

2025-2026

FREE
initiatives
inside!

Educational Program & Resource Guide

K-12



INNOVATIVE



EXPERIENTIAL



CURRICULUM-BASED

Agriculture 
in the Classroom
Connecting Kids and Agriculture



FREE programs and resources
at: www.aitc.sk.ca



Agriculture in the Classroom Saskatchewan is a registered charity that provides innovative, experiential, curriculum-based resources and programs to help connect students and agriculture.

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



www.aitc.sk.ca



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



3830 Thatcher Avenue,
Saskatoon, SK, S7R 1A5

DISCOVER AITC RESOURCES

AITC offers a variety of high-quality, educational resources to help you meet curriculum outcomes. This Guide highlights our top offerings. You can view all AITC resources on our website. Get to know our offerings by exploring the following:



Lesson Plan

A curriculum-based guided activity or lesson designed to take one to two class periods.



Mini Unit Plan

A series of lesson plans designed to be taught together, encouraging deeper learning on a certain topic.



Activity

Provides instructions for a short activity, experiment, or game to complement existing lessons in your classroom.



Book

Storybooks about food and agriculture, often with an accompanying guided reading lesson or activity book.



Informational Resource

Provides information on the food and agriculture sector that can help address curriculum outcomes.



Video

Documentaries and video tours with a learning guide to support teacher and student exploration into video content.

RESOURCE KEY



Order



Download



Online



French

FREE

PROGRAM KEY



Classroom
Garden



In-school



Out-of-
school

AGRICULTURE IN THE CLASSROOM

Agriculture in the Classroom exists in ten provinces and as a national organization. Together, we form a cross-country team dedicated to delivering programs and resources that engage and inspire students to know and care more about agriculture and food.



Special thanks to our Superhero Sponsors!



Teacher Tools

To access Teacher Tools, scan the QR code or visit www.aitc.sk.ca/resources/teacher-tools.

AITC Dashboard

A one-stop shop for FREE educational programs and resources. Sign up for an AITC Account to access hundreds of resources and manage your AITC programs from one convenient location. Login or create your account now!

Educator E-Newsletter

Don't miss registering for a program! Each month, get notified of programs that are open for registration that month right to your inbox! Plus receive first dibs on new resources, contests, professional development, and more. Sign up!



Curriculum Map

Integrate AITC resources into K-12 classrooms seamlessly. Resources are mapped to the curriculum by grade, ensuring you meet outcomes with engaging learning experiences. Discover FREE educational resources!

French Resources

Explore our French offerings by visiting the AITC Resource Library through your AITC Dashboard and clicking on "Voir les ressources en français". Scan the QR code to access a downloadable 2025-2026 French Resource Guide now!

Program Calendar

A snapshot of AITC program offerings throughout the school year. Download the full version from our website. Program registrations typically open two months in advance. Sign up for our Educator e-newsletter to be notified.

SEPTEMBER	OCTOBER	NOVEMBER	ELEMENTARY MIDDLE YEARS HIGH SCHOOL K-12
Food Farms Great Canadian Farm Tour Global Biotech Week	Food Farms Great Canadian Farm Tour AG EXperience (Saskatoon)	Agribition Agri-Ed (Regina) Yorkton Harvest Showdown Little Green Sprouts	
	Sask Food Story (Saskatoon) thinkAG Expo (Prince Albert)		
	thinkAG Expo (Prince Albert & Swift Current)	thinkAG Expo (Regina)	
DECEMBER/JANUARY	FEBRUARY	MARCH	YEAR-ROUND Little Green Thumbs Regina Food Bank: Food Hub Nutrition Program Make it Pork! Meal Kit Regina Food Bank: Food Hub Financial Literacy Program Classroom Presentations* <small>*Available in Fall & Spring.</small>
No Program offerings in December/January. Order or download FREE resources to engage your students!	Canada's Ag Day Challenge	CALM Little Green Sprouts Garden Experience (Saskatoon)	
	Mission: Explorium	thinkAG Expo (Regina)	
	thinkAG Expo (Saskatoon)		
APRIL	MAY	JUNE	
Discover the Farm (Swift Current) Seed Survivor	Food Farms Seed Survivor	Food Farms Seed Survivor	
	Biotech Blast (Saskatoon)		
AgTech Expo (Yorkton) Edible Enterprises			
Farm & Ag Tours	Farm & Ag Tours Oats for Breakfast Bursary	Farm & Ag Tours Oats for Breakfast Bursary	

Programs are available province-wide unless otherwise indicated. program dates are subject to change. Visit our website for the most up-to-date information.

