



Champaign County
AG IN THE CLASSROOM
RESOURCE
CATALOG



VISION: We communicate the critical importance of agriculture to our community.

MISSION: We educate by bringing knowledge and understanding through our Ag in the Classroom program, by providing scholarships to our future ag leaders, and by fundraising to sustain these activities.



**LEARN MORE
ABOUT US**

Thank you for utilizing Champaign County Agriculture in the Classroom in your curriculum! We strive to provide unique, engaging, and accurate ag literacy resources to teachers and students. If you and your students enjoy our free hands-on activities and resources, ***please consider a donation to our AITC program*** so that we can continue to produce the lessons your students love.

DONATE NOW

TABLE OF **CONTENTS**



- LINK TO VIDEO



- LINK TO WEB



APPLES



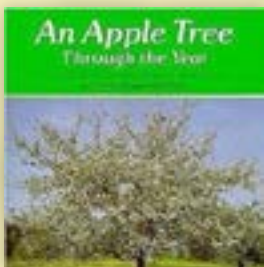
READING MATERIALS



Best for Grades: 3-8
Free Classroom sets of 30



Apples for Everyone
Nancy Elizabeth Wallace



An Apple Tree Through the Year
Claudia Schnieper



The Apple Orchard Riddle
Margaret McNamara and G. Brian Karas

HANDS-ON ACTIVITIES



Best for Grades: K-3
A is for Apple



Best for Grades: PK-1
Apple Lifecycle Charm



Best for Grades: 3-5
Artic Apple/Apple Chemistry

STEAM ACTIVITIES



Best for Grades: 4-5
What is grafting?



Best for Grades: K-3
20 Apple STEM Activities

RECOMMENDED LINKS

[Curtis Orchard & Pumpkin Patch](#)

[The Journey to Harvest Artic Apple](#)

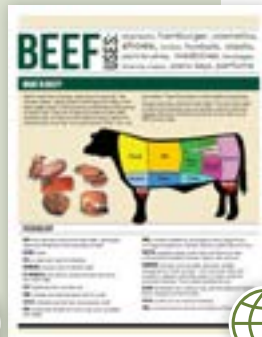
BEEF



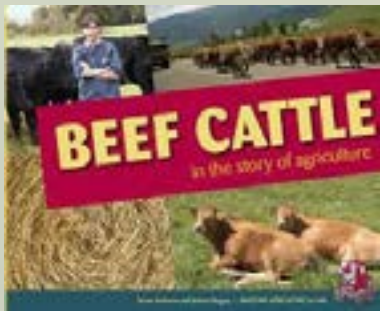
READING MATERIALS



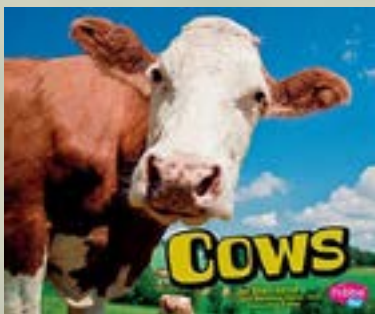
Best for Grades: 3-8
Free Classroom sets of 30



Awesome Agriculture Beef Cattle: An A-to-Z Book
Susan Anderson and JoAnne Buggey



Beef Cattle in the Story of Ag
Susan Anderson and JoAnne Buggey



Cows
Sheri Doyle

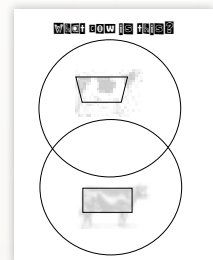
HANDS-ON ACTIVITIES



Best for Grades: 3-5
Bovine Shapes



Best for Grades: K-5
Beautiful Bovine



Best for Grades: 3-5
Beef/Dairy Cow Comparison

STEAM ACTIVITIES



Best for Grades: 9-12
A Tale of Two Burgers



Best for Grades: 1-4
Cowculations

RECOMMENDED LINKS

- [Beef Field Trip](#)
- [A Cow's Digestive System](#)
- [Illinois Beef Producers](#)
- [Beef, it's what's for dinner](#)

CAREERS



READING MATERIALS



Best for Grades: 3-8
Free Classroom sets of 30



Best for Grades: K-8
For purchase only visit: [American Farm Bureau Foundation for Agriculture](#)

