



SUPPORTING TEACHERS, INSPIRING STUDENTS.

- Youth Education Summits
- Classroom & Field Programs
- Teacher Professional Development
- Grants & Projects
- Learning Resources

insideeducation.ca



Classroom Programs

Inside Education brings our no-cost, curriculum enhancing programs to inspire your students in your school!

Energy, Climate, and Environment Expos

Tailored events for Grades 3 - 12

Let our educators energize and educate your students with our action-packed station-based expos! We have solar demonstrations, wind turbines, virtual reality goggles and more.

CARS: Clean Air Responsible Schools

Grade 4-7

A fully supported inquiry project that emphasizes climate change, citizen science, and student-centered stewardship. With curricular connections to grade 5 but suitable for grades 4-7.

Forests

Grade 4 and 6

Investigate plant growth, trees and forests using our multiple perspectives approach. These inquiry-based programs will develop an understanding of local flora, traditional uses, and more!

Electricity in Alberta

Grade 5

From wind turbines to coal-fired power plants our electricity landscape is shaped by natural resources. Examine electricity from a Canadian perspective and learn how electricity is made, moved and connected to how we live, work and play.

Cultivating Stewardship: Agriculture in Alberta

Grade 7, CTF and CTS

A hands-on inquiry into key agricultural topics! Students will explore the who, what and why of agriculture in Alberta and the balance between a growing population and sustainable agriculture practices.



Solar Lantern Building Challenge

Grade 9

Take your students on a critical thinking evaluation of electricity and get the big picture of electricity generation and consumption. This unique 1.5-hour program includes an interactive presentation and solar lantern building workshop.

Energy and the Environment

Science 10/30 and CTS

Using Inside Education's Energy Dialogues resource we will explore the relationship between Alberta's energy industry and our natural environment. STSE connections.

“““

“My students loved it! They especially loved being able to see what we were talking about and apply it to their forest exploring. Their favourite times were when they had time to explore”

*- Michelle Savoie,
Teacher, Clyde*

Forest Field Studies

An awesome opportunity for students and teachers to learn about the forest...

IN THE FOREST.

Our team of professional educators will lead your students through an experiential, curriculum-connected field trip.

FULL DAY PROGRAMS FOR GRADES 4 - 12

Des Crossley Demonstration Forest
Rocky Mountain House

Huestis Demonstration Forest
Whitecourt

Jumpingpound Demonstration Forest
Kananaskis

Evergreen Learning and Innovation Centre
Grande Prairie

Cooking Lake - Blackfoot Provincial Recreation Area
Edmonton Area

Gregoire Lake Provincial Park
Fort McMurray and Area

**busing subsidy available at most field sites!*



Professional Developments

Step out of your classroom... and into ours!

Join us on our award-winning professional development programs with behind-the-scenes tours and in-depth discussions with natural resource and environmental experts!

These all-expenses-paid programs cover all program costs including:

- meals
- supply teacher subsidy
- accommodation

PD PROGRAMS



Energy in Peace Country
May 23-25, 2019



Agriculture Innovations
May 30-June 1, 2019



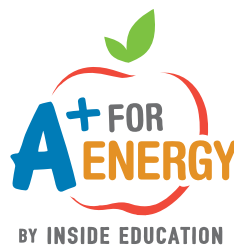
Boreal Wildlife
July 2-6, 2019



Renewable Energy and Climate Change
Fall 2019, 2019

insideeducation.ca/teacher-professional-development

Grants & Projects



A+ for Energy Grant
Calling all K-12 teachers, here's your chance to receive a grant to implement creative approaches to energy education in your classroom!



Nutrients for Life Garden Grant
Would a learning garden inspire agriculture education in your school? There are funds available to help you get growing!

insideeducation.ca/grants



Youth Education Summits

Don't miss this opportunity to let your junior and senior high students add their voice to Alberta's climate change conversation.

All-expenses-paid experiential learning to inspire, educate and engage Alberta's young leaders.



“““

“My students learned more in one day than they would have in weeks in the classroom. These experiences were unique. This was truly a great opportunity for them to be introduced to, and engaged in topics that will be very important in their lives.”

- Emilie Giroux,
Teacher, Fort McMurray

insideeducation.ca/youth-education-summits



Cultivate 2020: Youth Agriculture and Environmental Leadership Summit

- March 2020 -



ALBERTA BOREAL CAREERS PROJECT

Alberta Boreal Careers Project

- April 2019, Lac La Biche -



Regional Youth Summits

**opportunities for CTS course credit!*

- S3** | Wood Buffalo Student Sustainability Summit
November 2019
- A3** | Southern Alberta Awareness to Action Summit
December 2019
- C3** | Calgary Climate Change Summit
November 2019
- E3** | Edmonton Energy Efficiency Summit
December 2019

Learning Resources

Your guide to every classroom resource Inside Education offers!

FORESTS

BETWEEN THE STANDS

Discover how we use and manage forests and explore 8 of Alberta's common tree species.

