

Hancock County

Agricultural Literacy Program

Resources List

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UNIVERSITY OF ILLINOIS
EXTENSION



Illinois
AGRICULTURE
in the ClassroomSM

Educators,

The resources in this list are available for free loan from the Hancock County Agricultural Literacy Program. To borrow a book, video or kit, simply call **217-357-2150** or e-mail me at ***dweinber@illinois.edu***. All items will be delivered to your school, usually within two days, provided they are not already out on loan to another teacher.

The purpose of the Hancock County Agricultural Literacy Program is to educate students and the general public about the importance of agriculture in their everyday lives.

In addition to loaning resources, I am available to present hands-on activities during classroom programs. Please contact me if you are interested in more information about presentations for your classroom.

**Dawn Weinberg, Coordinator
Hancock County
Agricultural Literacy Program**

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General Ag

A First Look at Animals on the Farm: Dramatic photographs, charming illustrations and informative text give children essential first facts about the animal kingdom. Simple text explains how animals live, eat and tend to their young. A short quiz in the back of each book lets children test their new animal knowledge.

Author: Diane James & Sara Lynn
Format: book

All Around the Farm: Packed with images and information, this brand-new tour of farm machines, farm animals, and farm life will transport children right to the field and the barn as they expand their vocabulary and understanding of where their food comes from.

Author: DK Publishing
Format: book

April Foolishness: It's a spring morning on the farm. Grandma is happy the grandkids are visiting—they've picked just the right day!—and Grandpa is fixing breakfast. Suddenly his grandson reports that the cows have got loose! He thinks Big Brown Bessie just stepped on a goose! "Good gracious," Grandpa says as he pours himself a glass of milk. When his granddaughter shouts the chickens are out, Grandpa cooks up some eggs. "Pigs broke the gate." Grandpa fries bacon. Why is Grandpa so cool? Because he knows the kids are trying to play an April Fool's trick!

Author: Teresa Batemena
Format: book

Barnyard Math with Farmer Fred: Teach Math Standards through Engaging Text. Repetitive, predictable story lines and illustrations that match the text provide maximum support to the emergent reader. Engaging stories promote reading comprehension, and easy and fun activities on the inside back covers extend learning.

Author: Sandi Hill
Format: book

Bartholomew and the Oobleck: Bored with rain, sun, fog, and snow, King Derwin of Didd summons his royal magicians to create something new and exciting to fall from the sky. What he gets is a storm of sticky green globs called Oobleck, which soon causes a royal mess. But with the assistance of the wise page boy Bartholomew, the king (along with young readers) learns that the simplest words can sometimes solve the biggest problems.

Author: Dr. Suess
Format: book

Big Farm Tractor: Vroom! Vroom! Vroom! The big farm tractor is working hard. It pulls through the fields. It drives over rough land. It can even rescue a horse! The tractor is the strongest truck on the farm.

Author: Mary Packard
Format: book

Big Red Barn: A rhythmic, rhyming story about a day at the barnyard. Readers will find all their farmyard favorites - roosters, cows, and horses - in this gentle tale.

Author: Felicia Bond

Format: book

Century Farm: The story of a 100-year-old family farm in Wisconsin is told in photographs and in anecdotes about the three generations of Petersons who have owned and farmed the land.

Author: Cris Peterson

Format: book

Click, Clack, Moo Cows That Type: Farmer Brown thinks it's odd when he hears typing sounds coming from the barn. But his troubles really begin when his cows start leaving him notes. First they demand better working conditions, then they stage a strike.

Author: Doreen Cronin

Format: book

Dooby Dooby Moo: Duck and his friends are at it again. But this time they're pooling their considerable resources to win a local talent show, because the first prize is a...trampoline! The cows want to sing. The sheep want to sing. The pigs want to dance. And Duck? Duck just wants to win that trampoline. But first he'll have to handle Farmer Brown!

Author: Doreen Cronin

Format: book

Down on the Farm: Down on the farm the roosters call, the horses neigh, the chicks won't sleep, the pig snouts "oink," and the cats powwow! Readers zip along the trail of one naughty little goat during a day in the life of a very busy, very noisy farmyard.

Author: Merrily Kutner

Format: book

Duck for President: My fellow Americans: It is our pleasure, our honor, our duty as citizens to present to you Duck for President. Here is a duck who began in a humble pond. Who worked his way to farmer. To governor. And now, perhaps, to the highest office in the land. Some say, if he walks like a duck and talks like a duck, he is a duck. We say, if he walks like a duck and talks like a duck, he will be the next president of the United States of America. Thank you for your vote.

Author: Doreen Cronin

Format: book

(Facts About) Farmers: Discusses such aspects of farming as commercial farms that use machines, small farms in undeveloped countries, food crops and what happens to them, factory farming, and dairy farming.

Author: Donna Bailey

Format: book

Fantastic Farm Machines: The day-to-day business of growing and harvesting crops for food is brought to dramatic life as children see farmers and their machinery hard at work. Farmers lifted and hauled, cut and chopped, plowed and planted, waters and mowed by hand or with horses and simple equipment--until the first tractor appeared. Now there are tractors with eight wheels and tires big enough to stand in, skid steers with buckets for lifting, and sprayers that look like huge prehistoric birds, as well as many other modern computerized farming machines. Here's a look at farm machinery in the modern age.

Author: Cris Peterson
Format: book

Farm: There is so much to look at and learn about on a farm - animals, tractors, crops, and barns; children feeding animals for morning chores! With lyrical writing and beautiful illustrations that capture the rhythms of the changing seasons, this book brings the farm to life.

Author: Elisha Cooper
Format: book

Farm Alphabet Book: Introduce your child to the alphabet with this book of colorful farm photographs. Each page features a farm creature or object -- from apple and bull to yolk and zipper -- that represents a letter. Simple sentences help explain the animal or object and allow your child to progress from letter recognition to reading full sentences as you read the book together again and again.

Author: Jane Miller
Format: book

Farm Life: By using colorful barns and counting, students will learn about some of the machinery and animals that are found on a farm.

Author: Elizabeth Spur
Format: book

Farm Machines: This book uses colorful photos and simple, leveled text to introduce children to the machines found on farms around the world.

Author: Nancy Dickmann
Format: book

Farmers: Describes different kinds of farmers, the food that they grow, the conditions under which they work, their tools and equipment, their problems, and the help they provide to their communities.

Author: Alice K. Flanagan
Format: book

Farming: Throughout the seasons on the farm, there is always something to be done. Springtime brings new life. As the day grows long in the summer, plants and animals grow. In autumn, it is time to harvest the ripe fruits and vegetables. When snow is on the ground in winter, remember soon spring will come again.

Author: Gail Gibbons
Format: book

Florida Farms at School: Come along with us on “Ag Day” and learn how students, farmers and teachers are bringing agriculture to our schools.

Author: Arlette Roberge

Format: book

Florida's Farm History: Travel through time with a safari guide to learn about the long and exciting history of farming in Florida.

Author: Arlette Roberge

Format: book

Going to Sleep on the Farm: "How does a cow go to sleep--tell me how?" a little boy asks, and his father replies, "A cow lies down in the soft sweet hay, in a cozy barn at the end of the day." In this tender bedtime story, each of the animals in the barnyard prepares for the night.

Author: Wendy Cheyette Lewison

Format: book

Grandpa's Tractor: Once, the farmer's best friend was a red tractor. Back then, the pastures were filled with cows, and the fields were full of corn. Today, the cows are gone and the rows of corn have been replaced with row after row of identical houses. Grandpa Joe brings his grandson Timmy back to the site of the family farm, where the old house and a ramshackle barn still stand. The visit evokes many memories for Grandpa Joe, which he shares with Timmy—in particular, the majesty of his own father's shiny red tractor, now rusting in the forgotten fields.

Author: Michael Garland

Format: book

Green Eggs and Ham: With unmistakable characters and signature rhymes, Dr. Seuss's beloved favorite has cemented its place as a children's classic. In this most famous of cumulative tales, the list of places to enjoy green eggs and ham, and friends to enjoy them with, gets longer and longer. Follow Sam-I-am as he insists that this unusual treat is indeed a delectable snack to be savored everywhere and in every way.

Author: Dr. Suess

Format: book

Growing Farm, School and Me!: The sixth grade students at Reiffton School in Reading, Pennsylvania wrote and illustrated this book. The book tells the history of the land that the school was built on and how the past and present are integrated into the school.

Author: Sixth Grade Students of Reiffton School in Reading, PA

Format: book

Growing Seasons: Based on the author's own experiences, this book explores what life was like on an Illinois family-run farm in 1906. The author explains the many chores she and her sisters had such as churning butter, canning fruits, working in the garden, and even making their own soap.

Author: Elsie Lee Splear

Format: book

Harry the Harvester: Follow Harry the Harvester through his first day of cutting green sugar cane.

Author: Lucia Forman

Format: book

Harvest Year: Harvest takes place all through the year in the U.S. There are carrots and pineapples in January, strawberries and salmon in April, green beans and watermelons in July, turkeys and peanuts in November. In a clear and concise text, readers are given a month-by-month sampling of the wide diversity and volume of crops grown throughout the U.S. An array of photographs capture the brilliant colors of the fields and orchards, the amazing variety of workers and machines, and an engaging assortment of children sampling foods from the year-round harvest.

Author: Cris Peterson

Format: book

Heartland: It is a land where wheat fields grow and cornfields stretch across the plains to create a patchwork quilt in hues of yellow, green, and brown; a land where herds of cattle graze in pastures draped in lush, green grass, and a newborn calf stands in the sun. And upon this land toils the farmer, strong and proud, whose weathered face tells a tale of a life of work that's never done. The Heartland -- a land where, despite man's power, nature reigns.

Author: Diane Siebert

Format: book

I Drive a Tractor: Describes and illustrates how a tractor is operated.

Author: Sarah Bridges

Format: book

If It Weren't for Farmers: Learn about all the things farmers do to grow food in this introductory science book.

Author: Allan Fowler

Format: book

I'm on the Tractor: An easy-to-read book that very simply takes students through the process of working the soil to plant and harvest crops. Discussion questions for parents/teachers at the end of the book.

Author: Teacher Created Materials

Format: book

Jobs on a Farm: This book uses colorful photos and simple, leveled text to introduce children to the jobs done on farms around the world.

Author: Nancy Dickmann

Format: book

Living Things: What do living things need to grow. Do they all eat and breathe the same?

Author: Judith Holloway & Clive Harper

Format: big book

Mr. Brown Can Moo! Can You?: Love this noise-filled Bright and Early Book classic from the one and only Dr. Seuss! Mr. Brown is a sound-making wonder! He can hoo hoo like an owl and buzz buzz like a bee. It is so much fun to make noises that you hear every day, like moo and tick-tock. But stranger sounds are fun to make, too . . . like the pip of a goldfish kiss and the grum grum of a hippo chewing gum. Encouraging imaginative play while learning to read, Mr. Brown Can Moo! Can You? will keep kids laughing (when they're not tick-tocking).

Author: Dr. Suess

Format: book

Mrs. Wishy Washy's Farm: Uh-oh. Mrs. Wishy-Washy is at it again. Rubbing and scrubbing all the animals on the farm. But this time they aren't standing for it. Duck, Cow, and Pig are leaving mean old Mrs. Wishy-Washy for good! They run away to the big city. But they get lost, wander into a restaurant, and even stumble into a hardware store and get covered in paint! Where is Mrs. Wishy-Washy when they need her? Maybe her farm isn't so bad after all . . .

Author: Joy Cowley

Format: book

Oink! Moo! How Do You Do?: Pig, cow, sheep, owl, and many other farmyard animals come together to eat the newly harvested apples and corn--until the farmer shoos them away.

Author: Grace Maccarone

Format: book

Old MacDonald: An illustrated version of the popular song.

Author: Amy Schwartz

Format: book

Old MacDonald had a Woodshop: Together with the other farm animals, Old MacDonald is building a surprise for the babies on the farm. Saw, drill, chisel, file, screwdriver, and paintbrush are operated by cat, goat, chicken, pig, cow, and dog. With a zztz zztz here and a tap tap there, there's a miniature toy farm being made—just for the baby animals. For any preschooler who likes tools and making things, Old MacDonald Had a Woodshop is sure to be a hit! E-I-E-I-O!