Teacher Opportunities

Science Teachers Workshop

SEPTEMBER 2025 | Saskatoon

Did you know that over one-third of Canada's ag-biotech industry is located in Saskatchewan? Expand your understanding of biotechnology so that you can confidently answer student questions, easily connect real-life examples to textbook examples, and inspire your students to consider a career in biosciences!



Teacher Agriculture Expedition

AUGUST 2026 | Province-wide

An action-packed, hands-on food tour that will inspire and ignite your pride for Saskatchewan agriculture. You'll gain the tools and knowledge to incorporate agriculture education into your classroom teachings. An incredible opportunity to build connections with the people who grow food and learn about food production, agricultural science and technology, sustainability, feeding the world, and much more. **Applications open May 2026.**



Sign up for our e-newsletter
to be notified when to apply!

Student Opportunities

Agriculture Student Scholarship

APPLY BY MARCH 1, 2026

The Saskatchewan Ministry of Agriculture offers a \$4,000 grand-prize scholarship, and three \$2,000 runner-up scholarships for Grade 12 students who are pursuing a career in agriculture. Applications open November 2025.



Global Youth Institute

APPLY BY APRIL 2026

Grades 9 to 12 students are invited to write a Global Challenge essay and attend the Virtual Youth Institute. Papers will be evaluated by a Board of Reviewers who may select a delegate to represent Saskatchewan in-person at the Global Youth Institute in Des Moines, Iowa, in October 2026. Funding is available to support travel costs for the mentor and student.



FEATURED

First-Time Farmers

Arts, ELA, Sci
GRADES K TO 1



LEARNING KIT



“The students were very engaged and really enjoyed the hands on learning exploring real farm objects such as seeds, hay, silage etc... They were very excited to receive their certificates in the end and were quite proud to become real ‘farmers!’”
- PAMELA WERLE, TEACHER.

Featuring four "theme days", this kit helps students explore topics such as farming, plant growth, farm animals, and healthy eating through hands-on activities, fun worksheets, and creative play. Each theme day has a lesson plan, guided activities, materials, and interactive components for students to explore agriculture.

Trade and Taste

HLth, Sci, SS
GRADES 3 TO 6



LEARNING KIT



“They learned about where different agricultural products are produced, how we are interdependent with our global neighbours, and ways that trading can be enhanced or impeded ... The game was very engaging and promoted team work.”
- GLENNA PELLERIN, TEACHER, LAKE VISTA SCHOOL.

An interactive game designed to connect students to their food and explore how many of the foods they eat travel to get to their plate. As a team, students collect cards and complete recipes while they learn what foods are imported, exported, and traded across the globe -and how Saskatchewan plays a vital role!



LEARNING KITS

First-Time Farmers

Arts, ELA, Sci
GRADES K TO 1



Featuring four "theme days", this kit helps students explore topics such as farming, plant growth, farm animals, and healthy eating through hands-on activities, fun worksheets, and creative play.



My Food Story

HLth, SS
GRADES K TO 4



FR

Use this kit to encourage students to learn more about Saskatchewan agriculture and explore their personal relationship with food. A lesson plan and a placemat for each student to share their own special food stories is included.

Healthy Foods from Healthy Farms

HLth, Sci, SS
GRADES K TO 6



FR

Students make connections between the food we eat and the people in our community who grow and process it by creating a healthy snack using Canada's Food Guide.



Connections in Agriculture

HLth, Sci, SS
GRADES K TO 6



An interactive lesson focused on building student understanding of agriculture and fostering critical thinking. Students explore the connections we have to the world around us through a hands-on activity.

Living Necklace Kit

Arts, Sci
GRADES 1 TO 4



FR

This 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!





LEARNING KITS

Dig Deeper: A Soil Discovery Kit

ELA, Math, Sci

GRADE 3



FR

Students 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, their productive capacity to grow food, and an exploration of the root zone.



Saskatchewan Seed Kit

HLth, Sci

GRADE 3



FR

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?

HLth, Sci, SS

GRADES 3 TO 6



FR

Students learn which crops, animals and plant parts are needed to make the foods that they commonly eat, which can lead to healthier eating choices and a better appreciation for food and agriculture.



