

# GRADE 7

## 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.

## BUILDING BLOCKS OF ROCKS

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

**When:** Year-round

**Duration:** 1.5 hours

**Cost:** \$110 per class

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

**Indoor/Outdoor:** Entirely inside

**Curriculum Connection:**

- Science Unit E Planet Earth

**Description:** Jump into geology with our hands-on introduction to minerals and rocks. Review key concepts from the rock cycle, then scientifically observe and analyze the similarities and differences between minerals with our class-size set of samples.

## ECOSYSTEMS IN CENTRAL ALBERTA WALK

**Where:** Kerry Wood Nature Centre or McKenzie Trails Recreation Area or Maskepetoon Park or at your school if you have a biologically diverse ecosystem nearby (such as a forest or wetland)

**When:** Year-round

**Duration:** 2 hours

**Cost:** \$120 per class

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

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

### Curriculum Connection:

- Science Unit A Interactions and Ecosystems
- Physical Education

**Description:** With a trained interpreter as your guide, examine some of the key ecosystems present in Central Alberta, including coniferous forest, deciduous forest, and wetland. Discuss the roles each ecosystem plays for our local wildlife, and the ecosystem services society gets as benefits.

## 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

## 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.

## TREES AND FORESTS

**Where:** Kerry Wood Nature Centre

**When:** April–October

**Duration:** 2 hours

**Cost:** \$120 per class

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

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

**Curriculum Connection:**

- Science Unit B Plants for Food and Fibre

**Description:** Games and hands-on activities teach plant identification, tree growth patterns, and tree and forest characteristics.

## 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.)

## HISTORICAL DISCOVERY TOUR

**Where:** Fort Normandeu

**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.