## WALKING

# SWINNING

# FLYING Contraction of the second seco



A three-part workshop series about ancient animals of the **land**, **sea** and **air**.

## **PROGRAM DESCRIPTION**

## Introduction

This unique (Walking, Swimming, and Flying) educational program is a hands-on participatory exploration of real fossils from various parts of the world. Through questions, conversation, use of props and an engaging narrative, participants learn about fossils from an expert.

Each workshop is presented in three sessions related to walking, swimming and flying – each session examining three different fossils. Participants are encouraged to ask questions and openly discuss quandaries as posed to them by the facilitator. Through this interactive method, participants will discover interesting facts about each fossil and explore concepts like deep time, geology and extinct animals such as dinosaurs.

This narrative structure encourages active participation from individuals and the group throughout the workshop.

## Workshop narrative (for each fossil)

1. CREATE INTEREST

A curious-looking fossil is handed to the first participant and they are asked "what is this?". They are presented with a placard with three answers. Participant examines the object and gives their response.

#### 2. EXAMINE (REAL) FOSSILS

The fossil is passed around to each participant and each gives their reply in an open forum where they can briefly explain their reasoning or others can change their mind.

3. REVEAL ANSWERS

Participant reveals the answer in a suspenseful way by reaching into a box or covering their eyes, revealing a figurine or facsimile (usually an animal) to all.

#### 4. PRESENT FACTS BEYOND THE ANSWER

Facilitator explains how the curious-looking fossil belonged to the answer object and why it wasn't the others. He then proceeds to show more interesting facts using placards about the fossil's original owner (e.g. whales used to talk on land) in a structured conversation with the participants.

#### 5. MORE FOSSILS

The process repeats with two more objects per session (three objects per session and nine in total).

## **PROGRAM DESCRIPTION**

## Walking curriculum specimens



Mastodon tooth



Dinosaur footprint



Mammoth tooth

## Swimming curriculum specimens



Megalodon tooth



Whale inner ear bone



Spinosaurus tooth

## Flying curriculum specimens



Muonionlusta meteorite



Blyth's Horseshoe Bat skull



Peacock feather

## **WORKSHOP DETAILS**

## Particulars

The series is broken into three onehour segments requiring a table large enough to accommodate the number of participants. Very large groups can be accommodated with multiple tables in a large room.

Anybody over the age of four can participate. Persons under the age of 12 require the parent or guardian supervision.

The workshops are not designed for those with disabilities, but can be adapted for them in some cases.

### Series outcomes

- Knowledge of specific extinct animal groups, deep time, geology, astronomy, palaeontology, dinosaurs, fossilization, evolution, extinction and related topics.
- 2. The opportunity to examine real fossils by hand.
- 3. Entertainment.
- 4. Inspire motivation for continued learning in above areas.

## Cost

The series is \$680 plus HST or \$240 plus HST per individual session.

