

WILD MIND

Field trips that connect heads, hands, and hearts to the urban wild

Help your students explore their interconnections with our urban ecology through art and science! Each field trip starts with a habitat scavenger hunt, challenging students to re-imagine our city as a biodiverse ecosystem for a variety of species, including our own. For the core activity, teachers select one of the following lessons. Each EYA field trip supports Big Ideas in the new BC Curriculum. Some concepts are addressed directly during the field trip (direct links). Others can be linked to the field trip experience by the teacher (indirect links).

BEE AN ARTIST (K-3)

WHY ARE BEES IMPORTANT? EXPLORE NATIVE BEE DIVERSITY, ANATOMY, AND ECOLOGICAL IMPORTANCE THROUGH A HANDS-ON ART PROJECT USING NATURAL MATERIALS COLLECTED IN THE GARDEN. AS THEY CREATE THEIR BEE ORNAMENT, STUDENTS WILL IDENTIFY KEY PARTS OF BEE ANATOMY.

Direct Links	Indirect Links
<p>SCIENCE K: Plants and animals have observable features 1: Living things have features and behaviours that help them survive in their environment 2: Living things have life cycles adapted to their environment 3: Living things are diverse, can be grouped, and interact in their ecosystems</p> <p>ARTS EDUCATION K, 1: Engagement in the arts creates opportunities for inquiry through purposeful play K, 1: People can connect with others and share ideas through the arts 2: Inquiry through the arts creates opportunities for risk taking 2, 3: Dance, drama, music, and visual arts are each unique languages for creating and communicating 3: Creative experiences involve an interplay between exploration, inquiry, and purposeful choice</p> <p>APPLIED DESIGN, SKILLS, AND TECHNOLOGIES K, 1, 2, 3: Designs grow out of natural curiosities K, 1, 2, 3: Skills can be developed through play K, 1, 2, 3: Technologies are tools that extend human capabilities</p>	<p>SOCIAL STUDIES 1: We shape the local environment, and the local environment shapes who we are and how we live 1: Our rights, roles, and responsibilities are important for building strong communities 1: Healthy communities recognize and respect the diversity of individuals and care for the local environment 2: Local actions have global consequences, and global actions have local consequences 2: Individuals have rights and responsibilities as global citizens</p> <p>ENGLISH LANGUAGE ARTS K, 1, 2: Through listening and speaking, we connect with others and share our world K, 1, 2, 3: Curiosity and wonder lead us to new discoveries about ourselves and the world around us</p> <p>PHYSICAL AND HEALTH EDUCATION K, 1: Daily physical activity helps us develop movement skills and physical literacy, and is an important part of healthy living K, 1: Good health comprises physical, mental, and emotional well-being 2, 3: Daily participation in physical activity at moderate to vigorous intensity levels benefits all aspects of our well-being 2: Learning how to participate and move our bodies in different physical activities helps us develop physical literacy 2, 3: Our physical, emotional, and mental health are interconnected</p> <p>CAREER EDUCATION K, 1, 2, 3: Effective collaboration relies on clear, respectful communication</p>

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LEAF IT TO THE SUN (K-3)

LEARN ABOUT PLANT LEAF SHAPES AND WHY PLANT DIVERSITY IS IMPORTANT. STUDENTS WILL COLLECT LEAVES FROM NATIVE AND INVASIVE PLANTS IN THE GARDENS AND USE SUN-SENSITIVE PAPER TO CREATE THEIR OWN NATUREBASED ART TO TAKE BACK TO THE CLASSROOM.

Direct Links	Indirect Links
<p>SCIENCE K: Plants and animals have observable features 1: Living things have features and behaviours that help them survive in their environment 2: Living things have life cycles adapted to their environment 3: Living things are diverse, can be grouped, and interact in their ecosystems</p> <p>ENGLISH LANGUAGE ARTS K, 1, 2: Through listening and speaking, we connect with others and share our world K, 1, 2, 3: Curiosity and wonder lead us to new discoveries about ourselves and the world around us</p> <p>APPLIED DESIGN, SKILLS, AND TECHNOLOGIES K, 1, 2, 3: Designs grow out of natural curiosities K, 1, 2, 3: Skills can be developed through play K, 1, 2, 3: Technologies are tools that extend human capabilities</p>	<p>SOCIAL STUDIES 1: We shape the local environment, and the local environment shapes who we are and how we live 1: Healthy communities recognize and respect the diversity of individuals and care for the local environment 2: Local actions have global consequences, and global actions have local consequences 2: Individuals have rights and responsibilities as global citizens</p> <p>PHYSICAL AND HEALTH EDUCATION K, 1: Daily physical activity helps us develop movement skills and physical literacy, and is an important part of healthy living K, 1: Good health comprises physical, mental, and emotional well-being 2, 3: Daily participation in physical activity at moderate to vigorous intensity levels benefits all aspects of our well-being 2: Learning how to participate and move our bodies in different physical activities helps us develop physical literacy 2, 3: Our physical, emotional, and mental health are interconnected</p> <p>CAREER EDUCATION K, 1, 2, 3: Effective collaboration relies on clear, respectful communication</p>

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PAINTING WITH PLANTS (GR. 4-5)

WHAT IS A NATIVE PLANT? EXPLORE THE ECOLOGICAL AND CULTURAL IMPORTANCE OF NATIVE PLANTS THROUGH A HANDS-ON ART PROJECT. USING FABRIC AND PLANT MATERIALS COLLECTED IN THE GARDENS, STUDENTS WILL CREATE A NATIVE PLANT FLAG TO TAKE HOME.

