

## **Kindergarten**

### **BIG IDEAS**

- Plants and animals have observable features

### **CURRICULAR COMPETENCIES**

- Demonstrate curiosity and sense of wonder about the world
- Ask simple questions about familiar objects and events
- Make exploratory observations using their senses
- Experience and interpret the local environment
- Discuss observations
- Share observations and ideas orally

### **CONTENT**

- Adaptations of local plants and animals
  - Living things make changes to accommodate daily and seasonal cycles
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## **Grade 1**

### **BIG IDEAS**

- Living things have features and behaviors that help them survive in their environment

### **CURRICULAR COMPETENCIES**

- Demonstrate curiosity and sense of wonder about the world
- Ask questions about familiar objects and event
- Make and record observations
- Experience and interpret the local environment
- Discuss observations
- Compare observations with those of others
- Transfer and apply learning to new situations

### **CONTENT**

- Names of local plants and animals
  - Structural features of living things in the environment
  - Behavioral adaptations of animals in the local environment
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## **Grade 2**

### **CURRICULAR COMPETENCIES**

- Demonstrate curiosity and sense of wonder about the world
- Experience and interpret the local environment
- Compare observations with those of others
- Transfer and apply learning to new situations

# Self-guided Program: Adaptation Exploration Science Curriculum Connections (Gr. K-4)



Vancouver  
Botanical  
Gardens  
Association

## **Grade 3**

### **BIG IDEAS**

- Living things are diverse, can be grouped, and interact in their ecosystems

### **CURRICULAR COMPETENCY**

- Demonstrate curiosity and sense of wonder about the world
- Ask questions about familiar objects and events
- Make observations about living and non-living things in the local environment
- Collect simple data
- Experience and interpret the local environment
- Discuss observations
- Compare observations with those of others
- Transfer and apply learning to new situations

### **CONTENT**

- Biodiversity in the local environment
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## **Grade 4**

### **CURRICULAR COMPETENCY**

- Demonstrate curiosity and sense of wonder about the world
- Ask questions about familiar objects and events
- Make predictions based on prior knowledge
- Make observations about living and non-living things in the local environment
- Collect simple data
- Experience and interpret the local environment
- Compare results with predictions
- Represent and communicate ideas and findings in a variety of ways

### **CONTENT**

- Plants and animals sense and respond to their environment