

# GRADE 8

## ASTRONOMY PLANETARIUM SHOW

**Where:** Kerry Wood Nature Centre or at your school

**When:** Year-round

**Duration:** 1–1.5 hours

**Cost:** \$110 per class for 1 hour programs, \$120 per class for 1.5 hour programs

**Maximum Number of Students:** 25 (1 class)

**Indoor/Outdoor:** Entirely inside

**Curriculum Connection:**

- Science
- English Language Arts
- Social Studies

**Description:** Explore the night sky during daylight hours with our mobile planetarium. Learn some easily recognizable constellations, as well as how to find the Big Dipper and the North Star. Watch as the stars move with the seasons, and listen to the myths behind the constellations.

## CELLULAR SURVIVOR PLANETARIUM SHOW

**Where:** Kerry Wood Nature Centre or at your school

**When:** Year-round

**Duration:** 1.5 hours

**Cost:** \$120 per class

**Maximum Number of Students:** 25 (1 class)

**Indoor/Outdoor:** Entirely inside

**Curriculum Connection:**

- Science Unit B Cells and Systems

**Description:** Step inside a biological cell with our unique, biology-themed planetarium show. After reviewing (or previewing) students' classroom knowledge of cells and organelles, we'll challenge your students in a fast-paced game of cellular survivor. Will your team's organelle adapt or atrophy?

## HISTORICAL SANCTUARY WALK

**Where:** Kerry Wood Nature Centre

**When:** Year-round

**Duration:** 1–1.5 hours

**Cost:** \$99 per class for 1 hour programs, \$110 per class for 1.5 hour programs

**Maximum Number of Students:** 100 (3 classes)

**Indoor/Outdoor:** Entirely outside, please dress for the weather and wear proper footwear

**Curriculum Connection:**

- Social Studies
- English Language Arts
- Physical Education

**Description:** We'll lead your students on a themed nature walk in the Gaetz Lakes Sanctuary. Suggested themes include:

- Early settlement of Central Alberta and establishment of the Sanctuary
- Stories and adventures from author Kerry Wood

## MIRRORS AND LENSES AND PUPILS, OH MY!

**Where:** Kerry Wood Nature Centre or at your school

**When:** Year-round

**Duration:** 1–1.5 hours

**Cost:** \$99 per class for 1 hour programs, \$110 per class for 1.5 hour programs

**Maximum Number of Students:** 70 (2 classes)

**Indoor/Outdoor:** Inside and outside, please dress for the weather

**Curriculum Connection:**

- Science Unit C Light and Optical Systems

**Description:** Explore the purpose and function of telescopes by getting up close and personal with our 12-inch reflecting telescope. Compare telescopes to the design of various animals' pupils and discuss the effects of light pollution on both animals and astronomy.

## NATURE DISCOVERY WALK

**Where:** Kerry Wood Nature Centre or at your school

**When:** Year-round

**Duration:** 1–1.5 hours

**Cost:** \$99 per class for 1 hour programs, \$110 per class for 1.5 hour programs

**Maximum Number of Students:** 100 (3 classes)

**Indoor/Outdoor:** Entirely outside, please dress for the weather and wear proper footwear

**Curriculum Connection:**

- Science
- Physical Education

**Description:** We'll lead your students on a themed nature walk in the Gaetz Lakes Sanctuary or in a natural area near your school. Suggested themes include:

- Animal tracking
- Homes and habitats of common Central Alberta animals
- Seasonal changes and seasonal adaptations of animals
- Camping/survival skills
- Weather observations
- Geological time and succession

## WHOOO... KNOWS OWLS?

**Where:** Kerry Wood Nature Centre or at your school

**When:** Year-round

**Duration:** 1.5 hours

**Cost:** \$130 per class

**Maximum Number of Students:** 30 (1 class)

**Indoor/Outdoor:** Entirely inside

**Curriculum Connection:**

- Science

**Description:** Discover the fascinating adaptations of owls and view local species close-up with our mounted specimens. Dissect real owl pellets, and learn about their food and hunting habits.

## SNOWSHOE ADVENTURE

**Where:** Kerry Wood Nature Centre

**When:** November–April, weather dependent  
(requires at least 2 inches of snow on the ground)

**Duration:** 1–1.5 hours

**Cost:** \$99 per class for 1 hour programs, \$110 per class for 1.5 hour programs

**Maximum Number of Students:** 35 (1 class)

**Indoor/Outdoor:** Entirely outside, please dress for the weather and wear proper footwear (boots with ankle support and no high heels)

**Curriculum Connection:**

- Science
- Social Studies
- Physical Education

**Description:** Learn the basics of snowshoeing with one of our trained interpreters. Once everyone is wearing their pair of snowshoes, we'll challenge you to a few activities that will put your snowshoe coordination to the test. Finish off with a guided snowshoe nature walk through the forest.

## EDIBLE PLANT WALK

**Where:** Kerry Wood Nature Centre or at your school

**When:** May–October

**Duration:** 1–1.5 hours

**Cost:** \$99 per class for 1 hour programs, \$110 per class for 1.5 hour programs

**Maximum Number of Students:** 70 (2 classes)

**Indoor/Outdoor:** Entirely outside, please dress for the weather and wear proper footwear

**Curriculum Connection:**

- Science
- Social Studies
- Physical Education

**Description:** There is a world of yummy treats right on our doorstep — if you know where to look! Your class will explore the plants that wildlife use for their daily survival, as well as a few basic species that are safe for us to eat, and how to identify them. (Note: due to mimicry and the potential for harm with misidentification, information about wild mushrooms is not included in this talk.)

## POND STUDY

**Where:** McKenzie Trails Recreation Area or at your school if you have a wetland nearby (e.g. Bower Ponds)

**When:** April–September

**Duration:** 2 hours

**Cost:** \$130 per class

**Maximum Number of Students:** 100 (3 classes)

**Indoor/Outdoor:** Entirely outside, please dress for the weather and wear sturdy footwear that can get a little muddy (no flip flops)

**Curriculum Connection:**

- Science Unit E Freshwater and Saltwater Systems
- Physical Education

**Description:** Discover the dynamics of life in a wetland through pond dipping and an interactive food chain game. Compare and contrast this bountiful freshwater ecosystem with what students already know about saltwater systems.

## HISTORICAL DISCOVERY TOUR

**Where:** Fort Normandeau

**When:** May–October

**Duration:** 1–1.5 hours

**Cost:** \$99 per class for 1 hour programs, \$110 per class for 1.5 hour programs

**Maximum Number of Students:** 100 (3 classes)

**Indoor/Outdoor:** Mostly outside or in a building with no heat, please dress for the weather and wear proper footwear

**Curriculum Connection:**

- Social Studies

**Description:** Our interpreters will take your class back to the 1880s and introduce them to the key characters and settings of Red Deer's early years.