DIGITAL POSTER/TEACHER'S GUIDE
ELEMENTARY

CURRENT FOREST ISSUES

Examine 5 real-life case studies related to Alberta's forests and climate change, careers, economics, management, and forest changes.

CASE STUDIES
JR. HIGH | SR. HIGH

IT'S OUR FOREST

Examine forest ecology, forest products, management and the human values of the forest.

DISPONIBLE EN FRANÇAIS

ONLINE VIDEO/TEACHER'S GUIDE
ELEMENTARY | JR. HIGH | SR. HIGH

GUIDE TO COMMON TREES AND SHRUBS IN ALBERTA

Identify common tree and shrub species with descriptions, colour photos, and a handy dichotomous key.

Order your coil-bound copy online!

FIELD GUIDE, SMARTBOARD
ELEMENTARY | JR. HIGH | SR. HIGH

MOUNTAIN PINE BEETLE MANIA

Introduce your students to the science and issues behind this Western Canadian insect.

DISPONIBLE EN FRANÇAIS

ACTIVITY BOOK
ELEMENTARY | JR. HIGH

ENERGY AND CLIMATE

ELECTRICITY

Enhance your lessons on the generation, transmission, and distribution of electricity in Canada.

DIGITAL POSTER/TEACHER'S GUIDE
ELEMENTARY | JR. HIGH

OIL SANDS FIELD TRIPS

Take a virtual field trip to a Northern Alberta mining and in-situ oil sands operation.

DISPONIBLE EN FRANÇAIS

ONLINE VIDEO/TEACHER'S GUIDE
ELEMENTARY | JR. HIGH

PETROLEUM

Examine the formation, exploration, and production of our petroleum resources.

DIGITAL POSTER/TEACHER'S GUIDE
ELEMENTARY | JR. HIGH | SR. HIGH

PETROLEUM FIELD TRIPS

Unlock the mystery of how petroleum was formed and discover how we find, extract and use it.

DISPONIBLE EN FRANÇAIS

ONLINE VIDEO
ELEMENTARY | JR. HIGH

MINING POSTER

This four-part poster series examines Alberta's mining industry, the extraction process, natural resources hidden deep underground, the environmental and societal impacts, careers and more!

DIGITAL POSTER
ELEMENTARY | JR. HIGH | SR. HIGH

CARE PACKAGE

Explore simple, yet effective ways to conserve energy and water, and reduce waste.

HANDS-ON KIT/TEACHER'S GUIDE
ELEMENTARY | JR. HIGH | SR. HIGH

STEWARDSHIP: ENERGY, CLIMATE AND YOU

Find out how our energy use relates to climate change and inspire stewardship through personal action.

DIGITAL POSTER/TEACHER'S GUIDE
ELEMENTARY | JR. HIGH

ENERGY DIALOGUES

This interactive website explores student questions on wind, energy and wildlife and hydraulic fracturing from multiple perspectives, helping you start a dialogue in your own classroom.

INTERACTIVE WEBSITE
JR. HIGH | SR. HIGH

WILDLIFE

LITTLE BROWN BAT

Discover one of Alberta's most unique mammals through interactive lessons, and activities including building your own bat box.

ACTIVITY BOOK
ELEMENTARY | JR. HIGH | SR. HIGH

CARIBOU POSTER

Connected to our Species at Risk Education programs, Alberta's Woodland Caribou poster explores the factors leading to the decline of this species and actions underway to protect caribou populations.

DIGITAL POSTER/TEACHER'S GUIDE
ELEMENTARY | JR. HIGH | SR. HIGH

“““

“Being a first-year teacher I don't have nearly as many hands-on resources as I would like and having someone come in with those resources is extremely valuable to my students.”

- Natasha Petruk, Teacher - Beacon Hill

WATER

HIDDEN WATER

Learn the science of groundwater in Alberta including water quality, distribution and uses.

ONLINE VIDEO
JR. HIGH

RUNNING WATER

Uncover the science and issues related to water use in the semi-arid South Saskatchewan River Basin.

DIGITAL POSTER/TEACHER'S GUIDE
ELEMENTARY | JR. HIGH | SR. HIGH

WISE KIT

Explore water conservation activities using the hands-on materials in the Water Innovation and Stewardship Education kit.

HANDS-ON KIT/TEACHER'S GUIDE
ELEMENTARY | JR. HIGH

CAREERS

VOICES OF THE BOREAL

Investigate a variety of careers in Alberta's north while following five residents of the boreal forest.

ONLINE VIDEO/DISCUSSION GUIDE
SR. HIGH

TOOLS OF THE TRADE - MINING

This collection of equipment will allow students to experience the hands-on work that shapes the mining sector.

HANDS-ON KIT
ELEMENTARY | JR. HIGH | SR. HIGH

TOOLS OF THE TRADE - FOREST

Explore forest careers using this toolbox of equipment and activities.

HANDS-ON KIT
ELEMENTARY | JR. HIGH | SR. HIGH



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