

Colorado Outdoor Recreational Leadership Course Scope and Sequence

| Course Name Exploration of Outdoor Recreation B | Exploration of Outdoor Recreation B | Course Details Course = 0.50 Carnegie Unit Credit | Middle School Level or Level 1 Course in the Outdoor Recreational Leadership Pathway. | |
|--|--|---|---|---|
| Course Description | This course focuses on exploring Outdoor Recreation through exploratory units that introduce concepts that can be further explored later on in other Outdoor Recreational Leadership Courses. | | | |
| Note: | This is a suggested scope and sequence for the course content. The content will work with any textbook or instructional resource. If locally adapted, make sure all essential knowledge and skills are covered. | | | |
| SCED Identification # | Schedule calculation based on 60% of a semester's instructional time. Scope and sequence allow for additional time for guest speakers, student presentations, field trips, remediation, or other content topics. | | | |
| All courses taught in an approved CTE program must include Essential Skills embedded into the course content. The Essential Skills Framework for this course can be found at https://www.cde.state.co.us/standardsandinstruction/essentialskills | | | | |
| <p>Complete Leave No Trace (LNT) intro unit and then at <u>least 4 other units</u></p> <p>Students should be roughly 1 to 4 weeks based on students' mastery and school schedules</p> | | | | |
| Unit Number, Title and Brief Description | CTE or Academic Standard Alignment | Competency / Performance Indicator | Outcome / Measurement | CTSO Integration |
| Unit 1: Leave No Trace | CTE Standard: Environmental Science and Natural Resources Academic Standard: NGSS - MS-ESS3: Earth and Human Activity | Students will demonstrate an understanding of LNT principles by creating and presenting a poster or multimedia presentation on one of the LNT principles. This presentation should include a definition of stewardship. | LNT presentation to the class on one of the LNT 7 principles using a rubric. Students should be able to define stewardship of the land. Students can also complete the LNT course: Learn Online: Leave No Trace 101 Course on the Int.org website | Have the CTSO run a booth at a career fair or local park to teach others about the importance of LNT in all outdoor environments. Have students present a game to teach LNT for a younger group organization |

| | | | | |
|--|---|---|--|--|
| <p>Unit 2: Basic Camping/Shelter Building</p> | <p>Academic Standards from CCNS Backpacking Out 1120 D. Discuss how to wisely select a campsite. K. Employ setting up camp and equipment.</p> | <p>Competency: Demonstrate knowledge of basic camping and shelter-building techniques.</p> <p>Performance Indicator: Successfully construct a basic shelter using natural materials found in the environment.</p> | <p>Outcome: Students will be able to apply principles of shelter construction in outdoor settings.</p> <p>Measurement: Students will demonstrate their understanding by building a shelter that can withstand weather conditions for a specified period, as assessed through observation and evaluation of the structure's stability and durability.</p> | <p>The CTSO can create and present a workshop for a youth organization on basic camping skills, for example: setting up a tent</p> |
| <p>Unit 3: Fire Science Welcome to fire science! This field explores the science behind wildfires, fire behavior, and management, the ecological roles of fire, and strategies for prevention and suppression.</p> | | <p>Students will demonstrate proficiency in understanding the principles of fire science, including the ecological roles of fire, fire behavior, and fire management strategies.</p> | <p>Students will be able to analyze and interpret fire behavior in various environments, apply principles of fire prevention and suppression, and develop strategies for mitigating fire-related hazards. This will be assessed through practical exercises, simulations, and written examinations.</p> | <p>Integrate career exploration activities into the fire science curriculum, highlighting potential career pathways in firefighting, emergency medical services, fire investigation, and public safety administration.</p> <p>CTSO can also create a multimedia presentation for younger students around fire safety and what to do in a fire or an emergency.</p> |
| <p>Unit 4: Outdoor Cooking Basics In this course, students will explore the art and science of cooking delicious meals in the great outdoors. We will focus on the techniques and methods of cooking outdoors in various settings. This course will also discuss how to cook for not only yourself but a group as well.</p> | | <p>Students will demonstrate proficiency in utilizing various outdoor cooking methods and techniques, including grilling, Dutch oven cooking, and open-fire cooking.</p> | <p>Students will be able to plan, prepare, and execute outdoor meals using different cooking methods, taking into account factors such as heat control, timing, and flavor enhancement.</p> <p>Assessments will include practical cooking exercises, taste tests, and evaluations of meal presentation and creativity.</p> | <p>Students can participate in CTSO activities such as outdoor cooking competitions, where they showcase their skills in menu planning, food preparation, and outdoor cooking techniques.</p> |
| <p>Unit 5: Rock Climbing - Beginner Level</p> | | | | |

| | | | | |
|---|--|--|--|--|
| Unit 6: Hiking | | | | |
| Unit 7: Intro to Water Sports | | | | |
| Unit 8: Team Building | | | | |
| Unit 9: AHA Heartsaver CPR and First Aid | <p>PHYSICAL EDUCATION High School, Standard 4. Prevention and Risk Management Prepared Graduates: 6. Apply personal safety knowledge and skills to prevent and treat injury. Grade Level Expectation: 2. Demonstrate knowledge of safety and emergency response procedures. Evidence Outcomes Students Can: a. Demonstrate knowledge in one or more of the following areas: basic first aid, CPR, lifeguard training, water safety instruction, basic water safety, and automated external defibrillators (AEDs)</p> | | | |

Example Semester Outline:

Weeks 1 to 3 - Unit 1: LNT Intro

Weeks 4 - Unit 2: Fire Science

Weeks 5 to 7 - Unit 3: Outdoor Cooking

Weeks 8 to 10 - Unit 4: Hiking

Week 11 - Spring Break

Weeks 12 to 13 - Unit 5: Rock Climbing

Weeks 14 to 18 - Unit 6: Intro to Water Sports

Week 19 - Finals