Author: Lisa Shulman

Format: book

On the Farm: This delightful picture book brings to life a busy day on a farm, from early in the morning when the rooster crows to when the tractor chugs home at night.

Author: Anna Milbourne & Alessandra Roberti

Format: book

Pooh's Fall Harvest: It's harvest season, and Rabbit asks all his friends to help him in his garden. They harvest ripe green squash, luscious red and green apples, round plump pumpkins, and all kinds of yummy things for a fall feast.

Author: Isabel Gaines

Format: book

Portrait of a Farm Family: At five o'clock every morning and five o'clock every evening the fifty-five cows on the Steidinger farm are milked. Milking is one of the dozens of chores, day in and day out, that are part of life for a farm family. But it's not all work; there is the satisfaction of self-sufficiency and a life lived independently for Dennis and Jane Steidinger and their eight children. Telling the Steidingers' story in both words and spirited photographs, Raymond Bial portrays a way of life and the individual lives of the members of this farm family.

Author: Raymond Bial

Format: book

Seasons on a Farm: This book uses colorful photos and simple, leveled text to introduce children to how changing seasons affect life on a farm.

Author: Nancy Dickmann

Format: book

Sun Up, Sun Down: Simple language and bold illustrations make this a fun and informative book about the sun.

Author: Gail Gibbons

Format: book

T.C. Cobb and the Cornstalk Riddles: It's the first day of summer vacation and the last thing T.C. Cobb is thinking about is reading a book. Summer vacation can be full of adventures, though, and today is no exception. Much to his surprise, T.C. finds a very special book that's been hidden in the attic for years, and it's full of mysterious riddles. Some are easy and some are hard, so T.C. recruits his friends to help him solve them. Together they have a day full of fun. Join T.C. and his friends to see if you can solve the riddles in this book - there are 21 riddles in all.

Author: Susan M. Pankey

Format: book

The Busy Harvest: An easy-to-read book that visits a flower farm, wheat farm, apple orchard and pumpkin farm to take a look at how each of these crops are harvested.

Author: Margaret Mooney

Format: book

The Butter Battle Book: The Yooks and Zooks share a love of buttered bread, but animosity brews between the two groups because they prefer to enjoy the tasty treat differently. The timeless and topical rhyming text is an ideal way to teach young children about the issues of tolerance and respect.

Author: Dr. Suess

Format: book

These Florida Farms: Travel over land and sea with a safari guide to understand the variety of agriculture products that come from Florida's farms and ranches.

Author: Gary Seamans

Format: book

Thump, Quack, Moo: It's time for the annual Corn Maze Festival. The farm is bursting with activity. Cluck! Whack! The chickens build a fence around the cornfield. Moo! Thwack! The cows give the barn a fresh coat of paint. Thump. Quack! Duck builds the ticket booth for the hot-air balloon ride. Everyone is excited. Well, Duck is not excited exactly. But he has a plan. As Farmer Brown designs the corn maze for the festival, duck does some designing of his own. Guess who's in for a big surprise?

Author: Doreen Cronin

Format: book

Tomorrow's Alphabet: A is for seed, B is for eggs, C is for milk -- what's going on here? The seed is tomorrow's Apple, the eggs are tomorrow's Birds, the milk is tomorrow's Cheese! Explore a wonderful world of possibility with an imaginative alphabet puzzle that encouraged young readers to look beyond the obvious.

Author: George Shannon

Format: book

Animal & Insects

All About Turkeys: The wild turkey is a uniquely American animal. With his clear, informative text and detailed watercolors, Arnosky explores the turkey's life cycle, habitat, and behavior with an immediacy kids love.

Author: Jim Arnosky
Format: book

All Pigs are Beautiful: With lots of expressive pictures of pigs, All Pigs Are Beautiful is a charmingly fresh, close-up look at this fascinating farm animal.

Author: Dick King-Smith
Format: book

Amazing Grazing: Take a field trip to today's beautiful American West and visit the ranches of three different families. Learn how each family strives to preserve and protect the land and water while making a living by raising beef cattle.

Author: Cris Peterson
Format: book

Beatrice's Goat: More than anything, Beatrice longs to be a schoolgirl. But in her small African village, only children who can afford uniforms and books can go to school. Beatrice knows that with six children to care for, her family is much too poor. But then Beatrice receives a wonderful gift from some people far away -- a goat! Fat and sleek as a ripe mango, Mugisa (which means "luck") gives milk that Beatrice can sell. With Mugisa's help, it looks as if Beatrice's dream may come true after all.

Author: Page McBrier
Format: book

Beef Cattle in the Story of Agriculture: Learn about the role beef cattle play in agriculture through production, processing, distribution, marketing, and consumerism.

Author: Susan Anderson & JoAnne Buggey
Format: book

Brave Dogs, Gentle Dogs: Like other livestock in the Rocky Mountains, sheep need protection from predators, such as coyotes and wolves. Guardian dogs help ranchers protect their flocks. But they are not the typical herding dogs, and they are not native to the region. The breeds were imported from Europe, where they have been guarding livestock for thousands of years. As puppies, they are placed in fleece and learn to identify with the smell of sheep. It isn't long before they meet their first sheep and mingle with the flock. With little training, the dogs instinctively know that their job is to keep a lookout for danger and now and then do some babysitting. This engaging photo-essay shows how guardian dogs form a bond with the sheep that lasts throughout the dogs' life.

Author: Cat Urbigit
Format: book

Caterpillar to Butterfly: Butterflies are all around us. It's hard to believe these majestic insects with impressive wingspans and beautifully colored and patterned wings were once creepy crawly caterpillars. How in the world does this transformation happen? This level 1 Reader gives kids an up-close look at exactly how a caterpillar becomes a butterfly. With bonus information including different types of butterflies and poisonous caterpillars, this reader is one of a kind.

Author: Laura Marsh

Format: book

Cattle Kids: A Year on the Western Range: Cowboys aren't necessarily boys, and they aren't necessarily grown-ups, either. In this lively photo essay, young readers will meet girls and boys who live a unique way of life on their families' cattle ranches. Cowgirls and cowboys take part in many aspects of livestock operations, from calving and branding to haying and rounding up the herd.

Author: Cat Urbigit

Format: book

Chicken said, "Cluck!": Earl and Pearl are planting pumpkins. Can Chicken find a way to help?

Author: Juydann Ackerman Grant

Format: book

Chickens Have Chicks: An introduction to the life cycle of chickens from birth as chicks, to adults, describing their appearance, feeding habits, and growth.

Author: Lynn M. Stone

Format: book

Clarabelle: Making Milk and So Much More: Following a day in the life of Clarabelle, one of 1,200 cows on a Wisconsin dairy farm, we learn what it takes for a cow to produce life-giving milk and also by-products like electricity. The manure that Clarabelle and her herdmates create not only generates electricity, it provides fresh bedding for cow stalls and fertilizer for the crops grown to feed the cows. Vibrant close-up photographs capture Clarabelle, her calf, and the youngest members of this multi-generational farm family, Josh and Sam, sharing the workload.

Author: Cris Peterson

Format: book

Cock-a-doodle-doo! Barnyard Hullabaloo: The rooster wakes the farm up with a cock-a-doodle-doo! The sheepdog won't stop barking, and the cows begin to moo! Children will love to explore the bright and noisy barnyard in this wonderful collection of poems.

Author: Giles Andreae

Format: book

Cow: 1. Where is the Brown Swiss cow from? 2. How much milk does a cow produce in a day? 3. Which one of the cow's four stomachs rhymes with "Yo! Chase 'em!?" The answers to these and many other questions about cows can be found in the amusing but factual book about, you guessed it, COWS!

Author: Jules Older

Format: book

Crazy for Ponies: Sixteen different breeds of horses are featured in this full-color book. There is a section on show ponies and ponies with jobs.

Author: Karen Briggs & Shawn Hamilton

Format: book

Diary of a Worm: This is the diary. Of a worm. This worm lives with his parents, plays with his friends, and even goes to school. But unlike you or me, he never has to take a bath, he gets to eat his homework, and because he doesn't have legs, he just can't do the hokey pokey – no matter how hard he tries.

Author: Doreen Cronin

Format: book

Duck on a Bike: One day down on the farm, Duck got a wild idea. "I bet I could ride a bike," he thought. He waddled over to where the boy parked his bike, climbed on and began to ride. At first he rode slowly and he wobbled a lot, but it was fun! Duck rode past Cow and waved to her. "Hello, Cow!" said Duck. "Moo," said Cow. But what she thought was, "A duck on a bike? That's the silliest thing I've ever seen!" And so Duck rides past sheep, horse, and all the other barnyard animals. Suddenly, a group of kids ride by on their bikes and run into the farmhouse, leaving the bikes outside. Now ALL the animals can ride bikes, just like Duck!

Author: David Shannon

Format: book

Farm Animals: Children learn about horses, pigs, cows, geese, sheep, and more. The text is written in easy-to-read rhymes and is illustrated with irresistible photographs. Three pages of fun learning activities are designed to both challenge and entertain new readers.

Author: Wade Cooper

Format: book

Farm Animals: This book uses colorful photos and simple, leveled text to introduce children to the animals found on farms around the world.

Author: Nancy Dickmann

Format: book

Farm Animals: Cattle: Readers will develop an understanding of the elements needed to properly care for cattle, including feeding, handling, grooming, training, and supplies. Readers will delve into the history and folklore of cattle, as well as gain valuable knowledge about its life cycle, adaptations, and breeds.

Author: Heather C. Hudak

Format: book

Farm Animals: Chickens: Take a close look at the life of chickens. You'll learn where they live, what they eat, how they sleep, and how they grow.

Author: Rachael Bell

Format: book

Farm Animals: Cows: Take a close look at the life of cows. You'll learn where they live, what they eat, how they sleep, and how they grow.

Author: Rachael Bell

Format: book

Farm Animals: Horses: Take a close look at the life of horses. You'll learn where they live, what they eat, how they sleep, and how they grow.

Author: Rachael Bell

Format: book

Farm Animals: Pigs: Take a close look at the life of pigs. You'll learn where they live, what they eat, how they sleep, and how they grow.

Author: Rachael Bell

Format: book

Farm Animals: Sheep: Take a close look at the life of sheep. You'll learn where they live, what they eat, how they sleep, and how they grow.

Author: Rachael Bell

Format: book

Farm Animals: Turkeys: Take a close look at the life of turkeys. You'll learn where they live, what they eat, how they sleep, and how they grow.

Author: Rachael Bell

Format: book

Farmer Duck: Farmer Duck isn't your average duck. This duck cooks and cleans, tends the fields, and cares for the other animals on the farm—all because the owner of the farm is too lazy to do these things himself. But when Farmer Duck finally collapses from exhaustion, the farmyard animals come to the rescue with a simple but heroic plan.

Author: Martin Waddell

Format: book

From Caterpillar to Butterfly: An introduction to the process of metamorphosis. Color illustrations accompany the text, which tells of a student group's observations of their pet caterpillar.

Author: Deborah Heiligman

Format: book

Gracias the Thanksgiving Turkey: When Papa sends a turkey to be fattened up for Thanksgiving, Miguel takes a liking to the friendly bird. Soon, Miguel and Gracias are going everywhere together. But Gracias isn't a pet—she's supposed to be a meal! With a little help from Abuelo, Abuela, and Tia Rosa, will Miguel be able to keep Gracias off the Thanksgiving table?

Author: Joy Cowle

Format: book

Grub to Ladybug: A grub does not look like its ladybug mother or father. Read and discover how a grub changes into a ladybug.

Author: Melvin & Gilda Berger

Format: book

Have You Seen Bugs: Discover how bugs communicate, hear, eat, and move. You will see how different insects live and why they are beneficial.

Author: Joanne Oppenheim

Format: book

Have You Seen My Duckling?: Mother Duck has lost one of her babies. She asks a variety of animals if they have seen her duckling. Students have the opportunity to see if they can find where the duckling is hiding.

Author: Nancy Tafuri

Format: book

Hide and Seek: Easy reader about a chick and worm playing hide and seek.

Author: Darleen L. Hunt

Format: book

Hooray for Dairy Farming!: This book, full of beautiful pictures and illustrations, discusses dairy farming, past and present, as well as how cows make milk, how the cows are milked and how that milk is transported.

Author: Bobbie Kalman

Format: book

Hooray for Sheep Farming! This full-color book introduces the farming of sheep for wool, covering such aspects as shearing, lambs, sheep dogs, wool processing, farm maintenance, and the proper care of sheep.

