



## **“School Programs” and the Manitoba Science Curriculum Grades 4 to Senior 4**

Each *School Program* is conducted at a level for that grade. The tour includes and/or demonstrates the key concepts listed below for each grade. The information below pertains to the K-Senior 2 Science Specific Learning Outcomes.

### **Grade 4**

#### **1) Habitats and Communities**

(4-1-01; 4-1-02; 4-1-04; 4-1-10; 4-1-11; 4-1-14)

Key Concepts: habitats, physical adaptation, communities, food chain, food web, organisms, producers, consumers, herbivores, omnivores, carnivores, predators, prey, scavenger and extinction.

#### **2) Rocks, Minerals and Erosion**

(4-4-01; 4-4-02; 4-4-03; 4-4-05; 4-4-08; 4-4-09; 4-4-10; 4-4-14)

Key Concepts: rocks, minerals, characteristics, properties, scratch test, streak test, igneous rocks, sedimentary rocks, metamorphic rocks, fossils, organisms, extinct and classification of rocks.

### **Grade 6**

#### **1) Diversity of Living Things**

(6-1-01; 6-1-06; 6-1-07; 6-1-09; 6-1-13; 6-1-14; 6-1-15)

Key Concepts: classification systems, paleontologist, kingdoms, vertebrates and invertebrates.

### **Grade 7**

#### **1) Earth's Crust**

(7-4-01; 7-4-03; 7-4-04; 7-4-05; 7-4-12; 7-4-13)

Key Concepts: weathering process, biological, physical and chemical, erosion, rock cycle, continental drift theory and theory of plate tectonics.

### **Senior 4: Biology 40S**

(Based on the Biology 40S Transitional Curriculum 1998)

Key Concepts: fossils, dating techniques, extinction, evolution, origin of life Darwin's theory, acquired characteristics and adaptation