

# OUTDOORS IN GRADE 4-6 PROGRAMS

## Nature Field Guide to your Schoolyard

Create a nature guide to help your students discover, observe and record nature right in your own schoolyard, nearby City Park or greenspace. The goal is to provide you with the definitive resource for place-based and project based environmental education. I will get your class started on this engaging project and then it's up to you and your students to get outside and visit your "place" to continue your observation and data collection. This is an excellent project that gets your students outside! It can continue throughout the school year, covers Cross Curricular Competencies and uses all 7 learning intelligences and un-wraps the eighth....*the Naturalist Intelligence*. I recommend a 2 hour to ½ day program to launch this project with your class. I can return for a visit 2-3 more times to help with your project if your budget permits.

Please inquire for cost.



## Wetland Ecosystems

This is the perfect program to introduce your students to this diverse system. Once seen as curse to early farmers they are now recognized as vital indicators of the planet's health. Through interactive activities your students will learn the common types of wetlands, their importance and the plants and creatures that inhabit them.

We will also do a water filter demonstration and your students will get to "pond dip" some live aquatic insects!

(Insects available in spring and fall only)

### Curriculum connection:

Grade 5 Wetland Ecosystems



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### H2Ohh! Water is Precious

What is abundant and rare at the same time? Water! Your students will do some interactive activities that will leave them with a clearer understanding of why that saying is true. A very concrete and interactive program.

#### Curriculum connection:

Grade 5 Precious Water  
(Integrated theme)



### Air and Aerodynamics

By studying bird aerodynamics, humans developed the first aircraft. We will study a variety of adaptations that make flight possible for birds by studying wing shapes of some common birds of the Calgary area and compare to aircraft of the present. Your students will discover who was Bernoulli and his principle on lift and create a few interactive demonstrations of this principle.

#### Curriculum Connections:

Grade 6 Air and Aerodynamics

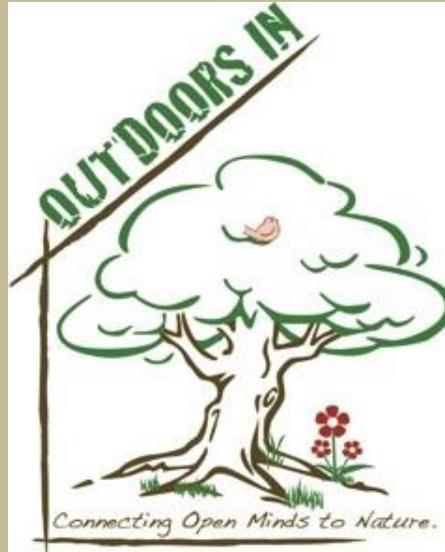
### Guided Walks

Your students will thrive in the outdoors! The program can be designed for your individual class to fit the unit of study and maximize outdoor nature experience. Learn the history and the natural heritage of any of the beautiful parks the City has waiting for you to discover! You are responsible for your own transportation to the park. Available in all seasons. A ½ day is best.

Trees and Forests Your students will “unearth” the importance of these large plants to our world. We will examine some local species and recognize the characteristics of these different trees. Your students will also learn about a broad range of living things found in the forest levels. Environmental issues and awareness of the need for responsible use will also be touched upon. This program is best done outside on a nature walk in a local park or your schoolyard to immerse them and create a “*sense of place.*”

#### Curriculum connections: Grade 6

Trees and Forests and  
Evidence and Investigation



*“Judy is a knowledgeable environmental educator. She has engaging and interesting activities for the students. I like that she is able to take us on field trips in our neighbourhood and show us what is already there in a new way.”*

St. Philip Fine Arts School Calgary

**Outdoors In will come to your school for all the programs listed above**

**No need to book a bus**

**Each program is one hour \$100.00 unless specified differently**

**Maximum number of children is 30**

**Contact Judy at 403-690-7692**

**[outdoorsin@telus.net](mailto:outdoorsin@telus.net)**

**[www.outdoorsin.ca](http://www.outdoorsin.ca)**