



**Environmental
Youth Alliance**



HIGH SCHOOL FIELD TRIPS

EYA field trips support Big Ideas in the BC Curriculum in direct and indirect ways listed below.

Each field trip will be slightly modified to the grade level of your class.

STEWADING URBAN WETLANDS

What is land stewardship and why are urban wetlands important? Students will learn all about wetlands and why we need to protect these ecosystems. Through engaging with our Strathcona Wetland Project, students will get hands-on experience with stewardship activities and learn invasive plant removal techniques.

SCIENCE

9: The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows

Earth Sciences 11: The distribution of water has a major influence on weather and climate

Environmental Sciences 11: Human practices affect the sustainability of ecosystems.

Environmental Sciences 11: Humans can play a role in stewardship and restoration of ecosystems

Environmental Sciences 11: Complex roles and relationships contribute to diversity of ecosystems.

Environmental Sciences 11: Changing ecosystems are maintained by natural processes.

Science for Citizens 11: Scientific understanding enables humans to respond and adapt to changes locally and globally.

Enviro 12: Human actions affect the quality of water and its ability to sustain life.

Enviro 12: Human activities cause changes in the global climate system.

Specialized 12: Biodiversity is dependent on the complex interactions and processes between biotic and abiotic factors.

Specialized 12: Climate change impacts biodiversity and ecosystem health.

OUTDOOR EDUCATION

11, 12: Participation in outdoor activities allows for the development of skills in a complex and dynamic environment.

11, 12: Spending time outdoors allows us to develop an understanding of the natural environment, ourselves, and others.

11, 12: Participating safely in outdoor activities requires communication, teamwork, and collaboration.

12: Participation in outdoor activities allows for the development of leadership skills that can be applied in a variety of contexts and environments.

SOCIAL STUDIES

8: Exploration, expansion, and colonization had varying consequences for different groups.

Physical Geography 12: Natural processes have an impact on the landscape and human settlement.

Human Geography 12: Human activities alter landscapes in a variety of ways

Human Geography 12: A geographic region can encompass a variety of physical features and/or human interactions.

Urban Studies 12: Urbanization is a critical force that shapes both human life and the planet.

Indigenous Studies 12: The identities, worldviews, and languages of indigenous peoples are renewed, sustained, and transformed through their connection to the land.

PHYSICAL EDUCATION

10: Trying a variety of physical activities can increase the likelihood that we will be active throughout our lives.

Active Living 11, 12: Finding enjoyable recreational activities can motivate people to participate more regularly in physical activity.

Active Living 11, 12: Safety and injury prevention practices allow lifelong participation in physical activities.

ENGLISH LANGUAGE ARTS

8, 9: Exploring stories and other texts helps us understand ourselves and make connections to others and to the world.

10, 11, 12: The exploration of oral text and story deepens our understanding of diverse, complex ideas about identity, others, and the world.

DIGGING INTO NATIVE PLANTS

Explore the importance of native plants and their ecological relationships with plants and wildlife in Vancouver's urban greenspaces. Through this hands-on activity, students will learn methods for propagating native plants at EYA's nursery and take plants back to their school or home gardens.

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Environmental Sciences 11: Changing ecosystems are maintained by natural processes.

Science for Citizens 11: Scientific understanding enables humans to respond and adapt to changes locally and globally.

Environmental Sciences 12: Living sustainably supports the well-being of self, community, and Earth.

Environmental Sciences 12: Human activities cause changes in the global climate system.

Specialized 12: Biodiversity is dependent on the complex interactions and processes between biotic and abiotic factors.

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PHYSICAL EDUCATION

8, 9: Advocating for the health and well-being of others connects us to our community.

8, 9: Healthy relationships can help us lead rewarding and fulfilling lives.

10: Healthy choices influence, and are influenced by, our physical, emotional, and mental well-being.

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Active Living 11, 12: Finding enjoyable recreational activities can motivate people to participate more regularly in physical activity.

BUZZ ABOUT BEES

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.

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Environmental Sciences 11: Complex roles and relationships contribute to diversity of ecosystems.

Environmental Sciences 11: Changing ecosystems are maintained by natural processes.

Science for Citizens 11: Scientific understanding enables humans to respond and adapt to changes locally and globally.

Science for Citizens 11: Scientific processes and knowledge inform our decisions and impact our daily lives

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BUZZ ABOUT BEES

What are invasive species and how did they get here? Harvest Invasive Species and upcycle the green waste through weaving baskets, all while learning about their impacts on our ecosystems and how we can steward Vancouver's green spaces.

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ARTS EDUCATION

8: Creative growth requires patience, readiness to take risks, and willingness to try new approaches.

8: Individual and collective expression can be achieved through the arts.

9: Creative arts experiences can build community and nurture relationships with others.

9, 10: Identity and sense of belonging is explored, expressed, and impacted through arts experiences.

10: Traditions, perspectives, worldviews, and stories are shared through aesthetic experiences.

10: The creation of visual art relies on the interplay of the mind and body.

Art Studio 10, Visual Arts 11, 12: An artist's intention transforms materials into art.

APPLIED DESIGN, SKILLS, and TECHNOLOGIES, TEXTILES

9, 10: Social, ethical, and sustainability considerations impact design.

Textiles 11: Design for the life cycle includes consideration of social and environmental impacts.