HANDS-ON ACTIVITIES



Best for Grades: 6-8
Career Break-out Box



Best for Grades: K-3
Career Bingo



Best for Grades: 6-8
Name That Ag Career Cards

RECOMMENDED LINKS

- [Ag Explorer Virtual Field Trip](#)
- [AFB Foundation for Agriculture](#)
- [AFB Foundation Career Kit Guide](#)

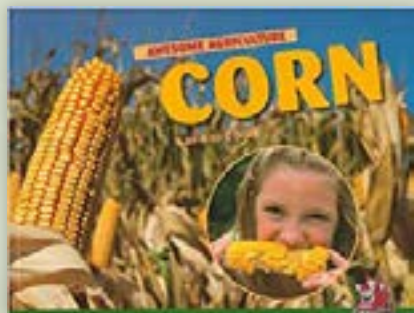
CORN



READING MATERIALS



Best for Grades: 3-8
Free Classroom sets of 30



Awesome Agriculture: Corn an A-to-Z Book
Susan Anderson and JoAnne Buggy



Popcorn Country
David R. Lundquist



Corn Harvest Belt
Raymond Bial

HANDS-ON ACTIVITIES



Best for Grades: 3-5
Get Popping!



Best for Grades: 4 & up
Corn Dissection page 15



Best for Grades: 4-6
Monocot/Dicot Comparison Lesson
(page 4)

STEAM ACTIVITIES



Best for Grades: K-4
Corn Starch Plastic



Best for Grades: 4-8
Ethanol in a Bag



Best for Grades: K-3
Disappearing Packing Peanuts

RECOMMENDED LINKS

[Illinois Corn](#)
[360 Farm Tour: Harvest Corn](#)

DAIRY



READING MATERIALS



Best for Grades: 3-8
Free Classroom sets of 30



Where Does My Lunch Come From
Chris Butterworth



Kiss the Cow
Phyllis Root



The Milk Makers
Gail Gibbons



HANDS-ON ACTIVITIES



Best for Grades: 3-7
Magic Milk



Best for Grades: K-2
Milk or Meat Beef or Dairy



Best for Grades: 9-12
Stacking Up Milk and
Milk Substitutes

STEAM ACTIVITIES



Best for Grades: K-12
Ice Cream in a Bag



Best for Grades: 3-6
Make Cheese



Best for Grades: K-6
Make Butter

RECOMMENDED LINKS

[ARMFOOD360°: Virtual Dairy Farm Tour](#)
[Midwest Dairy](#)

HISTORY



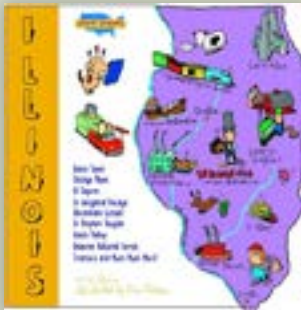
READING MATERIALS



Best for Grades: 3-8
Free Classroom sets of 30



Best for Grades: 3-8
Free from IDOT



Illinois
Erik Bruun

HANDS-ON ACTIVITIES



Best for Grades: 2-5
Illinois Charm



Best for Grades: 5-8
Illinois Logic Puzzle



Best for Grades: 3-5
Navigating Illinois

RECOMMENDED LINKS

[Illinois Department of Agriculture](#)
[The Illinois Chronicles Educators Guide](#)

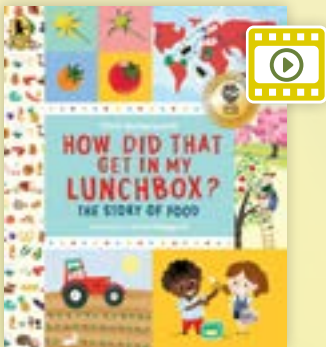
NUTRITION



READING MATERIALS



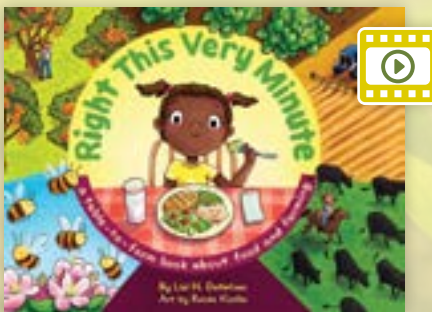
Best for Grades: 3-8
Free Classroom sets of 30



How Did That Get in my Lunchbox?
Lucia Gaggiotti



Hungry Planet
Peter Menzel and Faith D'Aluisio



Right This Very Minute
Lisl H. Detlefsen

HANDS-ON ACTIVITIES



Best for Grades: 1-2
Milk vs. Cola



Best for Grades: 3-5
My Illinois Plate



Best for Grades: 4-6
What the World Eats

RECOMMENDED LINKS

[Nutrition for Kids USDA](#)
[IL Where Fresh Is](#)

