







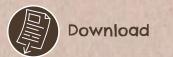
Order FREE resources and find program information at: www.aitc.sk.ca

Agriculture in the Classroom Saskatchewan provides curriculum-based resources and programs to help connect students and agriculture.

We ensure our information is ACCURATE, BALANCED, CURRENT AND SCIENCE-BASED.

AVAILABILITY KEY



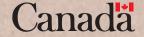




















Elementary



Blossom's Big Job

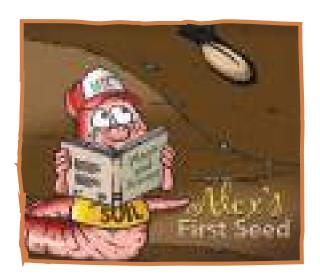
Arts, Sci, Hlth, ELA GRADES K TO 3

In this charming storybook, a hard working bee encourages trust and perseverance while students learn about pollination and how honey is made.











Guided reading questions & supplementary activity books also available!

Alex's First Seed

ELA, Sci GRADES K TO 3

A storybook about a little worm who helps to grow his first plant. This fun, educational book will help students learn about the important role that worms play in maintaining healthy soil in order to grow healthy food.





What's Growing Around Us?

ELA, Sci, SS GRADES 2 TO 4

Follow Abby and her mom as they take a fieldtrip in the prairies to learn about where their food comes from! The adventure highlights many of the crops and livestock that are grown and raised on the prairies.







Order & download FREE resources at: www.aitc.sk.ca





Where Beef Comes From

Careers, PAA, Sci GRADES 3

Students learn about beef production in Saskatchewan, including different steps in producing, growing and manufacturing beef. They will also learn the valuable role beef plays in their daily diet.









The Adventures of Michael and Mia: Stewards of the Land

ELA, Sci, SS GRADES 4 TO 6

Join Michael and Mia on a gardening and farming adventure! Complete with illustrations, photographs and infographics, this storybook focuses on farm stewardship and sustainability, while also highlighting modern farm practices and technologies.









Reggie's Technology Adventure

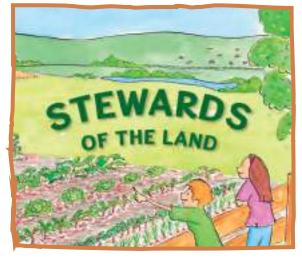
ELA, Hlth, Sci, SS GRADES 3 TO 5

Our pal Reggie is tasked with doing a school project on technology in agriculture. Not feeling enthused about it, Reggie enlists the help of his Mom. Join along as they tour the countryside and learn about various ways the agriculture industry uses technology!









"The students love reading and listening to stories. This was an excellent book to teach students about where our food comes from!"



My Food Story Hith, ELA, SS GRADES K TO 4

Use this kit to share stories about how food is produced from gate-to-plate. Introduce your students to some of the people dedicated to delivering safe, healthy and affordable food. It includes a lesson plan and placemats that students can use to share their own food stories in the classroom.









Living Necklace Kit Arts, Sci GRADES 1 TO 4

The Living Necklace Kit includes instructions and materials for 35 students to each make a necklace using a cotton ball, plastic bag, string and seeds. In a few days the seeds sprout and the necklace comes alive!



Food Waste & You Hith, SS GRADES 1 TO 6

Students learn about food waste in Canada. They will explore how food is lost or wasted throughout the food value chain, and what the agriculture industry is currently doing to reduce loss and waste. Students also learn about what they can personally do to help reduce food waste.















Plants, Us, and Climate Change

Sci, SS

GRADES 3 TO 6



Students explore the interconnections between plants, people and our planet. A series of 8 lessons engages students in plant biology and processes, soil science, food waste and the implications for climate change. Lessons include videos, hands-on garden-based activities and action-oriented reflections in the complimentary guide, My Climate Story.











Saskatchewan Agriculture Posters

Arts, Math, PAA, SS GRADES K TO 6

A set of 3 - 22" x 28" posters with each poster featuring one of the following grown or raised in Saskatchewan: Crops, Farm Animals, Fruits & Vegetables.