Trade and Taste

NEW

HLth, Sci, SS

GRADES 3 TO 6



FR

An interactive game that explores trade. Students collect cards to complete recipes while they learn what foods are imported, exported, and traded across the globe -and how Saskatchewan plays a vital role!



BOOKS

Devlin Saves a Lamb

ELA, Hlth, Sci

GRADES K TO 2



FR

Join Devlin the farmhouse dog and his family on their farm to learn about roles and responsibility. Students follow along as Devlin makes a mistake and must decide how to fix it, learning an important lesson.



A Harvest Story

ELA, Sci, SS

GRADES K TO 3



Created by Saskatchewan artists, this storybook poetically walks students through a day in the life of a farmer at harvest time. Students will better understand the pride that comes with producing food, and the importance of agriculture in our lives.

Blossom's Big Job

ELA, Hlth, Sci

GRADES K TO 3



FR

In this charming storybook, a hard-working bee encourages trust and perseverance while students learn about pollination and how honey is made. Companion materials include an animated story video.



Alex's First Seed

ELA, Hlth, Sci

GRADES K TO 3



A story about a little worm who helps to grow his first plant. This book will help students learn about the important role that worms play in maintaining healthy soil. Companion materials available.



BOOKS



Care

ELA, Sci, SS

GRADES K TO 3



A cute dog takes students on a journey around their family's farm to learn about the connection between animals, plants, technology, and people, as well as the importance of caring for animals.



Plant, Grow, Eat, Share

ELA, Hlth, Sci, SS

GRADES K TO 3



Follow Abby and Fabian as they work together to navigate the challenges of growing food in their classroom garden. In the process, they grow a special friendship and find a wonderful way to include new culture into their harvest celebration.

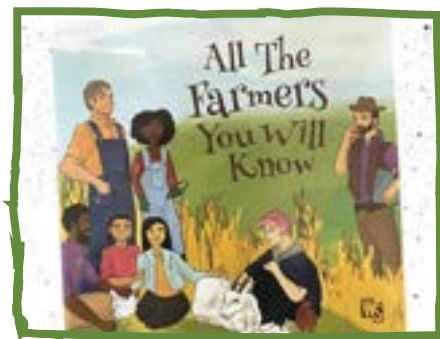
All The Farmers You Will Know

ELA, SS, Careers

GRADES K TO 6



Introduce your students to the wonders of the modern farm and the diverse farmers and families who work and live on them. From corn mazes to vertical farms, discover the many ways that food finds its way to our tables. Companion activities are available to extend the learning.



What's Growing Around Us?

ELA, Sci, SS

GRADES 2 TO 4



Follow Abby and her mom on a fieldtrip in the prairies to learn about where their food comes from! Students explore the crops and livestock that are grown and raised on the prairies. Activity Book available.



BOOKS

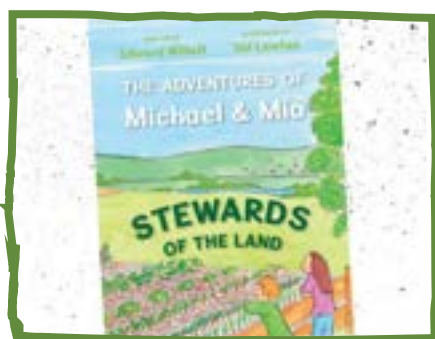
Reggie's Technology Adventure

ELA, Sci, SS

GRADES 3 TO 5



Join Reggie and his mom as they tour the countryside and learn about various ways the agriculture industry uses technology for a school project! Companion materials available.



The Adventures of Michael & Mia: Stewards of the Land

ELA, Sci, SS

GRADES 4 TO 6



Join Michael and Mia on a gardening and farming adventure! Your students will explore farm stewardship, sustainability, and modern farm practices and technologies through illustrations, photographs and infographics.



LESSON PLANS

Let's Eat: Plants!

Sci, SS

GRADES 3 TO 5



An interactive resource where students learn which grain, fruit, and vegetable crops are needed to make the foods they commonly eat. Plant parts as food ingredients are also investigated.



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



MINI UNIT PLANS



The Great Canadian Farm Tour: Seasons 1-4

Sci, SS

GRADES K TO 6



See what life is like for real Canadian farmers and learn about agriculture and food by taking your students on 10 virtual farm tours. An activity book engages students along the tour. Check under Programs for details on the upcoming Season 5!