PIZZA



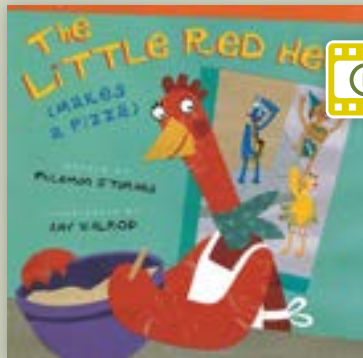
READING MATERIALS



Best for Grades: 3-8
Free Classroom sets of 30



Extra Cheese, Please!
Chris Peterson



The Little Red Hen Makes a Pizza
Philemon Sturges

HANDS-ON ACTIVITIES



Best for Grades: 4-8
Pizza Escape Box



Best for Grades: 3-5
Pizza Time!



Best for Grades: K-5
Your Pizza Came from the Farm

RECOMMENDED LINKS

[The Secret History of Pizza](#)

POLLINATOR



READING MATERIALS



Best for Grades: 3-8
Free Classroom sets of 30



The Honey Makers
Gail Gibbons



What if there were no bees?
Suzanne Slade



You Wouldn't Want to Live Without Bees!
Alex Woolfe

HANDS-ON ACTIVITIES



Best for Grades: K-1
Cheesy Pollinators



Best for Grades: 3-5
Pollination Simulation

STEAM ACTIVITIES



Best for Grades: K & up
Throw & Grow



Best for Grades: K & up
Sprouting Success in Illinois from North to South

RECOMMENDED LINKS

[The Great Pollinator Project](#)

[Pollinator Partnership](#)

PORK



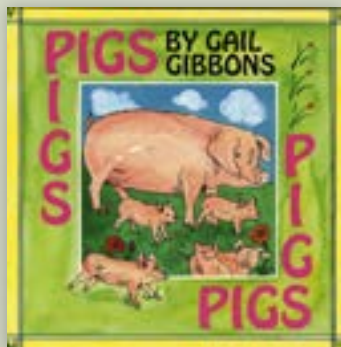
READING MATERIALS



Best for Grades: 3-8
Free Classroom sets of 30



Awesome Agriculture: Pigs an A-to-Z Book
Susan Anderson and JoAnne Buggiey



Pigs
Gail Gibbons



Pigs & Pork in the Story of Agriculture
Susan Anderson and JoAnne Buggiey

HANDS-ON ACTIVITIES



Best for Grades: K-2
This Little Pig



Best for Grades: 3-5
Truth or Hogwash



Best for Grades: 7-8
Which Little Pig?

STEAM ACTIVITIES



Best for Grades: 3-5
Pigs on the Farm



Best for Grades: 1-4
A Pig's Tale

RECOMMENDED LINKS

- [Illinois Pork Producers](#)
- [National Pork Producers](#)
- [Pork Lessons for Teachers](#)

POULTRY



READING MATERIALS



Best for Grades: 3-8
Free Classroom sets of 30



Chickens Aren't the Only Ones
Ruth Heller



Chicks and Chickens
Gail Gibbons

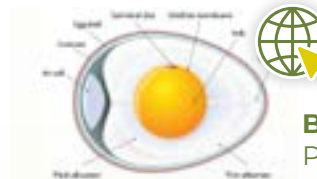


Egg to Chicken
Camilla de la Bedoyere

HANDS-ON ACTIVITIES



Best for Grades: K-2
Chicken Cluck Cup



Best for Grades: K-2
Parts of An Egg



Best for Grades: 1-3
Egg Anatomy

STEAM ACTIVITIES



Best for Grades: 3-5
Egg Drop



Best for Grades: 4 & up
The Incredible Chemical Egg



Best for Grades: 4 & up
The Incredible Volcanic Eggsity

RECOMMENDED LINKS

[Poultry Hub](#)
[Chicken Embryo Development](#)