Author: Bobbie Kalman

Format: book

Horsepower: The Wonder of Draft Horses: Draft horses such as Clydesdales, Percherons and Belgians, are described in words and pictures and shown to be powerful co-workers on farms, past and present.

Author: Cris Peterson

Format: book

Horses: Young children will learn fascinating facts about horses, equipment, riding and more!

Author: Henri Galeron

Format: book

Horses: Kids will love following this little colt through his first two years of life in this very young nonfiction Pictureback that's simple and fun enough to be read as a story. Young horse enthusiasts will especially appreciate the horse vocabulary and care information.

Author: Monica Kulling

Format: book

Horses, Horses, Horses: A simple explanation of how horses are beautiful and useful animals.

Author: Allan Fowler

Format: big book

I'm a Turkey: Readers are invited for an up close and personal look at life with Tom the Turkey and his flock, who are always on the lookout for hungry animals. From takeoff to landing, to flocking, squawking, and fleeing from danger – this catchy spoken-word son is a hilarious way to learn fun facts about America's favorite big bird.

Author: Jim Arnosky

Format: book

It's a Good Thing There Are Insects: With striking full-color photos and minimal text, this book involves readers as they discover intriguing facts about insects and the world around them.

Author: Allan Fowler

Format: big book

Kiss the Cow: When a very curious little girl meets a cow named Luella who is even more stubborn than she is, who will be the first to back down? Phyllis Root's spirited tall tale finds a family of countless hungry children - and a magic cow who demands a kiss on the nose to keep the sweet milk flowing.

Author: Phyllis Root

Format: book

Ladybugs and Other Insects: Discover the pattern of a ladybug's spots, watch a ladybug lay eggs on a leaf, and see larvae turn into mature insects. Transparent pages animate the magic of insect development and habitat.

Author: Gallimard Jeunesse & Sylvia Peyrols

Format: book

Life on a Cattle Farm: How much does a bull weigh? How do calves get along with their mothers? And what on earth is Operation Fly Control? A young farmer describes what makes beef cattle farming so much fun and work for him and his father.

Author: Judy Wolfman

Format: book

Life on a Pig Farm: Just ask Alisha, a young farmer who raises pigs for her 4-H club. She'll show you the excitement of welcoming piglets into the world, the hard work of feeding and raising them, and the thrill of showing pigs at the fair.

Author: Judy Wolfman

Format: book

Milk From Cow to Carton: Readers take a guided tour that begins with grazing cows, proceeds through milking and a trip to the dairy, and ends with some different foods made from milk.

Author: Alike

Format: book

Monarch Butterfly: A nonfiction picture book account of the life of a monarch butterfly. Information covered includes stages of metamorphosis, physical characteristics, behavior, diet, and migration habits. Also included are instructions about raising a butterfly. Color drawings accompany the text.

Author: Gail Gibbons

Format: book

Mouse's First Spring: One bright day, Mouse and Momma head outside to play. The wind blows in something feathery and plump (a bird), something wiggly and pink (a worm), and something green that hops and leaps (a frog). But before it's time to go back inside, Mouse finds something with petals that's soft and new...the prettiest flower he's ever seen! Could it mean spring is finally here?

Author: Lauren Thompson

Format: book

My Cows: A young girl describes how she cares for the cows living on her farm.

Author: Heather Miller

Format: book

My Goats: A young boy describes how he cares for the goats living on his farm.

Author: Heather Miller

Format: book

My Horses: A young girl describes how she cares for the horses living on her farm.

Author: Heather Miller

Format: book

My Pigs: A young boy describes how he cares for the pigs living on his farm.

Author: Heather Miller

Format: book

My Sheep: A young boy describes how he cares for the sheep living on his farm.

Author: Heather Miller

Format: book

On Beyond Bugs! All About Insects: Find out all you ever wanted to know about insects when the Cat and company get an up-close view of life as a bug. Kids will learn how insects -- from the spittlebug to the honeybee to the moth -- see, smell, communicate, and pollinate, as well as sometimes pester and amaze and generally make life better for us humans. Catch the bugbuzz with the Cat in the Hat and all his friends!

Author: Tish Rabe

Format: book

One Duck Stuck: Down by the marsh, by the sleepy, slimy marsh, one duck gets stuck in the muck . . . Can two fish, tails going swish, help? What about three moose, munching on spruce? Bright, spirited illustrations by Jane Chapman enhance this one-of-a-kind counting tale by Phyllis Root - a feast of sounds and numbers that will have listeners scrambling to join in the slippy, sloppy fun.

Author: Phyllis Root

Format: book

One Hen: Inspired by true events, One Hen tells the story of Kojo, a boy from Ghana who turns a small loan into a thriving farm and a livelihood for many. After his father died, Kojo had to quit school to help his mother collect firewood to sell at the market. When his mother receives a loan from some village families, she gives a little money to her son. With this tiny loan, Kojo buys a hen. A year later, Kojo has built up a flock of 25 hens. With his earnings Kojo is able to return to school. Soon Kojo's farm grows to become the largest in the region. Kojo's story is inspired by the life of Kwabena Darko, who as a boy started a tiny poultry farm just like Kojo's, which later grew to be the largest in Ghana, and one of the largest in west Africa. Kwabena also started a trust that gives out small loans to people who cannot get a loan from a bank. One Hen shows what happens when a little help makes a big difference.

Author: Katie Smith Milway

Format: book

Pig: Humorous, informative text discusses the life of a pig--from splashing about in the mud to opening refrigerator doors. Readers meet various breeds, both wild and domestic, from all over the world. Adorable illustrations capture the swiney splendor of each pig.

Author: Jules Older

Format: book

Pig Gets Lost: Curly the baby pig is missing from Apple Tree Farm! Poppy and Sam help Mrs. Boot look for him. Where could that little pig be?

Author: Heather Amery & Stephen Cartwright

Format: book

Pigs: Megan is told to feed the pigs, but not to open the gate. She does of course, and the results are hilarious as the pigs help themselves to coffee and the newspaper at the breakfast table, follow Megan to school, and ride home by way of the school bus.

Author: Robert Munsch

Format: book

Pigs: Interesting facts about the smartest of all farm animals.

Author: Gail Gibbons

Format: book

Pigs Love Potatoes: One pig wants potatoes . . . then so does his brother . . . his sister makes it three pigs, and Papa makes four. Then there are the neighbors! Now all the piggies want potatoes, and soon it's one big potato party!

Author: Anika Denise

Format: book

Pony Pointers: Learning about basic horsemanship has never been so fun. Pony Pointers is packed with humorous illustrations and valuable tips about safety, care, and the handling of horses and ponies. Pony Pointers, and its simple tips, are an essential foundation you can use to build on for years to come.

Author: Kathy Bennett & Carol A. Peterson

Format: book

Quack and Honk: Briefly describes the physical characteristics and habits of ducks and geese.

Author: Allan Fowler

Format: big book

Questions and Answers About Bees: Do all bees look alike? How long does a bee live? How do honeybees make honey? What and where are "killer bees?" The answers are in this book! You can learn all about bees and how they live. There are many bee facts that will amaze you!

Author: Betty Polisar Reigot

Format: book

Raising Cows on the Koebels' Farm: On the Koebels' farm, Mr. and Mrs. Koebel and their three daughters raise cows. This book follows them through the process of feeding, cleaning, milking, and taking care of the Holsteins on their farm.

Author: Alice K. Flanagan

Format: book

Scoot!: While their neighbors in the pond . . .leap! lurch! scamper! and splash! six silent turtles sit still as stones. Will the turtles ever move? Read this book and find out. What are you waiting for? Scoot!

Author: Cathryn Falwell

Format: book

Smart, Clean Pigs: Briefly describes where pigs live, what they look like, and how they behave.

Author: Allan Fowler

Format: big book

Spider on the Floor: Arachnophobes, beware: there's a spider on the floor! A perfect silly song sure to delight and entertain toddlers everywhere, Raffi's latest board book is a welcome addition to the series. True Kelley's irresistible artwork is the perfect showcase for the busy spider who climbs up an old woman, and along the way, manages to ensnare lots of critters in its web, including a family dog, a snake, an alligator, a skunk, an octopus, an elephant, a moose, and even a dinosaur! Whew!

Author: Bill Russell

Format: book

T is for Turkey: Little ones will love learning about Thanksgiving in this alphabet book. Join in as the elementary school puts on a play that tells the true story of the first Thanksgiving. Rhyming couplets that flow through the alphabet help kids celebrate everything from Harvest to Pilgrims to Turkey.

Author: Tanya Lee Stone

Format: book

Thanks to Cows: Where do milk and milk products come from? Learn about the different parts of a cow's body, what they eat and how they are milked. Full-colored pictures.

Author: Allan Fowler

Format: big book

The Beeman: From the viewpoint of a child whose Grandpa is a beekeeper, this rhyming text offers an accessible and engaging introduction to the behavior of bees. You will learn where they live, how honey is made, what a beekeeper does, and more.

Author: Laurie Krebs and Valeria Cis

Format: book

The Bug Book: This is a colorful first book on insects for very young readers. Chock-full of interesting bugs, it treats the reader to surprising information. Did you know that flies have sticky feet and ants smell with their antennae? But watch out for the flea. Its mouth is built like a tiny needle!

Author: Kathy Kranking

Format: book

The Chicken or the Egg?: A brief look at the physical characteristics, breed, and habits of chickens and at how modern poultry farms produce eggs and chickens.

Author: Allan Fowler

Format: big book

The Cow in Patrick O'Shanahan's Kitchen: How now, milk cow? In this rib-tickling tale of a young boy faced with a very unusual breakfast guest, readers are treated to a deliciously humorous lesson in just where their next meal might come from. Join Patrick and his father as they face (and feast with) The Cow in Patrick O'Shanahan's Kitchen.

Author: Diana Prichard

Format: book

The Cow Who Clucked: Having lost her moo, Cow is stuck clucking. The only thing to do is go out and find that moo! Join Cow and her friends as they conduct their vocal barnyard search. Cow tramps through a wheat field and on into the starry night until she is too tired to look any farther. But in the end, Cow and her moo are reunited, and all is well.

Author: Denise Fleming

Format: book

The Crawly Caterpillar: This first nature book with rhyming text and realistic textures lets your child touch & learn about the miracles of nature. Feel the caterpillar as it grows, turns into a chrysalis, and changes into a beautiful pop-up butterfly.

Author: Judith Nicolls

Format: book

The Fox and the Springtime Blossoms: Fletcher loves everything about spring: listening to the birds sing, smelling just-opened flowers, and playing chase with butterflies. But then Fletcher sees something he never expected to see in spring: snow. Oh, no! But it turns out that spring has another surprise in store for Fletcher—a warm and wondrous one. Jump into spring with Fletcher and friends!

Author: Julia Rawlinson

Format: book

The Life of a Butterfly: The life cycle of a monarch butterfly is described from its egg stage through adulthood using wonderful photographs and simple text.

Author: Robin Bernard

Format: book

The Milk Makers: You probably drink milk at almost every meal. But have you ever wondered where it comes from? Cows eat special feed to make good milk. But after the cow is milked, there are still many steps the milk must go through before it reaches you. This book describes them all. And you'll be surprised to find how many other things you eat and drink come from milk, too.

Author: Gail Gibbons

Format: book

The New Pony: There's a new pony at Old Gate Farm, but why does she look so sad?

Author: Heather Amery & Stephen Cartwright

Format: book

The Perfect Nest: Jack the cat is building the perfect nest. It's bound to attract the perfect chicken, who will lay the perfect egg, which will make the perfect omelet. And sure enough, a chicken shows up ("¡Caramba!"), but so do a duck ("Sacré bleu!") and a goose ("Great balls of fire!"). Feathers get ruffled — and Jack gets much more than breakfast — in a funny tale rich in detail with a sweet final twist.

Author: Catherine Friend

Format: book

The Petting Farm Poster Book: Bring the barnyard home! When it comes to cuteness, baby farm animals are right up at the top of the list. The Petting Farm Poster Book features 30 pull-out posters, with beautifully reproduced, close-up images of adorable chicks, ducklings, goslings, kids, lambs, calves, foals, piglets, rabbits, goats, and more. The back of each poster includes fun facts and educational information about the animal’s breed, habits, and history. The pages can be read as a book first, then, with a gentle tug, turned into posters.