Plants, People & Climate Change

Sci, SS

GRADES 3 TO 6



Students explore the interconnections between plants, people, and our planet. Lessons engage students in plant biology and processes, food waste, soil science, and the implications of climate change.



INFORMATIONAL RESOURCES

Foundations of Saskatchewan Agriculture

Sci, SS

GRADES 3 TO 4



A series of interactive courses and information sheets that explore the different crops grown and animals raised in Saskatchewan. PDFs include in-depth background information for teachers and fun, illustrated information for students.



ExploreSaskAg.ca

Sci, SS

GRADES 3 TO 7



An agriculture website for kids that brings the story of agriculture to life through interactive information, real photos, and colourful illustrations. Teacher lessons and activities included.



CLASSROOM GARDEN PROGRAMS

Little Green Sprouts

Province-wide

GRADES K TO 2 • FALL & SPRING

FR

A smaller-scaled classroom garden that will inspire hands-on learning and inquiry into food production, seeds, nutrition, soil science, and plant needs. In just a few weeks your students will plant, grow, harvest, and eat microgreens! Materials provided. Applications open September 2025 and January 2026.



Little Green Thumbs

Province-wide

GRADES 3 TO 6 • YEAR-ROUND

FR

A classroom gardening program that creates dynamic learning opportunities by growing food. Gardens are living laboratories where students can learn real life STEM skills while fostering critical thinking, collaboration, communication, and creativity. Training and equipment provided. Applications open March 2026 for the 2026/2027 school year.



IN-SCHOOL PROGRAMS

The Great Canadian Farm Tour: Season 5

Province-wide

GRADES K TO 6 • FALL

FR

An unforgettable opportunity to learn about Canada's agriculture and food story! Connect and interact virtually with real farmers from across Canada, and experience what it's like on their farm.



Virtual Food Farms

Province-wide

GRADES 3 TO 4 • FALL & SPRING

Students visit a series of fun virtual stations that include an engaging video, learning resources, and hands-on activity to explore food and agriculture. We provide a Learning Kit that includes the materials for the hands-on activities at each virtual station.





IN-SCHOOL PROGRAMS

Canadian Agriculture Literacy Month (CALM)

Province-wide

GRADES K TO 6 • MARCH

FR

Meet a local food hero! AITC-SK will coordinate a classroom visit from a local farmer or agriculture industry professional who will facilitate an engaging activity with your students and share about their role in producing food! Registration opens November 2025.



Classroom Presentations

Province-wide

GRADES K TO 6 • FALL & SPRING

A facilitated presentation that is fun, hands-on, and curriculum-aligned, right in your classroom! Students will be guided through an age-appropriate presentation exploring a relevant aspect of food production. We'll bring all the supplies and take care of the mess afterward!



Seed Survivor

Province-wide

GRADES 3 TO 5 • SPRING

Book the Seed Survivor mobile classroom to visit your school. Students learn about plant needs and soil nutrients through an engaging presentation, sunflower planting station, interactive games, and more.



Global Biotech Week Upcycled Art Poster Competition

Province-wide

GRADES 3 TO 6 • SEPTEMBER

Students are invited to participate in an art poster competition! Students will collect litter they produce over a week to incorporate into a nature poster – a plant, animal, landscape, etc. – that could be negatively impacted by the litter. A panel of artists and scientists will judge the posters and select winners for each age group.





IN-SCHOOL PROGRAMS

Canada's Agriculture Day Challenge

Province-wide

GRADES K TO 6 • SPRING

February 10, 2026, is Canada's Agriculture Day, and we want your classroom to join us in celebrating the food we love and the people who produce it! Complete one of the given challenges, and we will send each of your students a plantable bookmark.



OUT-OF-SCHOOL PROGRAMS

Farm & Ag Tours

Province-wide

GRADES K TO 6 • SPRING

An opportunity for your students to experience a farm or agricultural business first-hand! We will connect your students with people involved in producing food, so they can ask their burning questions about where food comes from.



Oats for Breakfast Nutrition Support Bursary

Province-wide

GRADES K TO 12 • SPRING

In partnership with SaskOats and Bob's Red Mill, we are offering bursaries to support in-school nutrition programs with oats and oat-based foods. Additionally, schools will receive nutritional information, learning modules, and a recipe card for students to take home. Applications open in Spring 2026.