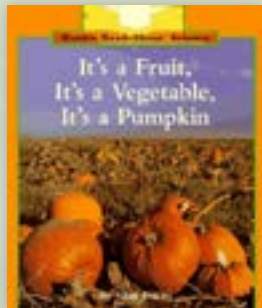
PUMPKINS



READING MATERIALS



Best for Grades: 3-8
Free Classroom sets of 30



It's a Fruit, It's a Vegetable, It's a Pumpkin
Allan Fowler



Pumpkin Jack
Will Hubble by Allan Fowler



Pumpkin Pumpkin
Jeanne Titherington

HANDS-ON ACTIVITIES



Best for Grades: K-3
Pumpkin Investigation



Best for Grades: K-3
Pumpkin Pie in a Bag



Best for Grades: K-2
Pumpkin Jack

STEAM ACTIVITIES



Best for Grades: 2 & up
Decomposing Pumpkin



Best for Grades: 4 & up
Pumpkin Spice

RECOMMENDED LINKS

[Libby's Pumpkin: Farm to Can](#)
[Illinois: The Great Pumpkin State](#)

SEASONS



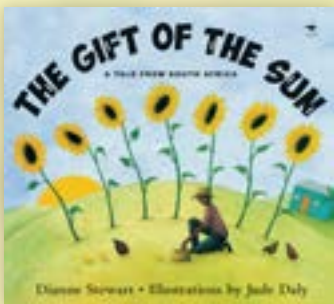
READING MATERIALS



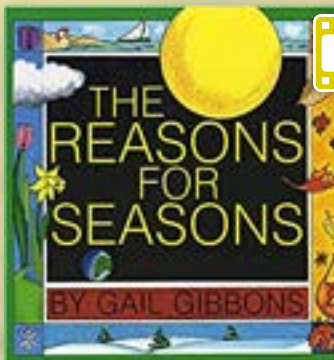
Best for Grades: 3-8
Free Classroom sets of 30



A Stroll Through the Seasons
Kay Barnham



The Gift of the Sun
Dianne Stewart



The Reason for the Seasons
Gail Gibbons

HANDS-ON ACTIVITIES



Best for Grades: K-5
Harvest Season Mobile



Best for Grades: 2-5
Homemade Weather Vane



Best for Grades: 1 & up
How to Draw Seasonal Veggies and Fruits

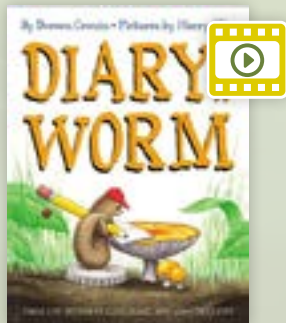
SOIL



READING MATERIALS



Best for Grades: 3-8
Free Classroom sets of 30



Diary of a Worm
Harry Bliss



Soil!
David L. Lindbo



The Great American Dust Bowl
Don Brown

HANDS-ON ACTIVITIES



Best for Grades: K-8
A Slice of Soil



Best for Grades: K-4
Edible Dirt Cup



Best for Grades: K-5
Soil Sam

STEAM ACTIVITIES



Best for Grades: 4 & up
Soil Erosion



Best for Grades: 3 & up
Soil Investigations



Best for Grades: K-5
Terrariums

RECOMMENDED LINKS

- [Nutrients for Life for Teachers](#)
- [The Dust Bowl PBS](#)
- [Natural Resources Conservation Service IL](#)

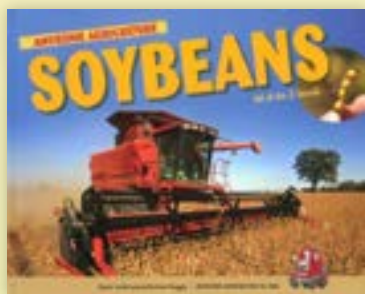
SOYBEAN



READING MATERIALS



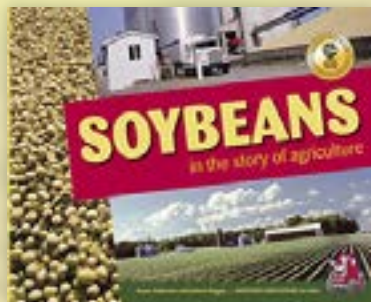
Best for Grades: 3-8
Free Classroom sets of 30



Awesome Agriculture: Soybeans An A-to-Z Book
Susan Anderson and JoAnne Buggy



Pod to Plate
Julie Blunier



Soybeans in the Story of Agriculture
Susan Anderson and JoAnne Buggy

HANDS-ON ACTIVITIES



Best for Grades: PK-3
Beanie Babies



Best for Grades: K-2
Soybean Lifecycle Model



Best for Grades: 2 & up
Soybean Lip Balm

STEAM ACTIVITIES



Best for Grades: 4-6
From Seed to Soy



Best for Grades: 4-6
Topsy-Turvy Soybeans



Best for Grades: 5 & up
"Bean"-ificial Math

RECOMMENDED LINKS

[IL Soybean Association](#)
[United Soybean Board](#)