Direct Links	Indirect Links
<p>SCIENCE 4: All living things sense and respond to their environment 5: Multicellular organisms have organ systems that enable them to survive and interact with their environment</p> <p>ARTS EDUCATION 4, 5: Dance, drama, music, and visual arts are each unique languages for creating and communicating</p>	<p>SOCIAL STUDIES 4: The pursuit of valuable natural resources has played a key role in changing the land, people, and communities of Canada</p> <p>PHYSICAL AND HEALTH EDUCATION 4, 5: Knowing what we enjoy doing and knowing about our opportunities to participate in those activities helps us develop an active lifestyle 4, 5: Personal choices and social and environmental factors influence our health and well-being 5: Daily physical activity enables us to practice skillful movement and helps us develop personal fitness</p> <p>APPLIED DESIGN, SKILLS, AND TECHNOLOGIES 4, 5: Skills are developed through practice, effort, and action 4, 5: The choice of technology and tools Depends on the task</p>

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BUZZ ABOUT BEES (GR. 6-7)

HOW MANY BEES ARE THERE IN BC? EXPLORE BEE DIVERSITY AND THE ROLE OF POLLINATORS IN MAINTAINING A HEALTHY BALANCE IN OUR ECOSYSTEMS. STUDENTS WILL LEARN TO IDENTIFY A VARIETY OF POLLINATORS THAT VISIT THE GARDEN THROUGH A CATCH AND RELEASE ACTIVITY.

Direct Links

SCIENCE

6: Multicellular organisms rely on internal systems to survive, reproduce, and interact with their environment
 7: Evolution by natural selection provides an explanation for the diversity and survival of living things
 7: Earth and its climate have changed over geological time

ARTS EDUCATION

6: Elements and principles that together create meaning in the arts, including but not limited to: visual arts: elements of design: line, shape, space, texture, colour, form, value; principles of design: pattern, repetition, balance, contrast, emphasis, rhythm, variety, unity, harmony
 7: Elements and principles that together create meaning in the arts, including but not limited to: visual arts: elements of design: line, shape, space, texture, colour, form, value; principles of design: pattern, repetition, balance, contrast, emphasis, rhythm, movement, variety, proportion, unity, harmony

Indirect Links

PHYSICAL AND HEALTH EDUCATION

6, 7: Physical literacy and fitness contribute to our success in and enjoyment of physical activity
 7: Daily participation in different types of physical activity influences our physical literacy and personal health and fitness goals

CAREER EDUCATION

6, 7: New experiences, both within and outside of school, expand our career skill set and options
 6, 7: Practising respectful, ethical, inclusive behaviour prepares us for the expectations of the workplace
 6, 7: Safe environments depend on everyone following safety rules

APPLIED DESIGN, SKILLS, AND TECHNOLOGIES

6, 7: Complex tasks require the acquisition of additional skills
 6, 7: Complex tasks may require multiple tools and technologies

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ROOTING FOR PLANTS (GR. 6-7)

HOW DO NATIVE PLANTS PROPAGATE? HOW DO NATIVE PLANTS SUPPORT WILDLIFE? THROUGH THIS HANDS-ON ACTIVITY, STUDENTS WILL LEARN HOW TO PROPAGATE WOODLAND STRAWBERRY AND YARROW PLANTS TO TAKE BACK THEIR SCHOOL OR HOME GARDENS.

Direct Links	Indirect Links
<p>SCIENCE</p> <p>6: Multicellular organisms rely on internal systems to survive, reproduce, and interact with their environment</p> <p>6: Everyday materials are often mixtures</p> <p>7: Evolution by natural selection provides an explanation for the diversity and survival of living things</p> <p>7: Earth and its climate have changed over geological time</p>	<p>PHYSICAL AND HEALTH EDUCATION</p> <p>6, 7: Physical literacy and fitness contribute to our success in and enjoyment of physical activity</p> <p>7: Daily participation in different types of physical activity influences our physical literacy and personal health and fitness goals</p> <p>CAREER EDUCATION</p> <p>6, 7: New experiences, both within and outside of school, expand our career skill set and options</p> <p>6, 7: Practising respectful, ethical, inclusive behaviour prepares us for the expectations of the workplace</p> <p>6, 7: Safe environments depend on everyone following safety rules</p> <p>APPLIED DESIGN, SKILLS, AND TECHNOLOGIES</p> <p>6, 7: Complex tasks require the acquisition of additional skills</p> <p>6, 7: Complex tasks may require multiple tools and technologies</p>