Food Farms

Locations around the province

GRADES 3 TO 4 • FALL & SPRING

Experience the full cycle of farming! Students learn about where their food comes from by growing ingredients for familiar foods such as pizza, burgers, and fries. Grade 3 students plant crops in Spring and return to harvest them in Fall.





OUT-OF-SCHOOL PROGRAMS

Agribition Agri-Ed Program

Regina & area

GRADES 2 TO 5 • NOVEMBER

Students learn about where the food on their table comes from by visiting engaging sessions involving live animals, interactive activities, and more at Canadian Western Agribition.



Garden EXperience

Saskatoon & area

GRADE 3 • MARCH

Bugs, dirt, plants, birds, and seeds – so much fun for your students! Connecting directly with the science curriculum, this half day program will engage and excite your students as they get their hands dirty planting and learning how to compost.



AG EXperience

Saskatoon & area

GRADE 4 • OCTOBER

An action-packed day of exploring agriculture! Students interact with and learn about livestock, animal care, food production, and more by visiting engaging stations hosted by industry experts.



Harvest Showdown Education Program

Yorkton

GRADES 4 & 7 • NOVEMBER

Hosted by Yorkton Exhibition Association, students rotate through interactive stations to learn about livestock and animal care, food production, and Saskatchewan's agriculture industry through hands-on activities.

Discover the Farm

Swift Current

Host Partner: Swift Current
Agricultural and Exhibition
Association

GRADES 3 TO 5 • APRIL

Hosted by Swift Current Agricultural and Exhibition Association, students learn about farm animals, food production, farm safety, and agriculture in Saskatchewan by visiting engaging stations.

Register for programs at
www.aifc.sk.ca



FEATURED

Regina Food Bank: Food Hub Nutrition Program

Regina • YEAR-ROUND
GRADES 5 TO 9



OUT-OF-SCHOOL
PROGRAM



“The Food Hub Nutrition Program engaged the students and got them thinking about food accessibility and where our food comes from.”
- ALANA NELSON, TEACHER, PLAINSVIEW SCHOOL, REGINA.

Students work through stations exploring food groups and nutrition essentials, learning how to read and understand food labels, building meal plans and budgets, and understanding the journey of food from farm to table. In addition to the activities, students have the opportunity to ask questions and learn about the Regina Food Bank and discover its mission and impact on the community.

The Food Security Budget Game

HIth, Math, SS
GRADES 7 TO 9



LEARNING
KIT



“The students had fun playing the interactive game to learn about budgets and availability of food.”
- JANELLE PAPROSKI, TEACHER.

Students learn about food security and some of the causes of food insecurity both globally and at home. A simulated household budgeting exercise helps students explore how food fits into a household budget and incorporates real-world challenges that can affect budgets and food choices of families.



LEARNING KITS

Mission: Super-Human

Hlth, Sci

GRADES 6 TO 7



Students create a Super-Human to defeat villains that are trying to take over the food system. Through missions, students learn about healthy food, making healthy food choices, and interpreting food labels.



Trade and Taste

Hlth, SS

GRADES 6 TO 8



An interactive game that explores trade. Students collect cards to complete recipes while they learn what foods are imported, exported, and traded across the globe – and how Saskatchewan plays a vital role!

Soil Testing in the Schoolyard

Sci

GRADES 7 TO 9



Students are tasked with finding a nutrient-rich space in their schoolyard to grow plants! We provide supplies needed to perform the tests, a lesson plan, procedure documents, and background information.



The Food Security Budget Game

Hlth, Math, SS

GRADES 7 TO 9



Students learn about food security and some of the causes of food insecurity both globally and at home. A simulated household budgeting exercise incorporates real-world challenges that can affect budgets and food choices of families.



MINI UNIT PLANS

The Real Dirt on Farming

ELA, Hlth, Sci, SS

GRADES 7 TO 9



Students explore the newest edition of The Real Dirt on Farming with an e-learning resource to examine key topic areas of animal welfare, sustainability, agriculture policy, and more.





LESSON PLANS

Healthy Foods from Healthy Farms

Careers, Hlth, Sci, SS

GRADES 7 TO 8



A 3-part video takes students behind the scenes at local farms and processing facilities, making connections between food and the people who grow and process it.