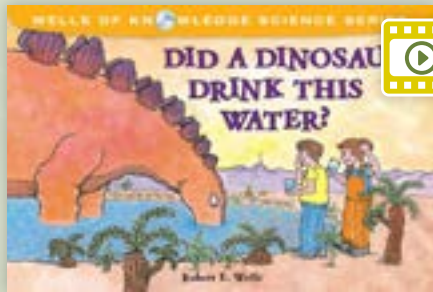
WATER



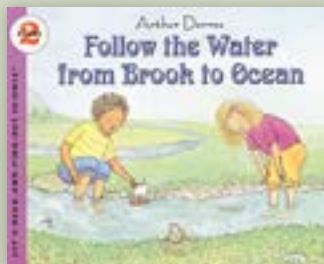
READING MATERIALS



Best for Grades: 3-8
Free Classroom sets of 30



Did a Dinosaur Drink this Water?
Robert E. Wells



Follow the Water from Brook to Ocean
Arthur Dorros

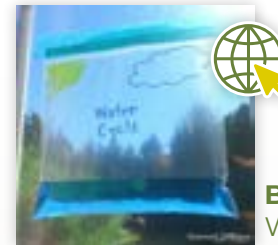


The Great Big Water Cycle Adventure
Kay Barnham

HANDS-ON ACTIVITIES



Best for Grades: 4-6
What in the World is a Watershed



Best for Grades: 2-6
Water Cycle Bag



Best for Grades: K-4
Water Cycle Bracelet

STEAM ACTIVITIES



Best for Grades: 3-5
Cloud Jar



Best for Grades: 2 & up
Don't Use It All Up

RECOMMENDED LINKS

[H2O-No!
The Water Cycle](#)

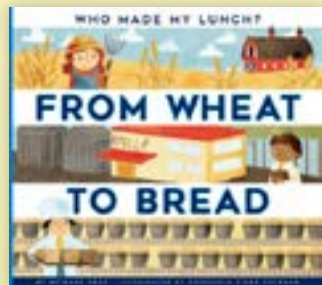
WHEAT



READING MATERIALS



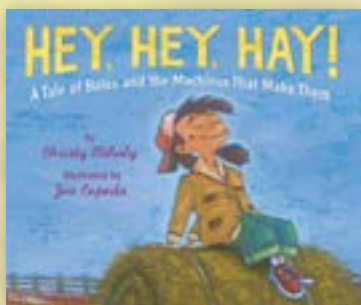
Best for Grades: 3-8
Free Classroom sets of 30



Who Made my Lunch? From Wheat to Bread
Bridget Heos



From Wheat to Pasta
Robert Egen



Hey, Hey, Hay!
Christy Mihaly

HANDS-ON ACTIVITIES



Best for Grades: 3-5
Wheat Milling



Best for Grades: K-3
William Wheathead

STEAM ACTIVITIES



Best for Grades: 3 & up
Bread in a Bag



Best for Grades: 5-8
Wheat: Ancient and Ageless

RECOMMENDED LINKS

[How Bread is Made](#)

[National Association of Wheat Growers](#)



EARTH DAY

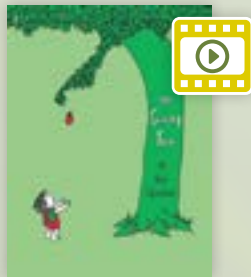
READING MATERIALS



Best for Grades: 3-8
Free Classroom sets of 30



Anywhere Farm
Phyllis Root



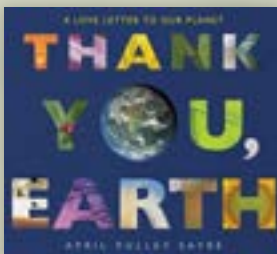
The Giving Tree
Shel Silverstien



Compost Stew
Mary McKenna Siddals and Ashley Wolff



Our Tree Named Steve
Alan Zweibel



Thank You, Earth
April Pulley Sayre



Gorilla Gardener
John Seven and Jana Christy

HANDS-ON ACTIVITIES



Best for Grades: 3-8
Plastic Bottle Planter



Best for Grades: K-4
Recycle Relay



Best for Grades: 5-8
Renew-A-Bead



Best for Grades: K-5
Tree Cookies



Best for Grades: 5-8
Tree Factory

STEAM ACTIVITIES



Best for Grades: 4-8
Anywhere the Wind Blows



Best for Grades: 3-6
Is it Hot in Here?



