns.</p>	<p>A. Can the student list the 10 hunter safety commandments?</p> <p>A. Can the student list 3 basic gages of shotguns?</p> <p>A. Can the student distinguish between a shotgun and a rifle?</p>	<ul style="list-style-type: none"> • The student will be able to discuss the importance of basic hunting rules. • The student will make a mobile of different calibers of rifles. • The student will take an I.D. test on different shotgun and rifle shells.

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Curriculum Standard: The student will understand the skills and techniques involved in the basic outdoor activities of hiking, camping, and survival in the wilderness.

Performance Objective	Critical Attributes	Benchmarks/Assessment
<p>1. The student understands the basics of wilderness camping.</p> <p>2. The student understands the basics of wilderness hiking.</p> <p>3. The student will know the basics of survival in the wild.</p>	<p>A. Can the student list the steps needed to plan a successful camping trip?</p> <p>A. Can the student list the steps needed for a successful hike in the wilderness?</p> <p>A. Can the student list the dangers of the wilderness and how to prevent the preventable and deal with the unexpected?</p>	<ul style="list-style-type: none"> • The student will plan a camping trip. • The student will plan a hiking trip in the wilderness. • The student will develop a survival kit.

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Curriculum Standard: The student will be able to identify major California game species.

Performance Objective	Critical Attributes	Benchmarks/Assessment
<p>1. The student will be able to identify major game species native to California.</p>	<p>A. Can the student identify game?</p> <p>B. Can the student trace migration patterns?</p> <p>C. Can the student describe habitat and its effect on game?</p>	<ul style="list-style-type: none"> • The student will be able to identify major species of California game by site, tracks, and sounds. • The student will draw and describe major game habitats. • The student will relate the effects of man on habitat.

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Curriculum Standard: The student will be able to practice safe archery.

Performance Objective	Critical Attributes	Benchmarks/Assessment
<p>1. The student will be able to identify key pieces of archery equipment.</p> <p>2. The student will be able to operate a bow.</p>	<p>A. Can the student safely practice archery skills?</p> <p>A. Can the student use a bow?</p>	<ul style="list-style-type: none">• The student will list safe practices of archery.• The student will hit a target at 20 feet with an arrow using a bow.

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Curriculum Standard: The student will be able to perform basic taxidermy mount preservation skills and identify its place in our society.

Performance Objective	Critical Attributes	Benchmarks/Assessment
<ol style="list-style-type: none"> 1. The student will be able to list the types of mounts and preservation methods of game. 2. The student will be able to cite rationale for preserving game in this manner. 3. The student will be able to complete minor taxidermy work on game. 	<ol style="list-style-type: none"> A. Can the student cite reasons to preserve game? A. Can the student identify methods and materials for taxidermy work? A. Can the student perform taxidermy skills on small game? 	<ul style="list-style-type: none"> • The student will identify 20 tools and materials for use on game. • The student will perform minor taxidermy skills. • The student will list reasons to preserve game.

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***Curriculum Standard:* The student will investigate the different phenomena of fishing.**

Performance Objective	Critical Attributes	Benchmarks/Assessment
<p>1. The student will be able to apply the basic knowledge of pole making and fly fishing.</p> <p>2. The student will be able to identify the major fish species of California.</p> <p>3. The student will be able to recognize the major migration patterns of fish in California.</p>	<p>A. Can the student list steps involved in fly tying and pole making?</p> <p>A. Can the student list 5 major varieties of fish in California’s rivers?</p> <p>A. Can the student list 3 rivers fish might migrate up?</p>	<ul style="list-style-type: none"> • The student will make a fishing pole and tie a fly. • The student will discuss the difference between a steelhead and rainbow trout. • The student will be able to locate on a map, the major migration rivers in their community.