Author: Storey Publishing

Format: book

The True Story of the 3 Little Pigs: In this hysterical and clever fracture fairy tale picture book that twists point of view and perspective, young readers will finally hear the other side of the story of “The Three Little Pigs.”

Author: Jon Scieszka

Format: book

Tillie Lays an Egg: Unlike the other hens at Little Pond Farm, Tillie isn't one to wait her turn to lay her eggs. And she's certainly not one to stay cooped up all day. Off she goes!

Author: Terry Golson

Format: book

Turkey Trouble: Turkey is in trouble. Bad trouble. The kind of trouble where it's almost Thanksgiving . . . and you're the maincourse. But Turkey has an idea--what if he doesn't look like a turkey? What if he looks like another animal instead? After many hilarious attempts, Turkey comes up with the perfect disguise to make this Thanksgiving the best ever!

Author: Wendi Sivano

Format: book

Welcome to Our Farm: Bethany and Michael, two young farm children, take you on a tour of a modern hog farm.

Author: National Pork Producers Council

Format: book

What Lives in the Garden?: Here are honeybees, killer bees, butterflies, moths, grasshoppers, and hedge clippers, plus ants and wasps of many kinds. Here too are spiders and flies, mosquitoes and ladybugs, aphids, slugs, snails, and dragonflies. Some live behind bushes, or among flowers and grass, while others crawl beneath rocks, burrow underground, or swim in nearby ponds. For kids who are fascinated by bugs, the large and colorful books in this series describe insects, spiders, and an assortment of other creatures that creep, crawl, and fly—and that all live somewhere nearby. Descriptions are accompanied by much-enlarged color photos. Although kids will recognize many of the creepy-crawlies, they'll be inclined to think that some of the others are fugitives from a science fiction movie. Fortunately, many are harmless to people (some are actually beneficial), others are merely nuisances, and only a few are dangerous. In the pages of this volume, kids will discover them all.

Author: John Woodward

Format: book

Wild Horses: In the Black Hills of South Dakota lie eleven thousand acres of breathtaking rangeland and rimrock, canyons and pastures—home to more than three hundred wild mustangs. This preserve was the vision of one man—Dayton Hyde—who conceived of a place where wild horses could live and die in freedom and dignity. Stunning photographs and a richly eloquent text tell the story of Dayton's love of horses and the American West—and how he made this wildlife sanctuary become a reality. Readers will meet horses named Painted Lady and Medicine Hattie, among others. Every year colts are born and older horses die—returning to the earth as their bones are bleached in the sun. This heroic and inspirational tale is told in simple, lucid prose. Conservationists, wildlife advocates, and horse lovers of all ages will rejoice in this story, as well as in the glorious photographs throughout.

Author: Cris Peterson

Format: book

Wooly Sheep and Hungry Goats: Provides general information about sheep and goats and some of the products, such as cheese and wool, that we get from them.

Author: Allan Fowler

Format: big book

Crops & Commodities & Plants

A Seed in Need: Explore the natural world through simple text and friendly watercolor illustrations that explain beginning science concepts. This book is the perfect way for young readers to take a first look at the science around them. Enjoy the changing seasons through a year in the city. A colorful parade of inquisitive insects follows the progress of a sunflower seed in this first look at the life cycle of a sunflower.

Author: Sam Godwin
Format: book

Amazing Apples: Any way you slice it, an apple is amazing! This book will tell you about this very special fruit.

Author: Jeff Bauer
Format: book

Anna's Corn: A young girl named Anna finds a unique way to come to terms with the death of her grandfather in this picture book. Color illustrations accompany the text.

Author: Barbara Santucci
Format: book

Apple Picking Time: In the rich, warm colors of autumn, here's a slice of American history as we watch Anna and her extended family help with the town's traditional fall apple harvest.

Author: Michele Benoit Slawson
Format: book

Apple Seasons: Simple, concise book on changes of the apple tree during the different seasons.

Author: Gail Gibbons
Format: book

Apples: Simple text introduces apples, and instructions are given for making an apple pomander.

Author: Ann L. Burckhardt
Format: book

Apples and Pumpkins: When red and yellow leaves are on the trees, a little girl goes with her parents to a farm where they pick apples and choose the best pumpkin of them all. Back home, she helps to carve a grinning jack-o'-lantern face on the big orange pumpkin, which guards their doorstep on Halloween night while her mother hands out shiny red apples and she and her father go trick-or-treating with the neighborhood ghosts and goblins.

Author: Anne Rockwell
Format: book

At Grandpa's Sugar Bush: At his grandfather's farm, a young boy learns the tasks involved in making maple syrup the old-fashioned way. Rich oil paintings capture all the signs of spring's arrival in the sugar bush and highlight the loving relationship between the boy and his grandpa.

Author: Margaret Carney & Janet Wilson
Format: book

Autumn is for Apples: Sparse rhyming text details a child's impressions of a trip to go apple-picking, from the morning flapjacks to the last juicy bite of apple.

Author: Michelle Knudsen

Format: book

Big Red Apple: See how seeds grow into a tree! A tree with big red apples!

Author: Tony Johnston

Format: book

Corn: Provides an introduction to corn, its different parts, and how corn is grown and harvested. Includes instructions for making a corn husk wreath.

Author: Ann L. Burckhardt

Format: book

Corn: Popcorn, corn on the cob, corn dogs, cornflakes--corn is used in many children's favorite foods. This book offers a cornucopia of information about the history of corn as well as details concerning planting, cultivation, harvesting, and its many uses.

Author: Gail Gibbons

Format: book

Corn - On and Off the Cob: Briefly describes the differences between field corn, sweet corn, popcorn and Indian corn. Touches on how corn is grown, harvested, and used.

Author: Allan Fowler

Format: book

Corn Belt Harvest: The U.S. produces more than half the corn grown in the world and more than three-fourths of it is grown in the Corn Belt. Graceful text and brilliant color photos combine to describe corn planting, growth, careful use of fertilizer and crop protection products, harvest, storage and variety of uses.

Author: Raymond Bial

Format: book

Corn in the Story of Agriculture: Learn about the role corn plays in agriculture through production, processing, distribution, marketing, and consumerism.

Author: Susan Anderson & JoAnne Buggey

Format: book

Corn is Maize: The Gift of the Indians: Popcorn, corn on the cob, cornbread, tacos, tamales, and tortillas. All of these and many other good things come from one amazing plant. The story of corn is told: How Native American farmers thousands of years ago found and nourished a wild grass plant and made it an important part of their lives. They learned the best ways to grow and store and use its fat yellow kernels. Then they shared this knowledge with the new settlers of America.

Author: Aliki

Format: book

Cranberries: Fruit of the Bogs: A brief history of the “bog ruby”...reveals the berry’s versatility and importance to the Native Americans and the pilgrims. A tour of two cranberry farms in Wisconsin follows, with descriptions in clear, concise prose the activities that take place throughout the growing season.

Author: Diane L. Burns
Format: book

Cranberries: Fruit of the Bogs: Do cranberries grow on bushes? How do you know when an apple is ripe? Curious readers will enjoy taking trips into fields, orchards, and bogs to learn how crops are grown and harvested.

Author: Inez Snyder
Format: book

Different Things We Get From Plants: Explore the many items people use everyday come that come from plants.

Author: Colin Walker
Format: big book

From Cotton to T-Shirt: How does cotton turn into a soft T-Shirt? Follow each step in the production cycle – from growing cotton to wearing a comfy shirt.

Author: Robin Nelson
Format: book

From Kernel to Corn: How does a corn seed become corn on the cob? Follow each step in nature’s cycle – from planting to picking and eating!

Author: Robin Nelson
Format: book

From Kernel to Corncob: Have you ever eaten corn on the cob? Did you know that each of those little yellow kernels is a seed?

Author: Ellen Weiss
Format: book

From Plant to Blue Jeans: Describes the process of making blue jeans from the harvesting of cotton through the weaving of cloth and sewing the finished product.

Author: Arthur John L’Hommedieu
Format: book

From Seed to Plant: A nonfiction picture book introduction to how plants reproduce. Topics covered include pollination, seed dispersal, and plant growth.

Author: Gail Gibbons
Format: book

From Seed to Pumpkin: In the fall, pumpkins are everywhere: in the garden, in the supermarkets, and on doorsteps. But do you know how they grow from a tiny yellow seed to a big orange pumpkin?

Author: Wendy Pfeffer
Format: book

Fruits & Seeds: Up -close pictures and clues get readers thinking about the “big picture.”

Author: David M. Schwartz

Format: book

Gregor Mendel: The Friar Who Grew Peas: Regarded as the world’s first geneticist, Gregor Mendel discovered one of the fundamental aspects of genetic science: animals, plants, and people all inherit and pass down traits through the same process. Living the slow-paced, contemplative life of a friar, Gregor Mendel was able to conceive and put into practice his great experiment—observing yellow peas, green peas, smooth peas, and wrinkled peas to craft his theory—years before scientists had any notion of genes.

Author: Cheryl Bardoe

Format: book

Grow Flower Grow: Fran finds that flowers don’t like the same types of food that she does.

Author: Lisa Bruce

Format: book

Growing Pumpkins: Follow the pumpkin-growing process from preparing the field all the way to the jack-o-lantern.

Author: Melvin Berger

Format: big book

How a Seed Grows: How does a tiny acorn grow into an enormous oak tree? At one time, the tree in your backyard could have fit into your pocket!

Author: Helene J. Jordan

Format: book

How Do Apples Grow?: Have you ever eaten part of a flower? You have if you have eaten an apple! Find out how an apple grows from bud to flower to fruit—ready for you to pick!

Author: Betsy Maestro

Format: book

In the Garden: Explores the peas, potatoes, pumpkins, and other vegetables in a garden, as well as the insects and other animals that help them grow.

Author: David M. Schwartz

Format: book

It’s a Fruit, It’s a Vegetable, It’s a Pumpkin: Learn many interesting facts about pumpkins in this introductory science book.

Author: Allan Fowler

Format: book

Jack’s Garden: Come to the garden that Jack planted. You will see seeds and seedlings, buds and leaves. You will meet birds and bugs and butterflies. And best of all, you will watch the garden bloom!

Author: Henry Cole

Format: book

Lily's Garden: In January, Lily receives a box of fresh oranges from her grandmother in California. In February, Lily sends her grandmother maple syrup from the trees on her family farm in Maine. And so the year goes on through the pages of this warmly illustrated picture book--a calendar of the months, seasons, and holidays seen through the lens of things planted and harvested in Lily's garden.

Author: Deborah Kogan Ray
Format: book

Oh Say Can You Seed?: With the able assistance of the characters Thing One and Thing Two, the Cat in the Hat examines the various parts of plants, seeds, flowers, basic photosynthesis, pollination, and seed dispersal.

Author: Bonnie Worth
Format: book

One Bean: What happens when you plant just one little bean? A fundamental childhood experiment charmingly unfolds in this first science book about planting and observation.

Author: Anne Rockwell
Format: book

Patty's Pumpkin Patch: Rhyming text and illustrations featuring the letters from A to Z follow Patty as she plants pumpkins and watches them grow.

Author: Terri Sloat
Format: book

Perfect Pumpkins: Pumpkins can be big or small, short or tall, orange or white. You will learn a lot about pumpkins in this book.

Author: Jeff Bauer
Format: book

Picking Apples and Pumpkins: Emily Elizabeth's class goes on a field trip to a farm at harvest time. Clifford comes along. Find out how helpful a Big Red Dog can be!

Author: Liz Mills
Format: book

Planting a Rainbow: This educational and enjoyable book helps children understand how to plant bulbs, seeds, and seedlings, and nurture their growth.

Author: Lois Ehlert
Format: book

Plants on a Farm: This book uses colorful photos and simple, leveled text to introduce children to the plants found on farms around the world.

Author: Nancy Dickman
Format: book

Pumpkin Circle: We can be sure of this: It's a circle without end. It's pumpkin seeds to pumpkins To pumpkin seeds again! This treat of a picture book comes cloaked in the colors of fall. Bouncy verse and glowing photographs show a backyard pumpkin patch move through its natural cycle -- a bug's eye and a bird's high view of seeds sprouting, flowers blooming, bees buzzing, pumpkins growing . . .and then going back to earth.