Best for Grades: 4 & up
The Answer is Blowing in the Wind!

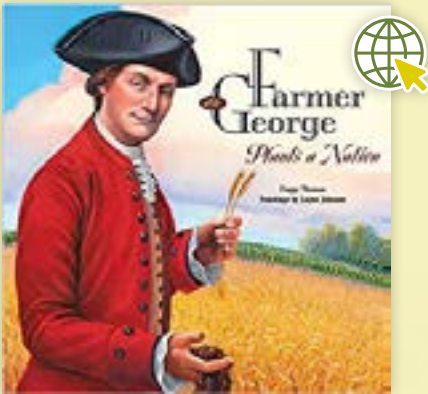
RECOMMENDED LINKS

[What is Plastic Pollution?](#)
[What is Pollution?](#)

LEADERS IN AG



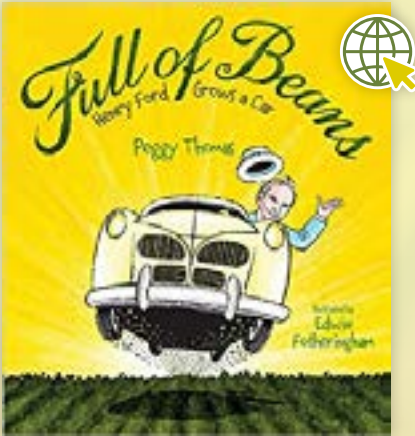
READING MATERIALS



Farmer George Plants a Nation
Peggy Thomas and Layne Johnson



John Deere, That's Who!
Tracy Nelson Maurer and Tim Zeltner



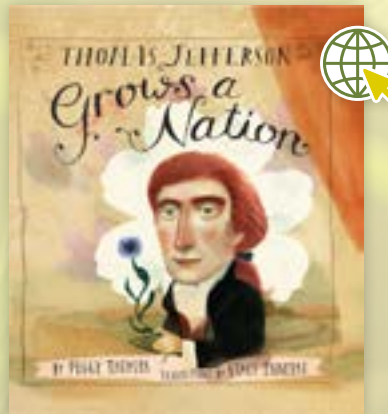
Full of Beans
Peggy Thomas and Edwin Fotheringham



The Girl Who Thought in Pictures
Julia Finley Mosca and Daniel Riele



George Washington Carver for Kids
Peggy Thomas



Thomas Jefferson Grows a Nation
Peggy Thomas and Stacy Innerst

OTHERS



HORSES



Best for Grades: 3-8
Free Classroom sets of 30



Best for Grades: K-8
IAITC Horse Resources



Best for Grades: 3-5
Horse and Rider

SHEEP



Best for Grades: K-2
Baa, Ram, Ewe, Sheep Tales



Best for Grades: 3-5
Counting Sheep or People



Best for Grades: 3-5
From Wool to Wheel

SPORTS



Best for Grades: K-6
Baseball Charm



Best for Grades: K-6
Football Charm

LEARNING BARN

CHAMPAIGN COUNTY FARM BUREAU LEARNING BARN



Interested in bringing agriculture to your pre-k through first grade students? Have our Learning Barn delivered to your school. It contains books, puzzles, games, farm equipment and other activities that all provide accurate information about how important agriculture is to our lives (foods, fuels, fibers).

Contact us for more information about delivery to your school. 217-352-5235.



ILLINOIS AITC LESSON BOOKLETS

Lesson booklets provide a wide range of hands-on activities centered around a theme. Activities included cover either math, science, ELA, or social studies. Each lesson states the objective, the appropriate grade level(s), the CCSS, the NGSS, and/or the National Standards for FCSE. Additional reading suggestions also accompany each lesson.