"I love that these resources are all planned out and ready to use. They require minimal preparation and they are adaptable for many lessons and age groups."

- JENNIFER LEACH, HENRY BRAUN SCHOOL

"The kids themselves stated that it was a great unit and they had a lot of fun with it. I found it easy to use/set up, with very little time spent on lesson planning."

- TRISTAN SANDER, BISHOP KLEIN SCHOOL











Agriculture Video Links

Sci, SS GRADES K TO 6



An Agriculture Video resource! Explore 19 educational videos about agriculture in a single document. A brief overview, grade range, title and topic, and video link are included for each of the videos.

Supplement your current teachings with an engaging video for students on topics such





as soil, plants, food, and animals!





FarmFood 360

Sci, SS GRADES K TO 6

Tour a farm or processing facility from the comfort of your classroom! FarmFood 360 is a series of Canadian farm and processing facility virtual tours where you can explore where food comes from through your VR Viewer or any device.

Bill Nye, Farming

Sci GRADES 3 TO 8

Access the wildly popular Bill Nye the Science Guy series with this adaptable classroom format. Bill Nye knows how to provide easy access to hard science. What's his secret? A fast paced approach blending humorous hljinks with hands-on activities. Bill encourages kids to ask interesting questions. Note this is a loan only, there will be a self-addressed label provided for return of materials after 3 weeks.



Bill Nye, Food Web

Hlth, Sci, SS GRADES 3 TO 8

Access the wildly popular Bill Nye the Science Guy series with this adaptable classroom format. In Food Web, watch as Bill Nye becomes tangled in a complex food web in his quest to demonstrate that all living things depend on other living things to survive. Note this is a loan only, there will be a self-addressed label provided for return of materials after 3 weeks.







Dig Deeper: A Soil Discovery Kit

Sci **GRADE 3**

Enhance your student's understanding of the world of soils as they delve into the story of soil and its central role in sustaining life on earth. Hands-on activities focus on what soils are made of, the diversity of life in soils, how they interact with water, their productive capacity to grow food, and an exploration of the root zone.









Saskatchewan Seed Kit

Sci, SS **GRADE 3**

The Saskatchewan Seed Kit comes complete with 5 sets of 13 samples of Saskatchewan's most common seed varieties and suggested activities to engage your students in learning about crop production in Saskatchewan.





What's in Your Lunchbox? HIth, ELA, SS **GRADES 3 TO 6**

Connect kids to where their food comes from. Students learn which crops, animals and plant parts are needed to make the foods that they commonly eat. This can lead to healthier eating choices and a better appreciation for agriculture and its role in feeding the world.

















Educational Learning Quizzes on Quizizz

Careers, Math, Sci GRADE K TO 6



Check out our collection of quizzes on Quizizz, a free platform that provides gamified quizzes! Test your student's knowledge of food, agriculture and soil, and find farm-themed math quizzes specifically linked to the Grades 2 - 8 curriculum.







AG in SK Game Show

Careers, Sci, SS GRADES 2 TO 6



A competitive and interactive game that tests your student's knowledge about agriculture. Challenge your students in a fun, engaging way to see who knows the most about where food comes from and more. Advancing levels of difficulty allows you to adapt to your students.





Agriculture Website for Kids

Careers, Sci, SS GRADES 4 TO 6



COMING SOON! A website designed expecially for students. It will contain colourful illustrations, photos and information on the past, present and future of agriculture. The teacher section will include lesson plans and assessment tools.

"I love having new, engaging ways to present learning outcomes for my students."

- TERRI JACKSON, HUGH CAIRNS V.C. SCHOOL



Explore ALL FREE resources at: www.aitc.sk.ca

Middle Years



Mission: Superhuman

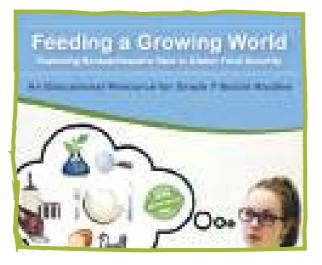
Hlth

GRADES 6 TO 8



COMING SOON! A gamified resource where students create a new Superhero. As a team they research information on nutrients and different foods that would help create the ultimate superhuman. Over five lessons and three boss fights, students will learn all about nutrition in a fun, interactive way.





