

# 6th-8th Field Trips

## Field Trips (10-60 students)

### 2 & 2.5 Hour Options

#### Flow of Energy

Students will learn about how energy flows through an ecosystem and how they change over time.

#### Field Studies

Students will observe, identify, and classify various animals and plants as we hike the wetlands.

### 2.5 Hour Options

#### Weather Alert!

Students will learn about weather patterns through the use of tree rings.

#### Aquatic Studies

Students will carry out a study on water quality with aquatic macroinvertebrates and use microscopes to get further analysis of adaptations.

#### Animal Rescue

Students will help Oxbow "rescue" animals using telemetry models and will explore technology helps wildlife.

#### Lego WeDo Metamorphosis

Students will reptiles and amphibians, build a frog with Legos, and code it to move.

#### Teambuilding

Students will participate in activities designed to promote cooperation, trust, collaboration, leadership, and communication.

## STEAM LAB (10-60 students)

### 2.5 Hour Options

#### Testing the Water

Students will learn to engineer a water filter then test the water quality.

#### Engineering Prosthetics

How do you help injured wildlife? Discover the different ways to help wildlife and design a prosthetic device.

#### Slippery Slope

Students will use augmented reality to study land forms and maps. They will build their own compass to navigate our map course.

## Destination Oxbow Meadows (10- 120 students):

### 2 Hour Options

- Flow of Energy
- Field Studies

### 2.5 Hour Options

- Flow of Energy
- Field Studies
- Aquatic Studies