Additional Lesson Booklets can be found by following these links

- [All About Beef](#)
- [All Things Poultry](#)
- [Agriculture Careers](#)
- [An Ag in the Classroom Adventure: Graphic Novels, Comics, and Cartoons](#)
- [An Apple a Day](#)
- [A Bee's Life](#)
- [Born, Built, and Grown: Illinois Bicentennial](#)
- [Celebrating 50 Years of Earth Day](#)
- [Go Green](#)
- [How the Midwest Shapes the World](#)
- [IAITC Through the Seasons](#)
- [Making Cents of Agriculture](#)
- [Your Ticket to Family STEAM Night](#)

** Additional Lesson Booklets can be found by following this link**

AG IN THE CLASSROOM LINKS

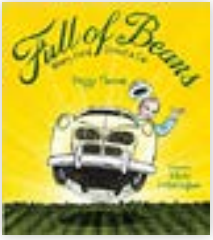
- [Illinois Ag in the Classroom](#)
- [National Ag in the Classroom](#)
- [American Farm Bureau Foundation for Ag](#)

ESCAPE BOX LESSONS

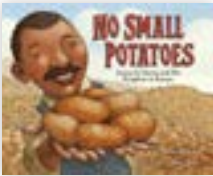
- [APPLE](#)
- [CAREER](#)
- [CORN](#)
- [DAIRY](#)
- [ILLINOIS](#)
- [NUTRITION](#)
- [PIZZA](#)
- [POLLINATION](#)
- [PORK](#)
- [SOIL](#)
- [SOYBEAN](#)
- [TURKEY](#)



AGRICULTURE BASED BOOKS



**Full of Beans
Henry Ford Grows a Car**
Author: Peggy Thomas
ISBN: 9781629795390
[Read Along Video!](#)



No Small Potatoes
Author: Tonya Bolden
ISBN: 9780385752763
[Read Aloud Video!](#)



The Extraordinary Gardener
Author: Sam Boughton
ISBN: 9781849765664
[Read Aloud Video!](#)



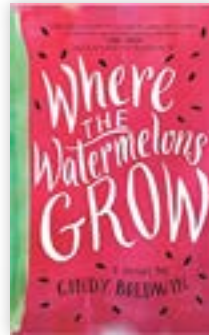
Saving Winslow
Author: Sharon Creech
ISBN: 9780062570727



A Home in the Barn
Author: Margaret Wise Brown
ISBN: 9780066237879
[Read Aloud Video!](#)



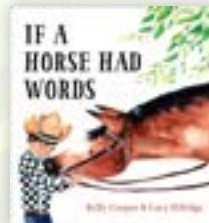
**Hey, Hey, Hay!
A Tale of Bales & the Machines
That Make Them**
Author: Christy Mihaly
ISBN: 97808233668



Where the Watermelons Grow
Author: Cindy Baldwin
ISBN: 9780373212538



Fat Girl on a Plane
Author: Kelly DeVos
ISBN: 9780373212538



If a Horse Had Words
Author: Kelly Cooper
ISBN: 9781101918722



**The Amazing Life Cycle
of Butterflies**
Author: Kay Barnham
ISBN: 9781438050423
[Read Aloud Version!](#)



**The Amazing Life Cycle
of Plants**
Author: Kay Barnham
ISBN: 9781438050430
[Read Along Video!](#)

AGRICULTURE BASED BOOKS



Bacon Pie
Author: Candace Robinson
ISBN: 9781773395968



Ellie, Engineer
Author: Jackson Pearce
ISBN: 9781681195193



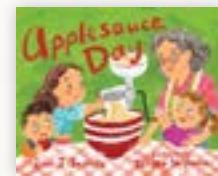
**The Art of Garden
Sowing Seeds of Creativity**
Author: Penny Harrison
ISBN: 9781925335590



Anywhere Farm
Author: Phyllis Root
ISBN: 9780763674991
[Read Aloud Video!](#)



A Seed is the Start
Author: Melissa Steward
ISBN: 9781426329777
[Read Aloud Video!](#)
(Finger Pointed)



Applesauce Day
Author: Liza Amstutz
ISBN: 9780807503928



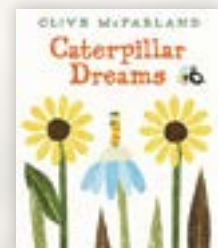
**Seed School
Growing Up Amazing**
Author: Joan Holub
ISBN: 9781633223745



The Bad Seed
Author: Jory John
ISBN: 978006246776
[Read Aloud Video!](#)

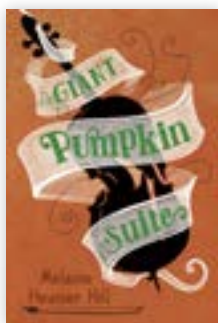


Undercover Chefs
Author: Erin Fry
ISBN: 9781947048140



Caterpillar Dreams
Author: Clive McFarland
ISBN: 978006236366
[Read Aloud Video!](#)