Author: George Levinson

Format: book

Pumpkin Jack: Tim is thrilled to be carving his first pumpkin for Halloween. After the holiday, the pumpkin begins to rot so Tim puts it out as compost in the family's backyard. All through the fall and winter the pumpkin decays, but then in the spring it comes back--in the form of a brand-new pumpkin vine. Color illustrations accompany this look at the life cycle of a pumpkin.

Author: Will Hubbell

Format: book

Pumpkin Pumpkin: Jamie plants a pumpkin seed in the spring. He spends the summer watching it grow and grow and grow...until it's finally the perfect size for a Halloween jack-o-lantern. Young children will enjoy following the progress of Jamie's seed as it develops from sprout to harvest.

Author: Jeanne Titherington

Format: book

Pumpkins: From Halloween jack-o-lanterns to Thanksgiving pie, pumpkins brighten up autumn days in so many ways. But how much do you really know about this garden giant?

Author: Jacqueline Farmer

Format: book

Round the Garden: Traces the journey of a tear as it falls to the ground, evaporates, reappears as rain, and waters a garden to make an onion grow to produce more tears. Omri Glaser book Seeds Get Around Have you ever wondered how a plant got to a particular place? Find out the different ways that seeds can travel.

Author: Nancy White

Format: big book

Seeds Get Around: Have you ever wondered how a plant got to a particular place? Find out the different ways that seeds can travel.

Author: Nancy White

Format: big book

Soybeans in the Story of Agriculture: Learn about the role soybeans play in agriculture through production, processing, distribution, marketing, and consumerism.

Author: Susan Anderson & JoAnne Buggey

Format: book

Soybeans: An A to Z Book An item connected to soybeans for every letter of the alphabet.

Author: Susan Anderson & JoAnne Buggey

Format: book

Sunflower House: Sunflower seeds sown in a circle--and watered, weeded, and watched--eventually grow into a beautiful sunflower house with room inside for three friends and their imaginations. When summer's over, and the sunflowers fall, the friends save the seeds to plant next spring.

Author: Eve Bunting

Format: book

The Huckabuck Family and How They Raised Popcorn in Nebraska and Quit and Came Back:

In a picture-book version of the classic Rootabaga story, the Huckabucks pull up stakes after a fire starts and their enormous popcorn harvest pops them clear out of house and farm.

Author: Carl Sandburg

Format: book

The Magic School Bus Plants Seeds: Mrs. Frizzle’s class is growing a beautiful garden. But, Phoebe’s plot is empty. Her flowers are back at her old school! So, the class climbs aboard the Magic School Bus. And, of course, the kids don’t only go back to Phoebe’s school, but they go inside one of Phoebe’s flowers! Follow the kids’ adventure and learn how living things grow.

Author: Patricia Relf

Format: book

The Popcorn Book: This book presents a variety of popcorn facts and legends as well as two recipes.

Author: Tomie de Paola

Format: book

The Pumpkin Patch: From creamy white seeds to glowing jack-o-lanterns, this book charts the growth cycle of the ever popular pumpkin. The combination of informative text and rich, detailed photographs which burst with crisp autumn color makes this book a perfect pick for ghosts-and-goblins time—or any time.

Author: Elizabeth King

Format: book

The Season's of Arnold's Apple Tree: In a fun book that teaches about the changing seasons, Arnold enjoys the pleasures of his apple tree: its buds and blossoms in the spring, its sheltering boughs in summer, the tasty apples in the fall, and, in winter, the bare branches hold strings of popcorn and berries for the birds.

Author: Gail Gibbons

Format: book

The Seed Song: What does it take to make a seed grow? The Seed Song knows!

Author: Judy Saksie

Format: book

The Super Soybean: If there is any such thing as a “super” plant, that plant is the soybean. Used for an amazing variety of things—plastics, fuel, soap, and medicine—soybeans are also a healthy food source for animals and people.

Author: Raymond Bial

Format: book

The Surprise Garden: As the sun's warmth brings their garden to life, small children watch the small shoots become all kinds of tasty vegetables in eye-catching colors.

Author: Zoe Hall

Format: book

The Tiny Seed: The life cycle of a flower via the story of a small seed.

Author: Eric Carle

Format: book

This is the Sunflower: This book, based on the rhyme This is the House that Jack Built, explains the life cycle of the sunflower.

Author: Lola M. Schaefer

Format: book

Too Many Pumpkins: An elderly woman named Rebecca hates pumpkins because they remind her of the Great Depression when she and her family had nothing to eat but pumpkins. When an enormous pumpkin falls off a truck and smashes in her front yard, Rebecca covers up the pieces with dirt and forgets about them. However, the seeds from the pumpkin turn her yard into a pumpkin garden, and Rebecca finds herself, once again, surrounded by pumpkins.

Author: Linda White

Format: book

Tops & Bottoms: In this vertical format book, Hare turns his bad luck around by striking a clever deal with the rich and lazy bear down the road. The deal involves raising crops on the land and which part of the plant each partner wants.

Author: Janet Stevens

Format: book

Up, Up, Up! It's Apple Picking Time: The adventures of a young boy who helps out with the growing and picking of apples on his grandparents' apple farm.

Author: Jody Fickes Shapiro

Format: book

What Now, Kerbie?: This book describes Kerbie's journey as a corn seed from the bag, to the field to be planted, to the development of a plant, to harvest. Kerbie experiences include storms, pests, and much more.

Author: Joanne Kuster

Format: book

Why the Brown Bean Was Blue: Using rhyme, this book tells the story of a soybean from planting to harvest. It also showcases the many edible and nonedible soybean products that we use every day.

Author: Susan M. Pankey

Format: book

Zinnia's Flower Garden: Springtime is here, and Zinnia can't wait to plant her seeds and watch them grow. She carefully takes care of her garden, watering her plants, weeding, and waiting patiently for something to sprout. And soon enough, the first seedlings appear! With art just as colorful as a garden in bloom, young readers will enjoy watching Zinnia's beautiful garden grow, and may even be inspired to start one of their own.

Author: Monica Wellington

Format: book

Food & Nutrition

All in Just One Cookie: A tasty picture book about what goes into Grandma's chocolate chip cookies.

Author: Susan E. Goodman

Format: book

Apples: All about apples, from pollination to picking and eating.

Author: Gail Gibbons

Format: book

Bread Comes to Life: From a patch of wheatgrass in the backyard, readers get on a tour of bread made from scratch. A thresher, a grinder, and finally a doughy combination of flour, water, yeast, and oil combine to make a freshly baked loaf of whole wheat bread. Energetic, poetic text and vivid photographs show children that there's a lot more to this kitchen staple than they might expect.

Author: George Levenson

Format: book

Chocolate From Start to Finish: Discusses the origin, history, and ways of preparing and using chocolate.

Author: Samuel G. Woods

Format: book

Curious George and the Pizza: While at an Italian restaurant, Curious George tries to make himself a pizza. What will the chef think of George's activity?

Author: Margret & H.A. Rey

Format: book

Curious George Goes to a Chocolate Factory: George finds mischief in a chocolate factory when he gets separated from the tour group. Like always, George redeems himself by saving the day!

Author: Margret & H.A. Rey

Format: book

Curious George Goes to an Ice Cream Shop: There are so many colorful, delicious flavors of ice cream in Mr. Herb's store. Which should George try? Why not a scoop of everything? It doesn't take long for a mischievous monkey to make a mountain of a mess.

Author: Margret & H.A. Rey

Format: book

Extra Cheese, Please! When Annabelle gives birth to a calf, an amazing process begins. Now Annabelle can produce milk -- about 40,000 glasses of milk each year, or enough cheese to top 1,800 pizzas. Photographs document the cheese-making process -- starting on the farm where Annabelle's calf is born and milking begins, then moving to the cheese-making plant where the milk is heated and cooled, stirred and swirled, thickened, drained, and sliced, and finally packaged for stores. Informative text explains the process in a simple and engaging manner.

Author: Cris Peterson

Format: book

Food: A celebration of cultural differences, these beautifully illustrated cultural books give young readers a fascinating look at the music, clothes, dance, food, and homes of other people around the world. By comparing their own way of life with other children around the world, young readers will discover that different does not necessarily mean better or worse in our increasingly multicultural world. Our lifestyles often influence what and how we eat. This fascinating new book examines how food is grown, prepared, and appreciated by different cultures around the world. Children will be interested to learn why certain foods are more popular in certain parts of the world and why we eat the foods we do. Topics include: -- how food was produced and prepared throughout history -- how food gets from the farm to the table -- “fast” and “slow” foods -- taste -- an individual preference -- food festivals around the world -- offering food to the gods -- dangers of disease and genetic modification -- water and stimulating drinks.

Author: Fiona MacDonald

Format: book

Food Comes From Farms: This book uses colorful photos and simple, leveled text to introduce children to the food produced from farms around the world.

Author: Nancy Dickman

Format: book

Food: Apples: Readers follow apples as they make the journey from the farm to the dinner table, learning fascinating facts along the way. Readers learn where apples come from and how they are used around the world. They’ll discover how much they should eat and why it is good for them. A simple recipe is included at the end of the book.

Author: Louise Spilsbury

Format: book

Food: Corn: From the farm to the table, get a close-up look at the foods we eat, including how they are grown, processed, cooked, and eaten. Features include the Food Guide Pyramid for Young Children to highlight each food's place in a healthy diet, and simple recipes for the reader to try.

Author: Margaret Hall

Format: book

Food: Eggs: Readers follow eggs as they make the journey from the farm to the dinner table, learning fascinating facts along the way. Readers learn where eggs come from and how they are used around the world. They’ll discover how much they should eat and why it is good for them. A simple recipe is included at the end of the book.

Author: Louise Spilsbury

Format: book

Food: Honey: Readers follow honey as it makes its way from the farm to the dinner table, learning fascinating facts along the way. Readers learn where honey comes from and how it is used around the world. They’ll discover how much they should eat and why it is good for them. A simple recipe is included at the end of the book.

Author: Louise Spilsbury

Format: book

Food: Milk: Readers follow milk as it makes its way from the farm to the dinner table, learning fascinating facts along the way. Readers learn where milk comes from and how it is used around the world. They'll discover how much they should consume and why it is good for them. A simple recipe is included at the end of the book.

Author: Louise Spilsbury

Format: book

Food: Pasta: Readers follow pasta as it makes its way from the farm to the dinner table, learning fascinating facts along the way. Readers learn where pasta comes from and how it is used around the world. They'll discover how much they should eat and why it is good for them. A simple recipe is included at the end of the book.

Author: Louise Spilsbury

Format: book

Food: Potatoes: Readers follow potatoes as they make the journey from the farm to the dinner table, learning fascinating facts along the way. Readers learn where potatoes come from and how they are used around the world. They'll discover how much they should eat and why they are good for them. A simple recipe is included at the end of the book.

Author: Louise Spilsbury

Format: book

Food: Pumpkins: Readers follow pumpkins as they make the journey from the farm to the dinner table, learning fascinating facts along the way. Readers learn where pumpkins come from and how they are used around the world. They'll discover how much they should eat and why they are good for them. A simple recipe is included at the end of the book.

Author: Ernestine Giesecke

Format: book

Food: Rice: Readers follow rice as it makes the journey from the farm to the dinner table, learning fascinating facts along the way. Readers learn where rice comes from and how it is used around the world. They'll discover how much they should eat and why it is good for them. A simple recipe is included at the end of the book.

Author: Louise Spilsbury

Format: book

From Cow to Ice Cream: Describes in photographs and brief text the steps involved in making ice cream.

Author: Bertram T. Knight

Format: book

From Flower to Honey: How is honey made from a flower? Follow each step in nature's cycle—from pretty bloom to tasty treat—in this fascinating book!

Author: Robin Nelson

Format: book

From Peanuts to Peanut Butter: Follow peanuts from planting in the field to harvest to being turned in to one of the most popular children’s foods, peanut butter.

Author: Melvin Berger
Format: big book

Hold the Anchovies! Chewy or crispy, smothered in cheese and tomato sauce, covered by mushrooms and maybe some peppers or pepperoni (but hold the anchovies!) - no matter how you slice it, pizza is every kid’s favorite food. Mouthwatering photographs and a crisp, engaging text take the reader step-by-step through the pizza-making process—from wheat fields and tomato vines to steaming ovens and happy faces. To top it all off, there’s a delicious pizza recipe included at the end!