INFORMATIONAL RESOURCES



ExploreSaskAg.ca

Sci, SS

GRADES 3 TO 7



An agriculture website for students that brings the story of agriculture to life through interactive information, real photos, and colourful illustrations. Teacher lessons and activities included.

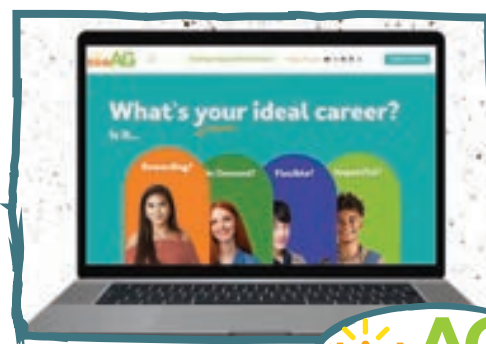
thinkAG Website

Careers

GRADES 5 TO 9



Students explore jobs tailored to their interests and preferences, helping find their purpose-driven career. Learning resources and experiences ignite interest in agriculture and food career journeys.



Kareero

Careers

GRADES 7 TO 9



Through the in-app or desktop development of a school garden, Kareero tracks student's choices and actions to reveal their interest areas. Used with the thinkAG website, Kareero helps students discover careers.



VIDEOS

Guardians of the Grasslands

Sci

GRADES 7 TO 9



A documentary that explores the current state of one of the world's most endangered ecosystems and the role that cattle play in its survival. A Teacher Guide provides viewing questions and extension activities.



FarmFood360° in the Classroom

Careers, Sci, SS

GRADES 7 TO 9



FarmFood360° is a series of virtual farm and processing facility tours throughout Canada. This e-learning resource provides questions to test the student's knowledge at the end of each tour.



IN-SCHOOL PROGRAMS



Make it Pork! Meal Kit

Province-wide

GRADES 7 TO 8 • YEAR-ROUND

Students will gain experience cooking with pork while practicing safe food handling guidelines, and learning about pork's nutritional qualities. This kit comes with all the ingredients needed and a student resource. In collaboration with Sask Pork.

Mission Explorium

Province-wide

GRADES 7 TO 9 • FEBRUARY

A 5-week competition for students to explore the UN pillars of sustainability and take on fun, curriculum related challenges. Each week students will be presented a mission in a video. Students must complete squad missions and associated quizzes to earn points that will let them compete with other classes across the country. Limited space, registration opens November 2025.

Classroom Presentations

Province-wide

GRADES 7 TO 9 • FALL & SPRING

A facilitated presentation in your classroom, inspiring learning on topics such as sustainability, careers, beef production, financial security, soil science, and more. Visit our website for presentation availability. Virtual presentations also available.



Register for programs at
www.aitc.sk.ca



OUT-OF-SCHOOL PROGRAMS

Farm & Ag Tours

Province-wide

GRADES 7 TO 9 • SPRING

An opportunity for your students to experience a farm or agricultural business first-hand! We will connect your students with people involved in producing food, so they can ask their burning questions about where food comes from.

Biotech Blast

Saskatoon

GRADES 7 TO 9 • MAY

A one-day program that will engage your students in science-related activities through hands-on, interactive sessions that are hosted by leaders in the fields of science and biotechnology. Students learn from dynamic presenters about today's agricultural innovations and the future of the agriculture industry.



Regina Food Bank: Food Hub Nutrition Program

Regina

GRADES 5 TO 9 • YEAR-ROUND

At the Regina Food Bank Food Hub, students work through stations that focus on exploring food groups and nutrition essentials, learning how to read and understand food labels, building meal plans and budgets, and understanding the journey of food from farm to table.

thinkAG Career Expos

Locations around the province

GRADES 5 TO 8 • FALL & SPRING

Students chat face-to-face with industry experts who will discuss their pathway into the agriculture and food industry, and what their day-to-day looks like now. Students can ask questions from experts in Food Science, Veterinary Medicine, Business, Biochemistry, and more! Find an Expo near you: Prince Albert (October), Regina (March).



Sask Food Story

Saskatoon

GRADES 6 TO 9 • OCTOBER

Your students will observe a working dairy barn with a robotic milking parlour, explore the Feeding the World interpretive Centre, try their hand at making a favourite food product, and play a food security game investigating the role that Saskatchewan farmers play in global food production.