"The kids themselves stated that it was a great unit and they had a lot of fun with it. I found it easy to use/set up, with very little time spent on lesson planning."

- TRISTAN SANDER, BISHOP KLEIN SCHOOL



Feeding a Growing World: Exploring Saskatchewan's Role in Global Food Security

GRADE 7

Your students will inquire, explore and investigate the question, "How might Saskatchewan agriculture contribute to global food security for 9 billion people?" Feeding a Growing World features multiple components to enhance students' learning experiences. This resource includes a 4-part video, an interactive SMART Board game, classroom activities and an inquiry-based project focused on an aspect of Saskatchewan agriculture and its connection to food security.





Sign up for our monthly e-newsletter at: www.aitc.sk.ca







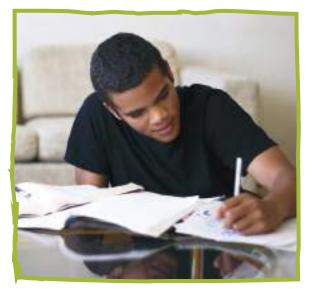
Journey 2050

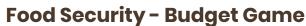
GRADES 7 TO 9

As students explore global food sustainability they make inquiry-based decisions to see the ripple effect on on social, economic and environmental factors, locally and globally. Agricultural experts and farm families from Kenya, India and Canada guide students through a virtual farm simulation, career avatar game and geography scavenger hunt.



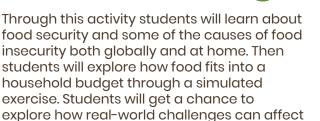






Hlth, SS

GRADES 6 TO 8



the budgets and food choices of families.







Agriculture Video Links

Sci. SS

GRADES 7 TO 12

An Agriculture Video resource! Explore 10 educational videos about agriculture and food in a single document. A brief overview, grade range, title and topic, and video link are included for each of the videos. Supplement your current teachings with an engaging video for students on topics such as soil, plants, food, and farming!







High School



#MyFoodChoice

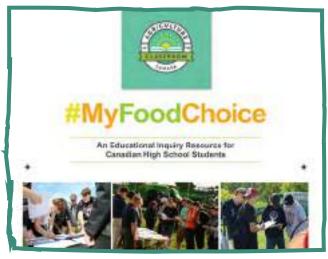
HIth, ELA, Sci, SS GRADES 9 TO 12

Students are encouraged to think critically about answering the overall question of "How can I make informed food choices". This resource has videos, interactive student sheets and more! A downloadable version is also available.









Cooking Up Chicken

Careers, Hith, PAA, Sci GRADES 9 TO 12

Students learn about topics including food safety, food preparation, cooking, food security, chicken production, marketing, and more! This resource includes recipes, student worksheets, lab activities, handouts and a marking rubric.



Pandemic Pizza: How COVID-19 impacted the Saskatchewan Food System

Sci, SS, Hlth GRADES 9 TO 12

COMING SOON! Using a problem-based learning approach and real-life examples, students will examine the impact COVID-19 has had on supply, price, consumers, farmers, processor, the environment, human health and animal welfare.



Order FREE resources at:





Planet X: 'Out of this World' Opportunities in Agriculture and Food

Careers, Sci, SS GRADES 9 TO 12

Students are given the mission to assemble a team of food production professionals to send to Planet X to sustainably produce food.
Students will gain a knowledge and appreciation of the multitude of professions within the Agriculture and Food sectors, while also understanding the importance of everyday food production and sustainability to the global population.









The Real Dirt on Farming

HIth, PAA, Sci, SS GRADES 9 TO 12

COMING SOON! Wondering about the role of pesticides, hormones and antibiotics in our food? In this resource, Canadian farmers discuss important issues that exist in today's food industry, and give you the facts that you need to help educate your students about modern food production. Accompanying teacher guide will also be available.