Author: Shelley Rotner & Julia Pemberton Hellums
Format: book

How Did That Get in My Lunchbox?: One of the best parts of a young child’s day is opening a lunchbox and diving in. But how did that delicious food get there? From planting wheat to mixing dough, climbing trees to machine-squeezing fruit, picking cocoa pods to stirring a vat of melted bliss, here is a clear, engaging look at the steps involved in producing some common foods.

Author: Chris Butterworth
Format: book

I Will Never Not Ever Eat a Tomato: Two endearing siblings star in this witty story about the triumph of imagination over proclivity.

Author: Lauren Child
Format: book

Make Me a Peanut Butter Sandwich (and a glass of milk): A look at what goes into the making of a peanut butter sandwich shows readers how the bread dough is mixed, rises, and bakes, and describes how peanuts are grown, harvested, crushed into peanut butter, and jarred.

Author: Ken Robbins
Format: book

Make Mine Ice Cream: I scream! You scream! We all scream for ice cream! But do you know how ice cream is made? Find out as you follow milk from the dairy to the ice cream factory to the store where you can buy it.

Author: Melvin Berger
Format: big book

Mrs. McNosh and the Great Big Squash: Nelly McNosh once again gets more than she bargained for when she plants an apparently harmless seed in her garden. The squash grows so quickly that it wreaks havoc. How will Mrs. McNosh stop the uncontrollable squash?

Author: Sarah Weeks
Format: book

Oh, the Things You Can Do That Are Good for You! The Cat in the Hat takes young readers to a Seussian Spa where they learn the basics of healthy living. Updated with the assistance of the Partnership for a Healthier America, the Cat explains the importance of eating right (based on the latest USDA MyPlate recommendations); staying active; getting enough sleep; handwashing; brushing and flossing; wearing protective gear when playing sports--even the best way to sneeze when you don't have a tissue handy!

Author: Tish Rabe

Format: book

One Potato, Two Potato: Mr. and Mrs. O'Grady are so poor they have just one of everything to share - one potato a day, one chair, one blanket full of holes, and one gold coin for a rainy day. After digging up the last potato in their patch, Mr. O'Grady comes upon a big black object. It's a pot - no ordinary pot, for what they soon discover is that whatever goes into it comes out doubled! Suddenly the O'Grady's aren't destitute anymore. But what they really long for is one friend apiece. Can the magic pot give them that?

Author: Cynthia DeFelice

Format: book

Orange Juice: From Farm to Table: From the orange grove to the grocery store, see how oranges are turned into the juice we love to drink!

Author: Brenda Parkes

Format: book

Pasta, Please! Follow wheat from the field through processing into flour, dough and pasta in many shapes and colors that make this such a fun food to eat!

Author: Melvin Berger

Format: big book

Pizza Counting: These pizzas have all the right ingredients. Pepperoni, cheese, and onions make a purr-fect pizza cat. Is it time for a clock pizza made of sausages and peppers? Count the toppings on these pizza masterpieces, then divide them up into filling fractions. Zesty pizza facts add to the flavorful fun.

Author: Christina Dobson

Format: book

Pizza Party: Enjoy this rhyming book about a party of kids making a pizza.

Author: Grace Maccarone

Format: book

Pizza Pat: Pizza is fun to make. Pizza Pat stretches the floppy dough, puts on the gloppy tomatoes, adds the sloppy sausages, sprinkles on the cheese, and then pops it in the oven. But just before he cuts into his delicious pizza pie, he turns his back for one second--and the pizza disappears! A gang of hungry mice have taken Pat's irresistible creation away for themselves. Kids love pizza, and this cumulative Step 1 book, based on the poem "The House That Jack Built", will whet their appetites for both pizza and books!

Author: Rita Golden Gelman

Format: book

Popcorn: A big pot, some heat, and lots of popcorn. . . . When the corn starts popping, the fun gets hopping for a boy, a girl, and their grown-up pals, who tend the stove. But when will the popping stop?

Author: Alex Moran
Format: book

Popcorn!: Pull up a chair and dig in! POPCORN is chock-full of tidbits about one of America's favorite snack foods. Learn what makes popcorn pop, how Native Americans liked their popcorn, and how television almost wiped out popcorn's future. Cooking tips, recipes, and resources included.

Author: Elaine Landau
Format: book

Tasting Things: A simple introduction to the sense of taste.

Author: Allan Fowler
Format: big book

The Little Red Hen: Little Red Hen is a time-tested cautionary tale about how we reap what we sow. When the hen asks a cat, dog, and mouse for help planting some wheat, she gets no takers: "'Not!!' said the cat. 'Not!!' said the dog. 'Not!!' said the mouse." They won't water, cut, or grind the wheat . . . or help bake a cake with it, either. So guess who eats the cake by herself in the end?

Author: Paul Galdone
Format: book

The Little Red Hen (Makes a Pizza): The familiar story of the Little Red Hen is given a fresh new twist as she goes through the process of making a pizza--with no help from her friends, of course. In the end, though, the little hen's friends come through in a refreshing and surprising way.

Author: Philemon Sturges
Format: book

The Vegetable Show: A host of animated vegetables introduce children to the basics of healthy eating while performing circus acts with Eeny-Weeny Zucchini, the strongest squash on Earth; Bud the Spud, a magician; and the acrobatic Tip-Top Tomato Twins.

Author: Laurie Krasny Brown
Format: book

The Vegetables We Eat: Who knew there were so many different kinds of vegetables? From glossy red peppers to lush, leafy greens to plump orange pumpkins, vegetables are explored in depth in this fascinating picture book that clearly explains the many vegetable varieties, how they are grown, and why they are so good for us to eat.

Author: Gail Gibbons
Format: book

What I Eat: Around the World in 80 Diets: In this fascinating study of people and their diets, 80 profiles are organized by the total number of calories each person puts away in a day. Featuring a Japanese sumo wrestler, a Massai herdsman, world-renowned Spanish chef Ferran Adria, an American competitive eater, and more, these compulsively readable personal stories also include demographic particulars, including age, activity level, height, and weight.

Author: Peter Menzel & Faith D'Alusio

Format: book

Where Does Our Food Come From?: Grains, vegetables and fruits, meat, eggs, and dairy foods. Where do these different food groups come from? Children will discover such things as how grains are grown in fields, why vegetables are so good for us, where certain fruits grow, and the importance of pollination. A special section features two natural sweeteners - honey and maple syrup - and another section gives children suggestions for eating healthy foods, such as beans of all kinds and foods made with whole grains.

Author: Bobbie Kalman

Format: book

Who Grew My Soup?: The story of young Phineas Quinn and his questions about the vegetable soup his mom serves for lunch.

Author: Tom Darbyshire

Format: book

Who Knows Who Grows Muffin Stuffin?: The book introduces students to agriculture commodities used to make muffins following a raisin muffin recipe.

Author: Montana Department of Agriculture

Format: book

Natural Resources & Environment

A Grand Old Tree: An emotional tale of life and renewal, of nature's bounty and quiet balance, illustrated with simple images made powerful with vivid colors and moving compositions.

Author: Mary Newell
Format: book

A Handful of Dirt: Discusses the nature and importance of soil and the many forms of life it supports.

Author: Raymond Bial
Format: book

A Log's Life: After an oak tree falls in the forest, it has another life as home to a variety of creatures. As it decays over time, it provides food and shelter to porcupines, ants, mushrooms, salamanders, and many others, until it eventually turns into a mound of rich black earth. The buried acorn sprouts to grow into a new tree.

Author: Wendy Pfeffer
Format: book

A Wish to Be a Christmas Tree: This charming tale of an overgrown pine always being passed by for Christmas, and what his woodland friends do to help him, is sure to become a Christmas classic.

Author: Colleen Monroe
Format: book

Beneath the City of Ooze: A Lesson on Storm Water: Follow secret agent worms Napoleon Soil and Jane Blonde as they squirm through the sewers and try to discover why Sparkle Lake is being polluted. Is it a plot by rampaging robots from the evil organization of M.U.D.—Mean and Unfriendly Doofuses? Or is it something else?

Author: Doug Peterson & Brian Cook
Format: book

Christmas Tree Farm: Grandpa switches on the colored lights, puts up the OPEN sign, and the Christmas Tree Hut is open for business. From the day after Thanksgiving until Christmas Eve people will come from all over to find just the right tree. But most shoppers don't know that Grandpa and his family have worked all year long planting, pruning, measuring, and tagging trees. This vibrantly illustrated book shows the entire process from seedling to decorated tree as a warm-spirited family carries on a holiday tradition.

Author: Ann Purmell
Format: book

Colorful Leaves: Red! Yellow! Orange! Leaves turn such pretty colors in fall. Read this book and find out why.

Author: Maria Fleming
Format: book

Down Comes the Rain: After rain comes down, the sun comes out and dries the puddles. But the water isn't gone. The heat from the sun has turned it into water vapor—it has evaporated. Eventually, this moisture in the air condenses to form new clouds. Soon the rain will fall again. Read to find out all the ups and downpours of the water cycle!

Author: Franklyn M. Branley
Format: book

Drip! Drop! How Water Gets to Your Tap: JoJo and her zany dog, Willy, explain the water cycle and introduce experiments about filtration, evaporation, and condensation.

Author: Barbara Seuling
Format: book

Earth - Where Would We Be Without It?: Hurray for the Earth--what a cool place to live! The Earth gives us just about everything we could ask for. It gives us air to breathe and water to drink. It gives us food like fruits and nuts. It's filled with mountains, waterfalls, and other beauty to enjoy. And don't forget the wonderful wildlife-- crawling, hopping, running, and flying all around us! So what can we do for the Earth in return?

Author: Kathleen W. Kranking
Format: book

Earth Day - Hooray!: Ryan, Luke, and Carly need to collect and recycle 5,000 cans if they want to make enough money to plant flowers in Gilroy Park. A lesson about recycling and math skills of place value makes this an Earth Day story that counts.

Author: Stuart J. Murphy
Format: book

Follow the Water from Brook to Ocean: Water is always flowing, from a brook to a stream, to a river to the ocean. Read and find out more about how water shapes the earth and why it is important to keep our water clean in this fascinating book from author-illustrator Arthur Dorros. This book clearly explains terms like "brook," "stream," "river," and "delta," and the full-color illustrations show where water comes from, how it travels, and where it goes.

Author: Arthur Dorros
Format: book

I Am a Leaf: A simple introduction to the life cycle and functions of a leaf.

Author: Jean Marzollo
Format: book

I Can Name 50 Trees Today: While stopping to admire some of the world's most amazing trees, the Cat and Company teach beginning readers how to identify different species, many found in North America, from the shape of their crowns, leaves, lobes, seeds, bark, and fruit.

Author: Bonnie Worth
Format: book

If I Ran the Rain Forest: The Cat in the Hat takes Sally and Dick for an “umbrella-vator” ride through the understory, canopy, and emergent layers of a tropical rain forest, encountering a host of plants, animals, and native peoples along the way.

Author: Bonnie Worth

Format: book

Life in a Bucket of Soil: Grade-schoolers learn how ants, snails, slugs, beetles, earthworms, spiders, and other subterranean creatures live, breed, interact, move about, defend themselves, and more.

Author: Alvin Silverstein & Virginia Silverstein

Format: book

My Little Corner of the World: As a child describes nature scenes in his area, he learns about the purpose of trees, tree harvesting, timber replanting, and the processing of trees.

Author: Beth Burch Smith

Format: book

Pine Trees: Using colorful photos and simple text, this book explains where and how pine trees grow, and how pines are used to make things such as paper and tar.

Author: Allan Fowler

Format: book

Pollution and Conservation: This illustrated title discusses pollution’s various causes and effects on our wildlife and the environment as well as the need for conservation of the natural world and the international concern for species. It also stresses the need to conserve the Earth’s resources for the future. It aims to answer such questions as whether the Earth is really on the brink of disaster and if so, why and what the threats to species and habitats are.

Author: Malcolm Penny

Format: book

Recycle It! Once Is Not Enough: Offers ways in which we can help to clean up the environment.

Author: Stuart Kallen

Format: book

Recycle!: This lively and informative handbook explains the process of recycling from start to finish. The book focuses on 5 different types of rubbish - paper, glass, aluminium cans, plastic and polystyrene.