FEATURED

Regina Food Bank: Food Hub Financial Literacy Program

Regina • YEAR-ROUND

GRADES 7 TO 12



OUT-OF-SCHOOL
PROGRAM



"I enjoyed watching the student groups ponder over how to best shop for each of their given case studies. They took the task to heart and considered costs and nutritional needs with care."

- LAUREL LABAR-AHMED, TEACHER,
REGINA PUBLIC SCHOOLS.

Students work in small groups on a food security case study where they will develop a monthly budget, participate in a grocery shopping simulation to practice making cost-effective food choices, and then create a balanced and nutritious meal plan. In addition to the activities, students will have the opportunity to ask questions and learn about the Regina Food Bank and discover its mission and impact on the community.

Cheesemaking Kits: Biology & Chemistry Connections

Sci, PAA

GRADE 12



LEARNING
KIT



"Enjoy some dairy discovery with these two newly available resources! Both labs will engage students with hands-on learning that is both educational and delicious."

- LINDSEY RUDD, SUSTAINABILITY
PROGRAM COORDINATOR, AITC-SK.

Explore the science of cheesemaking with two hands-on kits that bring food and STEM together. In **Biology & Cheese**, students investigate how enzymes and bacteria interact to form curds. In **Chemistry & Cheese**, students explore how different types of milk respond to changes in temperature and pH. Each kit includes materials and a structured inquiry lesson that supports observation, experimentation, and student-led discovery.



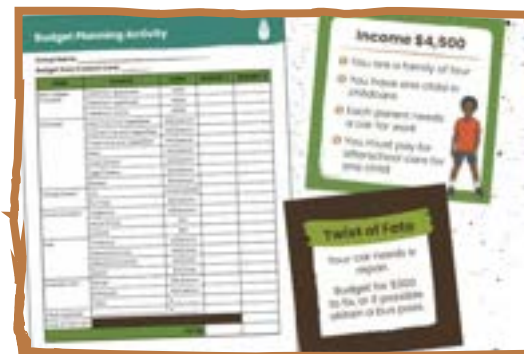
LEARNING KITS

The Food Security Budget Game

HLth, Math, SS
GRADES 9 TO 12



Students learn about food security both globally and at home. They will explore how food fits into a household budget through a simulated exercise that incorporates real-world challenges that can affect budgets and food choices of families.



Career Case

Careers, PAA, Sci
GRADES 9 TO 12



A gamified learning experience where students discover their personal interests and learn about careers in agriculture. Students will explore a variety of career descriptions to understand and identify the expertise needed to solve a given challenge.

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

Sci
GRADES 11 TO 12



Students explore sustainable agricultural practices and the technologies that support them. A revamped learning kit will be available Spring 2026. Replacement materials for the existing kit are still available to order.



Cheesemaking Kits: Biology & Chemistry Connections

Sci, PAA
GRADE 12



Explore the science of cheesemaking with two hands-on kits. In **Biology & Cheese**, students investigate how enzymes and bacteria interact to form curds. In **Chemistry & Cheese**, students explore how different types of milk respond to changes in temperature and pH. Materials provided.



MINI UNIT PLANS

The Real Dirt on Farming

ELA, Hlth, Sci, SS
GRADES 9 TO 12



Students explore the newest edition of The Real Dirt on Farming with an e-learning resource to examine key topic areas of animal welfare, sustainability, agriculture policy, and more.



Cooking Up Chicken

Careers, Hlth, PAA
GRADES 9 TO 12



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

Growing Green

ELA, Sci, SS
GRADES 9 TO 12



An interactive resource that explores the concepts of climate and climate change. Students will gain a better understanding of how climate change affects the real world by investigating its impact on agriculture, and proposing solutions to help farmers.



LESSON PLANS



Real Farm Lives

Hlth, PAA, Sci, SS
GRADES 10 TO 12



Drawing from CropLife's Real Farm Lives videos, these interactive and engaging resources on carrots, turnips and potatoes help students explore the value of Canada's agriculture and food system.

Pandemic Food Panic!

ELA, SS
GRADES 9 TO 12



Using a problem-based learning approach and real life examples, students will examine the impact COVID-19 had and continues to have on our food system while working through an interactive, online learning resource.





