

Key for Lesson Descriptions

 Guided Hike	 Instructive	 Investigative	 Active	 Rainy Day Alternative	 Lead by Camp Staff Only
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Aquatic Education

<p>Aquatic Ecologist 6th-12th grades</p> <p>Students will take an in-depth analysis of the marsh and Lake Beulah. They will study the biotic and abiotic factors with chemical tests, specimen collection, and physical analysis.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Scientific Method - Chemical Water Testing - Aquatic invertebrate sampling & ID - Biotic and Abiotic Factors 	<p>Class Length: 2 Hours Max Class Size: 20 Students</p> <p> </p>
<p>Macroscopic Pondering 2nd – 8th Grades</p> <p>This class will allow the students to explore water quality of Lake Beulah by conducting a macro-invertebrate survey. They will work together in teams to collect and identify aquatic invertebrates and then learn how that can tell us about the water quality in Lake Beulah. Our facilitators interpret the findings to teach about succession, aquatic insects, amphibians, and food chains while illustrating the importance of water to all life on earth.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Difference between ponds and lakes - Aquatic invertebrate sampling & ID - Dichotomous Key Usage - Water Quality Definitions 	<p>Class Length: 1½ Hours Max Class Size: 20 Students</p> <p> </p>
<p>Water Works Kindergarten – 8th Grades</p> <p>Students will have a chance to learn about the interconnected web of the water cycle as they follow the path of water. They will explore concepts of watersheds as well as the impact humans have on the water around us and how it affects us as well.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - What is the water cycle and where can you find water. - Types, shapes, and functions of watersheds. - Impact of humans in the watershed. - Ways of water conservation. 	<p>Class Length: 1 Hour Max Class Size: 30 Students</p> <p>  </p>
<p>Wetland Wonders All Grades</p> <p>Travel across our boardwalk in this guided tour of our marsh. Through a variety of activities, students will learn about the plants and animals that call the marsh their home, how they interact with each other, and the benefits of wetlands for humans and the ecosystem.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Identification of plants and animals - Interconnectedness of the marsh - Succession in aquatic ecosystems - Invasive species (impact and removal) - Benefits of wetlands to humans 	<p>Class Length: 1½ Hours Max Class Size: 20 Students</p> <p> </p>

Land and Forest Classes

<p>Pines and Prairies 3rd – 8th Grades</p> <p>Investigate two important ecosystems here at camp and learn how the plants and animals that live there make them unique.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Identification of local plants - Predators and Prey Relationships - Animal and Plant Adaptations - 	<p>Class Length: 1½ Hours Max Class Size: 20 Students</p> <p>   </p>
<p>Tree Talk Kindergarten – 5th Grades</p> <p>Come and meet some trees! This class will cover the structure, function, and importance of trees. Students will also identify native trees using dichotomous keys and field guides.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Basic structure of trees - Identification of native trees - Invasive species and their impacts - Dichotomous key use 	<p>Class Length: 1 Hour Max Class Size: 20 Students</p> <p> </p>
<p>Soil Investigations Kindergarten – 8th Grades</p> <p>Don't call it dirt. Dive into the complexity of what makes up the ground beneath our feet in this class.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Soil composition and characteristics - Soil horizon layers - Importance of soil to human beings - Hands on soil testing 	<p>Class Length: 1½ Hours Max Class Size: 20 Students</p> <p>  </p>