AGRICULTURE BASED BOOKS



Giant Pumpkin Suite
Author: Melanie Heuiser Hil
ISBN: 9780763691554



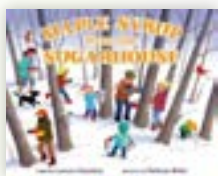
Flip the Bird
Author: Kym Brunner
ISBN: 9780544800854



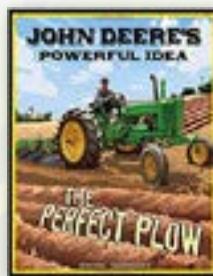
Hatching Chicks in Room 6
Author: Caroline Arnold
ISBN: 9781580897358



I Love This Tree
Author: Anna Claybourne
ISBN: 9781479571680



Maple Syrup from the Sugarhouse
Author: Laurie Lazzaro Knowlton
ISBN: 9780807579435
[Read Aloud Video!](#)



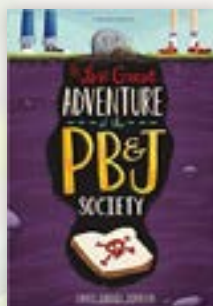
**John Deere's Powerful Idea
The Perfect Plow**
Author: Terry Collins
ISBN: 9781479571680
[Read Aloud Video!](#)



Pick a Pine Tree
Author: Patricia Toht
ISBN: 9780763695712
[Read Aloud Video!](#)



Please, Please the Bees
Author: Gerald Kelley
ISBN: 9780807551837
[Read Aloud Video!](#)



**The Last Great Adventure
of the PB and J Society**
Author: Janet Summer Johnson
ISBN: 9781623706364



Thank You Bees
Author: Toni Yuly
ISBN: 9780763692612
[Read Aloud Video!](#)



Plants Can't Sit Still
Author: Rebecca E. Hirsch
ISBN: 9781467780315
[Read Aloud Video!](#)

AGRICULTURE BASED BOOKS



Sleep Tight Farm
Author: Eugenie Doyle
ISBN: 9781452129013
[Read Aloud Video!](#)



Bee Dance
Author: Rick Chrustowski
ISBN: 9780805099195



The Inventor's Secret
Author: Suzanne Slade
ISBN: 9781580896672
[Read Aloud Video!](#)



The Popcorn Astronauts
Author: Deborah Ruddell
ISBN: 9781442465558

RECIPES FROM THE FARM



These recipes are fun and easy to make with kids. We recommend buying from Illinois farms.

SNACKS



Apple Cookies



Fresh Watermelon Cooler



Kettle Corn



Pig Feed Sack



Soy Nut Trail Mix

MEALS



French Toast



Harvest Ham Sandwich



Pizza Bagel



Stone Soup



Wheat Tortillas

RECIPES FROM THE FARM



SIDES



Creamy Cucumber and Tomato Salad



Fudge in a Bag



Pumpkin Cookies

OTHER



Making Chips from Corn



Corn-A-Goo



Marvelous Mac'N'Cheese



Corn Starch Play Dough

DESSERTS



Burger Snack



Pumpkin Slime



Cherry Pie in a Bag

TEACHERS JOIN CHAMPAIGN COUNTY FARM BUREAU TODAY!

WE LISTEN. WE CARE. WE SERVE.

Whether you are a teacher, grower, supplier, association, or consumer we encourage you to join. We believe diversity in our organization creates a more sustainable market for specialty crops.

WE

...empower farmers to effect change.

...establish strong partnerships.

...strive for excellence through integrity and transparency.

DISCOUNTS

JOIN NOW

I'M A TEACHER WHY SHOULD I JOIN FARM BUREAU?

THE AITC IMPACT

- Provides free resources for educators who teach grades preK-12
- Reaches 1,500 student in classrooms each month in all parts of Champaign County
- Creates awareness of the impact agriculture has on our daily lives
- Fosters truth and trust in modern agriculture
- Develops a more knowledgeable consumer

PROGRAM FEATURES

- Hundreds of FREE agriculture-related lessons and resources for teachers and students
 - Aligned to the Illinois State Learning Standards
 - Presented for engaging and rigorous learning
 - Accessed quickly and easily by using our digital catalog
- Customized classroom visits by a certified teacher
- Continuing education and professional development opportunities for educators

ADVOCACY

We advocate for Ag literacy, promote local food and global trade, champion hunger relief and awareness, support protection of natural resources, and promote sound science.



