

POND PEEKING

Kindergarten

SCIENCE BIG IDEAS

Plants and animals have observable features.

Learning Standards

Curricular Competencies	Content
<p>Questioning and predicting</p> <ul style="list-style-type: none">• Demonstrate curiosity and a sense of wonder about the world• Observe objects and events in familiar contexts• Ask simple questions about familiar objects and events <p>Planning and conducting</p> <ul style="list-style-type: none">• Make exploratory observations using their senses• Safely manipulate materials <p>Processing and analyzing data and information</p> <ul style="list-style-type: none">• Experience and interpret the local environment• Discuss observations <p>Communicating</p> <ul style="list-style-type: none">• Share observations and ideas orally	<ul style="list-style-type: none">• basic needs of plants and animals• adaptations of local plants and animals

POND PEEKING

Grade 1

SCIENCE BIG IDEA

Living things have features and behaviours that help them survive in their environment.

Learning Standards

Curricular Competencies	Content
<p>Questioning and predicting</p> <ul style="list-style-type: none">• Demonstrate curiosity and a sense of wonder about the world• Observe objects and events in familiar contexts• Ask questions about familiar objects and events• Make simple predictions about familiar objects and events <p>Processing and analyzing data and information</p> <ul style="list-style-type: none">• Experience and interpret the local environment• Sort and classify data and information using drawings, pictographs and provided tables• Identify simple patterns and connections <p>Evaluating</p> <ul style="list-style-type: none">• Compare observations with those of others• Consider some environmental consequences of their actions <p>Communicating</p> <ul style="list-style-type: none">• Communicate observations and ideas using oral or written language, drawing, or role-play	<ul style="list-style-type: none">• classification of living and non-living things• names of local plants and animals• structural features of living things in the local environment• behavioural adaptations of animals in the local environment

POND PEEKING

Grade 2

SCIENCE BIG IDEA

Living things have life cycles adapted to their environment.

Learning Standards

Curricular Competencies	Content
<p>Questioning and predicting</p> <ul style="list-style-type: none">• Demonstrate curiosity and a sense of wonder about the world• Observe objects and events in familiar contexts• Ask questions about familiar objects and events• Make simple predictions about familiar objects and events <p>Processing and analyzing data and information</p> <ul style="list-style-type: none">• Experience and interpret the local environment• Sort and classify data and information using drawings, pictographs and provided tables• Identify simple patterns and connections <p>Evaluating</p> <ul style="list-style-type: none">• Compare observations with those of others• Consider some environmental consequences of their actions <p>Communicating</p> <ul style="list-style-type: none">• Communicate observations and ideas using oral or written language, drawing, or role-play	<ul style="list-style-type: none">• metamorphic and non-metamorphic life cycles of different organisms• similarities and differences between offspring and parent

POND PEEKING

Grade 3

SCIENCE BIG IDEA

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

Learning Standards

Curricular Competencies	Content
<p>Questioning and predicting</p> <ul style="list-style-type: none">• Demonstrate curiosity and a sense of wonder about the world• Observe objects and events in familiar contexts <p>Planning and conducting</p> <ul style="list-style-type: none">• Make observations about living and non-living things in the local environment <p>Processing and analyzing data and information</p> <ul style="list-style-type: none">• Experience and interpret the local environment• Sort and classify data and information using drawings or provided tables <p>Evaluating</p> <ul style="list-style-type: none">• Identify some simple environmental implications of their and others' actions•	<ul style="list-style-type: none">• biodiversity in the local environment

POND PEEKING

Grade 4

SCIENCE BIG IDEA

All living things sense and respond to their environment.

Learning Standards

Curricular Competencies	Content
<p>Questioning and predicting</p> <ul style="list-style-type: none">• Demonstrate curiosity about the natural world• Observe objects and events in familiar contexts <p>Planning and conducting</p> <ul style="list-style-type: none">• Make observations about living and non-living things in the local environment <p>Processing and analyzing data and information</p> <ul style="list-style-type: none">• Experience and interpret the local environment <p>Evaluating</p> <ul style="list-style-type: none">• Identify some simple environmental implications of their and others' actions	<ul style="list-style-type: none">• sensing and responding:<ul style="list-style-type: none">– other animals