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Wildlife Classes

<p>All About Wolves Kindergarten – 8th Grades</p> <p>Students will learn about the history of this controversial animal. They will use folklore, natural history, games, and hands on activities. This class is a great introduction to the Alpha Wolf program.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Ecological importance of wolves - Wolf history - Predator / prey relationships - Canid Identification 	<p>Class Length: 1½ Hours Max Class Size: Any</p> <p> </p>
<p>Birds, Birds, Birds Kindergarten – 6th Grades</p> <p>This class covers the Class Aves (Birds). Students will have the chance to interact with many bird specimens and learn about local birds.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Behavioral and Physiological Adaptations - Local Bird Identification 	<p>Class Length: 1 – 2 Hours Max Class Size: 20 Students</p> <p> </p>
<p>Eco-Connections Kindergarten – 8th Grades</p> <p>Ecosystems are made of complicated interactions between many different biotic and abiotic factors. This class will cover concepts of the interconnectedness of the ecosystems</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Predator and Prey Relationships - Food Chains and Webs - Transmission of energy - Human Impacts on the Ecosystem - Carrying Capacity / Limiting Factors 	<p>Class Length: 1½ Hours Max Class Size: 30 Students</p> <p> </p>
<p>Life in Cold Blood Kindergarten – 8th Grades</p> <p>After a discussion about cold-blooded and warm-blooded animals, students will then learn about different reptiles and amphibians. Students are shown how to properly handle the various live specimens and then they will then have an opportunity to hold, touch or view each animal depending on the students comfort level.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Reptile and Amphibian Taxonomy - Animal Adaptations - Proper Handling of Animals - Warm vs Cold Blooded Animals 	<p>Class Length: 1 – 1½ Hours Max Class Size: 20 Students</p> <p>  </p>
<p>On the Right Track Kindergarten – 4th Grades</p> <p>Explore the outdoors and sharpen your students’ skills of observation as they travel throughout Camp Edwards. Students will learn how to identify the animals through their tracks and other natural evidence.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Nature observation - Basic requirements for living things - Observe and record signs of animal life in natural habitats - Interpret animal signs found 	<p>Class Length: 1½ Hours Max Class Size: 20 Students</p> <p> </p>
<p>Predator / Prey 3rd – 12th Grades</p> <p>Students will take on the roles of various animals in a food web; they will embark on a journey to find food and water while trying to evade their predators. This high energy, active, outside simulation helps shed light on the predator and prey relationships found in nature.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Predator and Prey Relationships - Requirements of Life - Animal Adaptations - Mutualism, commensalism, competition, and parasitism. 	<p>Class Length: 1½ – 2 Hours Max Class Size: 50 Students Min Class Size: 20 Students</p> <p></p>
<p>Save our Species (S.O.S.) 4th – 12th Grades</p> <p>It may not look like it but many of our native Wisconsin species are under attack. During this class, students will see the consequences of human-driven species relocation. This class focusses on a variety of resident invasive species, the impacts that they have to the ecosystem, and how to get rid of them.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Human impacts on the ecosystem - Natural changes vs unnatural changes - Adaptations / Natural selection - Biodiversity vs. Monoculture 	<p>Class Length: 90 Min. Max Class Size: 20 Students</p> <p> </p>

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History Classes

Living History	Kindergarten – 8 th Grades	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Early history of native populations - Early explorers, traders, and settlers - Mining, lumber and agriculture importance 	Class Length: 1½ Hours Max Class Size: 20 Students   
Native American Life	Kindergarten – 8 th Grades	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Introduction to a different culture - Dispelling common stereotypes - Demonstrating skills and activities that are a part of Native cultures 	Class Length: 1½ Hours Max Class Size: 20 Students   
Pioneer Past Times	Kindergarten – 8 th Grades	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Customs and lifestyle of early European settlers in the Midwest - Create pioneer crafts and play pioneer games. 	Class Length: 1½ Hours Max Class Size: 20 Students   

Outdoor Adventure Classes

Archery	3 rd – 12 th Grades	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Archery skills - Archery safety 	Class Length: 1 Hour Max Class Size: 20 Students  
Canoeing	3 rd – 12 th Grades	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Safe canoeing practices - Basic canoe structure and operation <p style="text-align: center;"><i>Only available April – October</i></p>	Class Length: 1 Hour Max Class Size: 20 Students    
Compass Frisbee Golf	3 rd – 12 th Grades	<u>Key Concepts:</u> <ul style="list-style-type: none"> - How to use a bearing compass and use it to find directions 	Class Length: 1 Hour Max Class Size: 20 Students   
Fire Quest	3 rd – 12 th Grades	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Identify and demonstrate fire safety - Three needs of fire: O₂, fuel, & heat - Build and light a fire 	Class Length: 1 Hour Max Class Size: 20 Students  
Give Me Shelter	3 rd – 12 th Grades	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Importance of shelters to humans - Dimensions, materials, and weather considerations for a survival shelter - Teambuilding 	Class Length: 1 Hour Max Class Size: 20 Students  
Orienteering	4 th – 12 th Grades	<u>Key Concepts:</u> <ul style="list-style-type: none"> - How to use a bearing compass and use it to find directions 	Class Length: 1 - 2 Hours Max Class Size: 20 Students  
Wilderness Survival	3 rd – 12 th Grades	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Basic needs for survival - Practice survival skills - Preparedness - Teamwork 	Class Length: 1 - 4 Hours Lunch Option: Cookout Lunch Max Class Size: 20 Students  

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Teambuilding Classes

<p>Climbing Wall+ 3rd Grade and Older</p> <p>Our climbing wall is designed to provide a secure environment for the students to challenge themselves both emotionally and physically.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Making and meeting personal goals - Dealing with physical and emotional challenges 	<p>Class Length: 1 - 2 Hours Max Class Size: 20 Students</p> <p> </p>
<p>Communication Breakdown 3rd Grade and Older</p> <p>This activity encourages and requires students to work together as a team to accomplish the communication goal.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Elements of clear communication - Barriers in communication and how to overcome them 	<p>Class Length: 1½ Hours Max Class Size: 30 Students</p> <p> </p>
<p>Cooperative Group Games All Ages</p> <p>Students participate in a variety of exciting activities that promote teamwork and will encourage them to look at problems in new ways.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Practice communication and cooperation skills - Reflect on, discuss, and evaluate the group dynamics of the team 	<p>Class Length: 1 - 2 Hours Max Class Size: 20 Students</p> <p> </p>
<p>Group Initiatives 3rd Grade and Older</p> <p>During this program, students are presented with a series of challenges. After each challenge, the group debriefs what they did well as a team and where they could use improvement. They take a close look at what makes a team succeed. For safety reasons, an adult from the group is required to be present for this class.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Reflect on, discuss, and evaluate elements of team building - Social Emotional Learning 	<p>Class Length: 1-3 Hours Max Class Size: 20 Students</p> <p></p>
<p>High Ropes+ 5th Grade and Older</p> <p>This class focusses on the mental and physical personal challenges that the high ropes course offers. The course is 35 feet above the ground, features 4 exciting elements and a 400-foot zip line.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Personal growth by facing challenges - Challenge by Choice - Goal setting - Building confidence 	<p>Class Length: 2-3 Hours Max Class Size: 20 People</p> <p> </p> <p style="text-align: center;">\$10 extra fee for class</p>
<p>Low Ropes 3rd Grade and Older</p> <p>Students will participate in one of our 9-element low ropes courses. These obstacles are designed to promote strong group dynamics that include every group member.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Communication between team members - Developing trust in a team - Building confidence 	<p>Class Length: 1-2 Hours Max Class Size: 15 Students</p> <p></p>
<p>Zip Line+ 4th Grade and Older</p> <p>Students will have the opportunity to participate in our 400-foot zip line. They are outfitted with all appropriate safety gear and then will climb 30 feet to the top of the zip line to start.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Personal growth by facing challenges - Challenge by Choice - Building confidence 	<p>Class Length: 1 Hour Max Class Size: 30 Students</p> <p> </p> <p style="text-align: center;">\$5 extra fee for class</p>

* In order to run any high adventure classes the Temperature needs to be above 40° Fahrenheit with minimal wind and precipitation

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Seasonal Classes

<p>Maple Syruping Kindergarten – 12th Grades</p> <p>Learn about maple syrup from tree to table. Students will explore camp, tap a maple tree, collect sap and even have a taste test.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Historical maple syrup production - Tree identification - Tree structure and function 	<p>Class Length: 1½ Hours Max Class Size: 20 Students Seasons: March–Early April</p> <p style="text-align: center;">  </p>
<p>Winter Critters Kindergarten – 3rd Grades</p> <p>Students will learn how animals adapt to winter conditions here in Wisconsin. Take a romp in the snow and experience what winter has to offer.</p>	<p><u>Key Concepts:</u></p> <ul style="list-style-type: none"> - Animal and plant winter adaptations - Track identification - Fun in the snow 	<p>Class Length: 1½ Hours Max Class Size: 20 Students Seasons: December–February</p> <p style="text-align: center;"> </p>