Author: Gail Gibbons

Format: book

Seed Soil Sun: With these simple ingredients, nature creates our food. This book brings both wonder and clarity to the subject of agriculture, celebrating the cycle of growth, harvest, and renewal. Using the corn plant as an example, the reader goes through the story of germination and growth of a tiny corn seed into a giant plant reaching high into the air, with roots extending over six feet into the ground. The book also discusses the make-up of soil and the amazing creatures who live there—from microscopic one-celled bacteria to moles, amoebas, and earthworms.

Author: Cris Peterson

Format: book

Soil! Get the Inside Scoop: This full-color book explores how soil is part of our life—the food we eat, the air we breathe, the water we drink, the houses we live in, and more. Along the way, readers learn about different kinds of soil and meet the scientists who work with soil every day.

Author: David L. Lindbo

Format: book

The Biggest Christmas Tree Ever: It's the day after Thanksgiving, and Clayton and Desmond feel the chill in the air. The cool weather makes them think of Christmas . . . and Christmas makes them think of Christmas trees! Who'll find the biggest one?

Author: Steven Kroll

Format: book

The Disappearing Earth: A part of our earth is disappearing! But who's behind it? Is it those diabolical villains from M.U.D—Mean and Unfriendly Doofuses? Or is it something else? To find the answers, go undercover with secret agent worms Napoleon Soil and Jane Blonde.

Author: Doug Peterson

Format: book

The Earth's Surface: With colorful illustrations, students will learn about how the earth's surface changes, what it looks like under the sea, as well as earthquakes and volcanoes.

Author: Colin Walker

Format: big book

The Falling Leaves and the Scarecrow: The falling leaves and Scarecrow have lots of fun in the cornfield. But some mean crows pick on Scarecrow and eat Farmer Ned's corn. Who is going to help Scarecrow?

Author: Steve Metzger

Author: book

The Magic School Bus: Wet All Over: Experience the earth's water cycle first hand as Ms. Frizzle's class rises into the air, forms a rain cloud and drizzles down upon earth, just like rain!

Author: Pat Relf

Format: book

The Three R's: Reuse, Reduce, Recycle: It describes the ways in which kids and their families can avoid waste and be environmentally conscious. Four pages presenting activities for children appear at the back of the book, followed by a two-page section for parents, with tips on explaining the subject in more detail.

Author: Nuria Roca

Format: book

The Tree Farmer: A Grandson confronts his Grandfather, a tree farmer, about how he can grow trees with so much love and care, only to cut them down. But as they walk together through the trees, they discover the majesty of the forest and enjoy the life journey of each tree. The Tree Farmer takes young readers on a magical journey through the forest, in a tale of the gifts of trees and our responsibility to care for trees, generation to generation.

Author: Chuck Leavell

Format: book

Water: Water is not just what comes out of your faucet! Find out about water in all its forms.

Author: Susan Canizares

Format: book

Water Dance: From a gentle mountain pond to a raging waterfall or from a silent ocean mist to a sparkling rainbow, dramatic text and paintings give water voice and substance in this tribute to water in all its glorious forms. Inspiring and informative, Water Dance is a poetic introduction to one of nature's most basic elements. Scientific facts about water and its role in our lives are included.

Author: Thomas Locker

Format: book

What Our Earth is Made Of: Rocks, minerals and metals are discussed in this book - where they are found and how many humans use them.

Author: Colin Walker

Format: big book

Where Does Garbage Go?: Briefly examines how we get rid of the things we throw away, describing some of the problems of waste disposal and some of the solutions.

Author: Isaac Asimov

Format: book

Why Should I Save Water?: Children learn that clean water is one of our most precious natural resources. In this book, boys and girls are told about dozens of ways in which they and their families can avoid wasting water.

Author: Jen Green

Format: book

Chapter Books & Novels

A Hog Ate My Homework: Willie is bored-again! The second grader is about to find out how he did on his first school report. The problem is he wasn't very inspired when he wrote it. He hoped no one would notice. But thanks in part to his fifth-grade sister, Ashley, it seems like the whole world will! Can a trip to a family farm with Ashley help get him out of this mess? Will an old wagon re-ignite his creativity? Put on your work boots-we're headed to the country! Willie has some work to do, and it could get very messy!

Author: Gary Metivier

Format: book

Hattie Big Sky: Alone in the world, teen-aged Hattie is driven to prove up on her uncle's homesteading claim. For years, sixteen-year-old Hattie's been shuttled between relatives. Tired of being Hattie Here-and-There, she courageously leaves Iowa to prove up on her late uncle's homestead claim near Vida, Montana. With a stubborn stick-to-itiveness, Hattie faces frost, drought and blizzards. Despite many hardships, Hattie forges ahead, sharing her adventures with her friends--especially Charlie, fighting in France--through letters and articles for her hometown paper. Her backbreaking quest for a home is lightened by her neighbors, the Muellers. But she feels threatened by pressure to be a "Loyal" American, forbidding friendships with folks of German descent. Despite everything, Hattie's determined to stay until a tragedy causes her to discover the true meaning of home.

Author: Kirby Larson

Format: book

Little Joe: It's a cold December night and Fancy, the Stegner family's cow, is about to give birth. Out pops Little Joe, a huge bull calf, and with him comes nine-year-old Eli's first chance to raise an animal to show at next fall's county fair. Over the next ten months, Eli, and Little Joe, learn some hard lessons about growing up and what it means to take on bigger responsibilities, especially when it comes to taking care of another living thing. But one thing Eli is trying not to think about is what will happen to Little Joe after the fair: it's auction time, and he'll have to sell Little Joe! In this appealing and heartwarming story that's reminiscent of James Herriot's books, Eli comes to terms with some of the realities of life on his family's farm, and in the outside world, as he raises his first bull calf for competition. Told in a straightforward and appealing text, brimming with lush details about the natural world of the farm, and with characters that are sure to appeal to readers, Eli's story is one that may not be familiar to every kid, but the themes of growing up and learning some difficult lessons will appeal to kids and adults alike.

Author: Sandra Neil Wallace

Format: book

The Beef Princess of Practical County: After years of waiting, it is finally Libby Ryan’s turn to shine at the Practical County Fair. Libby is filled with excitement as she and her granddad pick out two calves for her to raise on her family’s cattle farm, in hopes of winning the annual steer competition. Against her father’s advice, Libby gives the calves names, even though both steers will eventually be auctioned off. After a few months of preparing for the Practical County Fair, Libby finds that she is growing closer to her steers with each passing day, and the pressure to win Grand Champion is mounting. Luckily, Libby can count on her best friend to get her through most of the county fair chaos. Yet once reality sets in and she realizes that her steers will soon be sold to the highest bidder, the chaos in Libby’s heart becomes too much to bear.

Author: Michelle Houts

Format: book

The Heart of a Shepherd: When Brother’s dad is shipped off to Iraq, along with the rest of his reserve unit, Brother must help his grandparents keep the ranch going. He’s determined to maintain it just as his father left it, in the hope that doing so will ensure his father’s safe return. The hardships Brother faces will not only change the ranch, but also reveal his true calling.

Author: Rosanne Parry

Format: book

The Man Who Changed the World: Dr. Norman Borlaug, one of the world’s greatest heroes, is the most highly-decorated individual of our time. He is credited with saving over a billion people from starvation. Dr. Borlaug is only one of five people in history to win the Nobel Peace Prize, the Presidential Medal of Freedom and the Congressional Gold Medal. In addition, Dr. Borlaug received the Padma Vibhushan, the highest civilian award the government of India can present to a non-citizen.

Author: Leon Hesser

Format: book

The Thing About Luck: Summer knows that kouun means “good luck” in Japanese, and this year her family has none of it. Just when she thinks nothing else can possibly go wrong, an emergency whisks her parents away to Japan—right before harvest season. Summer and her little brother, Jaz, are left in the care of their grandparents, who come out of retirement in order to harvest wheat and help pay the bills. The thing about Obaachan and Jiichan is that they are old-fashioned and demanding, and between helping Obaachan cook for the workers, covering for her when her back pain worsens, and worrying about her lonely little brother, Summer just barely has time to notice the attentions of their boss’s cute son. But notice she does, and what begins as a welcome distraction from the hard work soon turns into a mess of its own. Having thoroughly disappointed her grandmother, Summer figures the bad luck must be finished—but then it gets worse. And when that happens, Summer has to figure out how to change it herself, even if it means further displeasing Obaachan. Because it might be the only way to save her family.

Author: Cynthia Kadohata

Format: book

History & Social Studies

All Around Illinois: Regions and Resources: Get an in-depth study of Illinois -- its industry, climate, history, native peoples, ethnic groups, and native and endangered plants and animals -- through narrative, charts, graphs, maps, and biographical sketches.

Author: Andrew Santella

Format: book

An Early American Christmas: In this small New England village, no one makes much of a fuss about Christmas—until a new family moves in, that is. The family works tirelessly to prepare for the holiday: decorating the house, hand-dipping candles, baking mounds of delicious cookies, and carving nativity pieces. In the end, these new neighbors show their small village how to celebrate the holiday in a very special way.

Author: Tomie de Paola

Format: book

Birchbark Brigade: A history of the North American fur trade, based on primary sources. The North American fur trade, set in motion by the discovery of the New World in the fifteenth century, was this continent's biggest business for over three hundred years. Furs harvested by Ojibwa natives in the north woods ended up on the sleeves and hems of French princesses and Chinese emperors. Felt hats on the heads of every European businessman began as beaver pelts carried in birchbark canoes to trading posts dotting the wilderness. Iron tools, woolen blankets, and calico cloth manufactured in England found their way to wigwams along the remote rivers of North America. The fur trade influenced every aspect of life—from how Europeans related to the Indians, how and where settlements were built, to how our nation formed.

Author: Cris Peterson

Format: book

Farmer George Plants a Nation: See George Washington as he's rarely seen—as a farmer, inventor, and scientist. All his life, Washington sought to improve farming methods and share his knowledge with other farmers. His goal to make Mount Vernon self-sufficient carried over to his goal to make the new country independent.

Author: Peggy Thomas

Format: book

Hungry Planet: The age-old practice of sitting down to a family meal is undergoing unprecedented change as rising world affluence and trade, along with the spread of global food conglomerates, transform eating habits worldwide. HUNGRY PLANET profiles 30 families from around the world--including Bosnia, Chad, Egypt, Greenland, Japan, the United States, and France--and offers detailed descriptions of weekly food purchases; photographs of the families at home, at market, and in their communities; and a portrait of each family surrounded by a week's worth of groceries. Featuring photo-essays on international street food, meat markets, fast food, and cookery, this captivating chronicle offers a riveting look at what the world really eats.

Author: Peter Menzel & Faith D'Aluisio

Format: book

Illinois (State Shapes Book): Presents the history, important people, and famous places of Illinois, as well as miscellaneous facts about the state today.

Author: Erik Bruun

Format: book

Illinois From A to Z: Learning about Illinois history is as easy as ABC with this lively, attractive, alphabetical tour of the state. Clearly written and generously illustrated, Illinois from A to Z is a charming introduction to the movers and shakers who have shaped Illinois as well as to the state's history and geography.

Author: Betty Carlson Kay

Format: book

Illinois History: Get an in-depth study of Illinois -- its industry, climate, history, native peoples, ethnic groups, and native and endangered plants and animals -- through narrative, charts, graphs, maps, and biographical sketches.

Author: Andrew Santella

Format: book

Illinois: A History: Without neglecting the high-profile individuals and events that put the Prairie State on the map, Jensen offers an innovative, wide-angle view that expands our perspective on Illinois history.

Author: Richard J. Jensen

Format: book

L is for Lincoln: The home of one of America's most revered Presidents is also home to American icons such as the Ferris wheel, Montgomery Ward stores, and John Deere tractors. Teachers, students and parents will enjoy the clever poems, rich illustrations and revealing text of "L is for Lincoln: An Illinois Alphabet."

Author: Kathy-jo Wargin

Format: book

Leah's Pony: Leah's pony was swift and strong. Together they would cross through cornfields and over pastures, chasing cattle as they galloped under summer skies. Then came the year the corn grew no taller than a man's thumb. Locusts blackened the sky. The earth turned to dust. Gone were the cornfields and pastures where Leah and her pony once rode. It was the beginning of the great drought. Now Leah's papa faced losing the family farm. Set in the Dust Bowl of the 1930s.