INFORMATIONAL RESOURCES

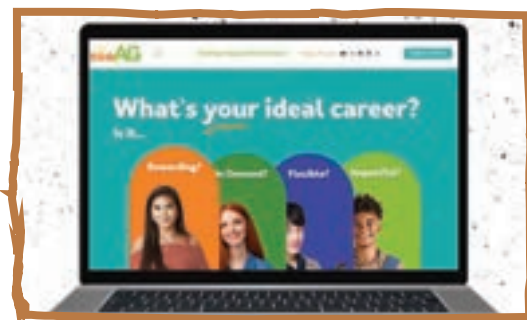
thinkAG Website

Careers

GRADES 9 TO 12



A one-stop shop for students to ignite interest in agriculture and food careers. Students explore jobs tailored to their interests and preferences helping find their purpose-driven career.



Kareero

Careers

GRADES 9 TO 12



Through the in-app or desktop development of a school garden, Kareero tracks student's choices and actions to reveal their interest areas. Used with the thinkAG website, Kareero helps students discover careers.



VIDEOS

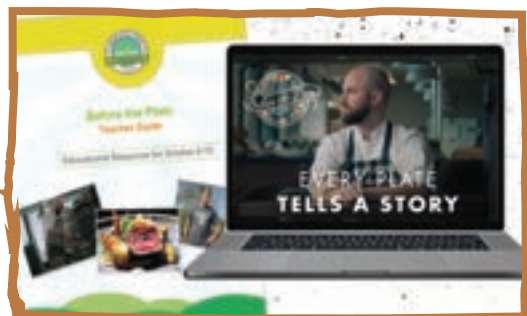
Guardians of the Grasslands

Sci

GRADES 9 TO 12



A documentary that explores the current state of one of the world's most endangered ecosystems and the role that cattle play in its survival. A Teacher Guide provides viewing questions and extension activities.



Before the Plate

Careers, 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 a comprehensive Student Guide and Teacher Guide.

FarmFood360°

Careers, Sci, SS

GRADES 9 TO 12



A series of Canadian farm and processing facility virtual tours. A Teacher Guide is also available that provides follow up questions to test your students knowledge and additional resources to extend learning.





IN-SCHOOL PROGRAMS

Classroom Presentations

Province-wide

GRADES 9 TO 12 • FALL & SPRING

A facilitated presentation in your classroom, inspiring learning on topics such as sustainability, careers, beef production, financial security, soil science, and more. Visit our website for presentation availability. Virtual presentations also available.



OUT-OF-SCHOOL PROGRAMS

thinkAG Career Expos

Locations around the province

GRADES 9 TO 12 • YEAR-ROUND

Students chat face-to-face with industry experts who will discuss their pathway into the agriculture and food industry, and what their day-to-day looks like now. Students can ask questions from experts in Food Science, Veterinary Medicine, Business, Biochemistry, and more! Find an Expo near you: Prince Albert & Swift Current (October), Regina (November), Saskatoon (February), Yorton (April).



Edible Enterprises

Province-wide

GRADES 10 TO 12 • SPRING



Students learn from agri-food entrepreneurs and gain hands-on cooking experience while exploring the food product development process from farm, through business and marketing, all the way to the consumer.



Farm & Ag Tours

Province-wide

GRADES 9 TO 12 • SPRING

An opportunity for your students to experience a farm or agricultural business first-hand! We will connect your students with people involved in producing food, so they can ask their burning questions about where food comes from.

Career Fairs

Province-wide

GRADES 9 TO 12 • YEAR-ROUND



Invite AITC-SK to your career fair! We will host a booth with a hands-on activity to engage students in discovering careers in agriculture and food! And at no cost. Request AITC-SK at your career fair, email lindsey@aitc.sk.ca.

Regina Food Bank: Food Hub Financial Literacy Program

Regina

GRADES 7 TO 12 • YEAR-ROUND

At the Regina Food Bank Food Hub, students work on a food security case study where they will develop a monthly budget, participate in a grocery shopping simulation to practice making cost-effective food choices, and then create a balanced and nutritious meal plan.

Food connects us all to agriculture.

Agriculture education provides the opportunity to create memorable learning experiences for students as they explore their personal connection to food and agriculture.

Let us help you meet curricular outcomes in a fun, engaging way.



www.aitc.sk.ca



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



3830 Thatcher Avenue,
Saskatoon, SK, S7R 1A5

We are
a proud
member of:

