

Key for Lesson Descriptions

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

Aquatic Ecologist	6 th -12 th grades	Key Concepts: <ul style="list-style-type: none"> - Scientific Method - Chemical Water Testing - Aquatic invertebrate sampling & ID - Biotic and Abiotic Factors 	Class Length: 2 Hours Max Class Size: 20 Students  
Pond Mucking	2 nd – 8 th Grades	Key Concepts: <ul style="list-style-type: none"> - Difference between ponds and lakes - Aquatic invertebrate sampling & ID - Dichotomous Key Usage - Water Quality Definitions 	Class Length: 1-1½ Hours Max Class Size: 20 Students  
Water Works	Kindergarten – 8 th Grades	Key Concepts: <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. 	Class Length: 1 Hour Max Class Size: 30 Students   
Wetland Wonders	All Grades	Key Concepts: <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 	Class Length: 1-1½ Hours Max Class Size: 20 Students  

Land and Forest Classes

Prairie Promenade	3 rd – 8 th Grades	Key Concepts: <ul style="list-style-type: none"> - Identification of local plants - Predators and Prey Relationships - Animal and Plant Adaptations - Wildfire education 	Class Length: 1 Hour Max Class Size: 20 Students    
Forestry	3 rd – 8 th Grades	Key Concepts: <ul style="list-style-type: none"> - Identification of native trees - Invasive species and their impacts - Dichotomous key use - Forestry Management - Mathematics 	Class Length: 1 – 1½ Hours Max Class Size: 20 Students   
Soil Investigations	Kindergarten – 8 th Grades	Key Concepts: <ul style="list-style-type: none"> - Soil composition and characteristics - Soil horizon layers - Importance of soil to human beings - Hands on soil testing 	Class Length: 1½ Hours Max Class Size: 20 Students   

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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: 1-1½ 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 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: 1-1½ 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: 1-1½ Hours Max Class Size: 20 Students</p> <p> </p>

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History Classes

Voyagers	Kindergarten – 8 th Grades	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Early history of voyagers & explorers to the Great Lakes area - Fur trade importance 	Class Length: 30-60 minutes 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: 30-60 minutes Max Class Size: 20 Students   
Pioneers	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: 30-60 minutes 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;">Only available April – October</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: 1-4 Hour Lunch Option: Cookout Lunch 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 - 2 Hours Max Class Size: 20 Students  

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Teambuilding Classes

Climbing Wall⁺	3 rd Grade and Older	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Making and meeting personal goals - Dealing with physical and emotional challenges 	Class Length: 1-2 Hours Max Class Size: 20 Students  
Communication Breakdown	3 rd Grade and Older	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Elements of clear communication - Barriers in communication and how to overcome them 	Class Length: 1½ Hours Max Class Size: 30 Students  
Cooperative Group Games	All Ages	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Practice communication and cooperation skills - Reflect on, discuss, and evaluate the group dynamics of the team 	Class Length: 1-2 Hours Max Class Size: 20 Students  
Group Initiatives	3 rd Grade and Older	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Reflect on, discuss, and evaluate elements of team building - Social Emotional Learning 	Class Length: 1-3 Hours Max Class Size: 20 Students 
High Ropes⁺	5 th Grade and Older	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Personal growth by facing challenges - Challenge by Choice - Goal setting - Building confidence 	Class Length: 2-3 Hours Max Class Size: 20 people   \$10 extra fee per person
Low Ropes	3 rd Grade and Older	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Communication between team members - Developing trust in a team - Building confidence 	Class Length: 1-2 Hours Max Class Size: 15 people 
Zip Line⁺	4 th Grade and Older	<u>Key Concepts:</u> <ul style="list-style-type: none"> - Personal growth by facing challenges - Challenge by Choice - Building confidence 	Class Length: 1-1½ Hours Max Class Size: 30 people   \$5 extra fee per person

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

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Night Hike

3rd – 12th Grades

This activity is designed to get students feeling comfortable in the wilderness at night. They will learn about night vision, nocturnal animal adaptations and more through a series of exciting activities, all the while gaining confidence in exploring the woods without a flashlight.

Program Length: 1 - 1½ Hours

Max Class Size: 20 per group

Owl Prowl

3rd – 12th Grades

Perhaps one of the most fascinating birds of prey is the owl. This course offers students a lesson in ornithology, the study of birds, as it pertains to owls. Participants in this class will learn about this amazing raptor through discussion, visual displays, specimens, and activities.

Program Length: 1 Hour

Max Class Size: Any