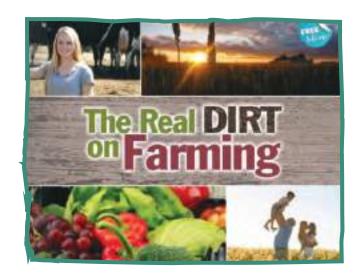
snapAG

Sci, SS, Hlth GRADES 9 TO 12

NEW TOPICS ADDED! Accurate, balanced and current information on hot topics in agriculture that has been researched and reviewed. A great resource for teachers to explore information about questions they might personally have or for high school students to use as a source of information for research projects. Explore topics at www.aitc-canada.ca.









Journey 2050

SS

GRADES 10 TO 12

As students explore global food sustainability they make inquiry-based decisions to see the ripple effect on on social, economic and environmental factors, locally and globally. Agricultural experts and farm families from Kenya, India and Canada guide students through a virtual farm simulation, career avatar game and geography scavenger hunt.









Before the Plate

Careers, Hlth, PAA, Sci, SS GRADES 9 TO 12

An intriguing documentary about the questions, the stories and the people behind where our food comes from and how it gets to our plate. This resource includes full viewing access to the Before the Plate documentary and a comprehensive, curriculum-linked Documentary Viewing Guide.







The Agri-Environment: Exploring a Healthy Relationship with the Land

ES 20

Through guided lessons and hands-on experiments, students will explore sustainable agricultural practices and the technologies that support them. This resource kit contains materials for students to conduct experiments related to plant disease, seed treatment, soil health, soil erosion and more. Contact resources@aitc.sk.ca to inquire about receiving a kit or to order replacement materials.



Agriculture Video Links

Sci, SS

GRADES 7 TO 12

An Agriculture Video resource! Explore 10 educational videos about agriculture and food in a single document. A brief overview, grade range, title and topic, and video link are included for each of the videos. Supplement your current teachings with an engaging video for students on topics such as soil, plants, food, and farming!







High School

Gee! In Genome - DNA Extraction Activity

Careers, Sci GRADES 9 TO 12

This activity will encourage students to explore some of the tools that farmers and scientists use to efficiently produce safe, nutritious food. Explore the genetic material of a delicious food item through an in-school or at-home lab activity. Societal relevance and career connections will also be investigated.









IN-SCHOOL PROGRAMS

Programs

Our K-12 programming is developed for you to reach curriculum outcomes in a fun, engaging way. With so much uncertainty surrounding how education will be delivered in the 2020-2021 school year, AITC-SK has currently suspended most programming. As further details are released, our team will be working hard to adapt current programming into a format that will be acceptable in schools.

Little Green Thumbs

Province-wide

GRADES 3 TO 6 • YEAR-ROUND

An indoor classroom gardening program that creates dynamic learning opportunities for teachers and students by growing food in their classrooms. Gardens are living laboratories, a place where students can apply and learn real-life STEM (Science- Technology- Engineering- Math) skills while fostering critical thinking, communication, collaboration and creativity. Applications open March 2021.

Canadian Agriculture Literacy Month

Province-wide GRADES 1 TO 6 • MARCH

How do farmers decide which crop to grow? Why are some eggs brown? Where do cows sleep in winter? If your students have questions about farming, let us help coordinate a classroom visit from a farmer or agricultural representative. Volunteers will read a book or do an activity and share their personal agriculture story. Register by January 24, 2021.

Little Green Sprouts

Province-wide

GRADES K TO 2 • YEAR-ROUND

Not enough space or time for a big classroom garden? Little Green Sprouts may be the perfect program for your class. In just a few weeks, your students will plant, grow, harvest and eat micro-greens! Applications open November 2020.

Want to be notified when our FREE programming becomes available?
Sign up for our monthly e-newsletter!

We are all connected to agriculture.

Don't just meet your curriculum outcomes, do it in a FUN, ENGAGING way!

Our innovative, curriculum-based programs and resources are FREE and will create memorable learning experiences for your students.



We are a proud member of:





Toll-free: 844.393.2345 programs@aitc.sk.ca resources@aitc.sk.ca www.aitc.sk.ca



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