Author: Elizabeth Freidrich

Format: book

Rose's Journal: On January 1, 1935, Rose Samuels bids good riddance to a dry, desolate year and begins a new one. The severe drought has left the fields too dry for crops and the farms are all failing. Times are tough, but with hope, love, and determination, Rose and her family manage to turn the year around.

Author: Marissa Moss

Format: book

The Boy Who Changed the World: The story of Norman Borlaug, who would one day grow up and use his knowledge of agriculture to save the lives of two billion people. Two billion! Norman changed the world! Or was it Vice President Henry Wallace who changed the world? Or maybe it was George Washington Carver? But what about Susan Carver? This engaging story reveals the incredible truth that everything we do matters! Based on his book *The Butterfly Effect*, Andy's timeless tale shows children that even the smallest of our actions can make a difference in someone's life. In turn, that person makes a difference in someone else's life, and the blessing is passed from person to person. Through each character's story, readers will see that they, too, can be the kid who changes the world.

Author: Andy Andrews

Format: book

Thomas Jefferson Grows a Nation: Thomas Jefferson was more than a president and patriot. He was also a planter and gardener who loved to watch things grow—everything from plants and crops to even his brand-new nation. As minister to France, Jefferson promoted all things American, sharing corn and pecans with his Parisian neighbors. As secretary of state, he encouraged his fellow farmers to grow olives, rice and maple trees. As president, he doubled the size of the nation with the Louisiana Purchase. Even in his retirement, Jefferson continued to nurture the nation, laying the groundwork for the University of Virginia.

Author: Peggy Thomas

Format: book

What the World Eats: A photographic collection explores what the world eats through portraits of families from different countries surrounded by a week's worth of food, along with recipes and grocery lists with prices.

Author: Faith D'Aluisio

Format: book

DVDs & Videos

Agriculture is Every Day: Gives students an overview of agriculture while highlighting urban topics such as hydroponics, greenhouses, transportation and farmer's markets.

Time: 19:12

Format: Video

Agricultural Biotechnology: A World of Opportunity: Distributed by: National FFA Organization

Time: 13:45

Format: Video

Agriculture's Air Force: This video shows how "Agriculture's Air Force" plays an integral part in assuring the delicate balance between production agriculture, the environment, and man.

Format: Video

All About Eggs From Magic to Market: Distributed by: California Egg Industry Association

Time: 15:00

Format: Video

All About John Deere - for Kids: An exciting mix of new and antique John Deere equipment in action - tractors, excavators, cultivators, planters, and dump trucks. See John Deere's biggest and newest tractors along with legendary Johnny Poppers - including the 1925 Spoker "D." See how the field is prepped, seeds planted, then cultivated. We visit John Deere collectors, a tractor auction, the Two-Cylinder Expo, and there's a nice segment on farm toys.

Time: 16:00

Format: DVD

Amazing Wheat: "Amazing Wheat" will explain the wheat process, from growing wheat all the way to how it is processed and marketed. Your students will see how modern farmers work the land and how wheat is grown. Then learn about how it is harvested and taken to a factory to be ground into flour and made into commercial products consumed everyday such as bread, donuts, pretzels, pizza and other popular foods. Your students will be amazed to learn all the things that come from wheat.

Time: 16:06

Format: Video

Apples: Come on an exploration of our favorite fruit, the apple! Visit an apple orchard over the seasons from winter pruning to fall harvesting. Hear the story of important apple pioneers, Johnny Appleseed and John McIntoch. Look at apple cells through a microscope.

Time: 6:00

Format: Video

Bakers Dozen: Lessons for Better Baking: Distributed by: Home Baking Association

Format: DVD

Bread Comes to Life: Come watch a baker turn a homegrown crop of wheat into a homemade loaf to eat. Then see it all happen again at a big farm, a giant mill, and a full-scale commercial bakery.

Time: 22:00

Format: Video

Bringing Biotechnology to Life: Learn with Julian as he gathers information for a report on biotechnology. Through Instant Messaging and Internet, Julian is able to communicate with a farmer to help him better understand biotechnology. He learns what biotechnology means, how it can help him, and what biotechnology means for the future. This fast-paced DVD explores an array of biotechnologies being developed for use in medicine, fuel production, nutrition, and feeding a hungry planet. This DVD provides a comprehensive overview to introduce the topic of biotechnology.

Time: 21:00

Format: DVD

Careers in Horticulture: Distributed by: Facilitating Coordination in Agricultural Education

Format: DVD

Chosen Fields: Exploring Careers in Agriculture: Video gives students a taste of the following agricultural careers: engineers, animal nutritionists, animal behaviorists, and landscape designers. CD-ROM included with lesson plans.

Time: 8:30

Format: Video

Connecting to Agriculture: This exciting, fast-paced video is a great way for students to learn about how agriculture connects to their lives. Animation, fun facts and farmers tell the story of agriculture and how it relates to economics, science and business. Interwoven through the commodity stories of corn, cotton, apples, dairy and soybeans are important concepts such as: biodegradable properties, renewable resources, biotechnology, foreign trade, pest management, conservation practices and food quality.

Time: 16:30

Format: Video

Cotton...From Field to Fabric: The National Cotton Council

Time: 9:45

Format: Video

Dedicated to Service: A Career in Veterinary Medicine: Today's veterinarians are in the unique position of being the only doctors trained to protect the health of both animals and people. They are not only educated to meet the health needs of every species of animal, but they play a significant role in environmental protection, food safety, and public health.

Time: 23:00

Format: Video

Dirt: Secrets in the Soil: Designed specifically for Utah Fourth-grade students, this program contains a six-segment video program and an 88-page educator's guide that brings the fundamental lessons of soil science from the countryside to the classroom in a way that is sure to keep students entertained and motivated. The DVD includes segments on soil texturizing, soil layers and a mini-documentary on Utah's Dust Bowl, which occurred at the same time as the Dust Bowl of the Great Plains. This segment includes interviews with several Grantsville, Utah residents who personally experienced what's been called "the nation's worst environmental disaster of the 20th century."

Time: 1:04

Format: DVD

Eggs 101: A Video Project: For a school video project, Josh and Kenlyn decide to investigate the egg industry. Their assignment is to find out how the egg industry has changed over the years, where it is today, and come up with a conclusion as to why the industry has changed. The video is chaptered, so can be shown in its entirety or chosen parts.

Time: 4:10

Format: DVD

Farm Country Ahead: Kids will be thrilled as our friendly host Rusty takes them along for a close-up look at giant tractors, combines, seeders, harvesters and the many other huge machines that grow and harvest some of kids' favorite foods. Go behind the scenes to see milk, peanut butter, jelly, bread and potato chips being made in this fast-paced and exciting trip to Farm Country!

Time: 21:00

Format: DVD

Food Doesn't Grow in the Supermarket: This DVD, narrated by children, follows "The City Guy," an adult who thinks he knows where food comes from (the grocery store) as he visits three different farms to learn where food really comes from and what it takes to produce it. Interesting for even those who have experienced food production!

Time: 4:36

Format: DVD

Food for Thought: A fourth grader, Jack grows up in suburbia not knowing anything about hog farming, basic economics or entrepreneurship. One Saturday, his mom makes him visit a modern hog farm. At first he only goes to see Erika, the farmer's daughter. But after being taken on a great tour by Erika and her dad, and learning not only the basics of modern hog farming, but the entrepreneurial economics going with it, he decides he likes hog farming. And Erika and her dad decide they like Jack. They make him one of their own. The story ends with Jack teaching his mother the economics of a modern hog farm.

Time: 22:00

Format: DVD

From Fiber to Fabric: Wool's a Natural: Narrated by Orson Wells, this DVD follows the history of wool from before Egyptian times to the present day. This DVD is especially useful in your social studies curriculum, as it discusses how England withheld sheep from the early colonists to control the economics of the colony. Old and new spinning techniques and looms in operation are shown.

Time: 14:25

Format: DVD

From Tree to Table: This video documents the journey of a harvested log, through a sawmill, into a kiln to be dried and then off to a woodworker to be made into a table. The process is incredible and involves many experts. There is so much to consider when you take a raw resource and turn it into a work of art.

Time: 1:00

Format: DVD

Gifts of Gold in Motion: Gifts of Gold in Motion, with lively songs, interesting facts and fun learning activities, can stand alone or be used in conjunction with the Gifts of Gold curriculum.

Time: 13:12

Format: Video

Illinois Corn Marketing Board Videos: Miracle of Corn, Wonderful World of Corn, Sherlock Holmes & the Mystery of the Pollution Solution, The Corn Factory, Illinois Corn Growers Association, Ethanol: The Choice of the Future mini videos ranging from 8:00 - 10:38 minutes.

Time: 51:62

Format: Video

Incredible Classroom Eggsperience: A Family & Consumer Science video for Middle through High School students.

Time: 16:48

Format: Video

It Won't Happen to Me: Tractor Safety distributed by New Holland

Time: 16:00

Format: Video

Kids for Trees: Distributed by: Kids for Conservation

Format: Video

Moo 2 You: Join Ms. Moo in a fun, fast moving learning experience for primary students.

Time: 14:00

Format: Video

Mowing Rules...Safety Rocks: Distributed by: Outdoor Power Equipment Institute

Time: 18:00

Format: Video

Mr. Jelly Belly's Factory Tour: From the White House to the space shuttle Challenger, Jelly Belly jelly beans have been an all-time American favorite. Now, you can take a tour into the plant where these jelly beans are manufactured to see all the steps that go into producing this product.

Time: 8:00

Format: Video

Nestle-Libby's Pumpkin Tour: Tour of pumpkin processing plant.

Time: 12:39

Format: Video

Ocean Spray: Where the Cranberries Grow: The history and practices of growing cranberries.

Format: Video

Pack a Powerful Punch with Protein: Distributed by: National Pork Board

Time: 6:00

Format: DVD

Pears: A Taste for All Seasons: Distributed by: USA Pears

Time: 10:15

Format: Video

Plantastic Voyagers & the Plant Doctor: In this fun 12 minute film the Plantastic Voyagers in their continued mission to educate students are explaining the topic of plant diseases. With the help of the plant doctor the voyagers diagnose and treat all kinds of ailments in different crops so that they can be healthy and so can we!

Time: 12:00

Format: Video

Pumpkin Circle: Pumpkins! Every Autumn we carve them into scary faces, munch their crunchy seeds, and cook them into delicious pies. Where do they come from? How do they grow?

Time: 20:00

Format: Video

Real Life Farm Adventure for Kids: Join “Hard Hat Harry” - and the loveable genie - and his young friends, Thomas & Jennifer, for a journey into the exciting world of farms. Harry magically appears dressed as a farmer and takes you on a thrilling, one-of-a-kind adventure.

Time: 13:00

Format: Video

Ride Safe, Ride Smart: Distributed by: The ATV Safety Institute

Time: 8:51

Format: Video

Science in Your Shopping Cart: Geared towards grades 5th-8th this video shows students how important science is to everyday life. By explaining how science aids agriculture in the field as well as how science is used in processing the raw commodities into products we all use and consume. This film will definitely get your students thinking about science when they go shopping.

Time: 13:50

Format: Video

Sheep Crossing: With equal parts of fact and fun, Sheep Crossing explores the world of sheep and wool.

Time: 26:30

Format: Video

Sheep on the Farm - A Video Field Trip: Shows how to spin wool with a drop spindle and a sheep shearing demonstration.

Time: 10:00

Format: Video

Sunkist: Growing the Future: Shows the growing, processing, marketing, and uses of Sunkist oranges, lemons, and tangerines.

Time: 10:00

Format: Video

Surviving the Dust Bowl: This American Experience film presents the remarkable story of the determined people who clung to their homes and way of life, enduring drought, dust, disease - even death - for nearly a decade. Less well-known than those who sought refuge in California, typified by the Joad family in John Steinbeck's *The Grapes of Wrath*, the Dust Bowlers who stayed overcame an almost unbelievable series of calamities and disasters.

Time: 7:00

Format: DVD

Ten Things Kids Want to Know About Farming: This video provides basic farming information suitable for a 2nd- 5th grade audience. This kid friendly video takes questions posed from children of similar ages and answers them clearly and visually. Questions can range from farming practices to how food gets to our table.

Time: 22:00

Format: Video

The Aerial Applicators Growing Role in the Production of Safe Food: From the Pacific Northwest, to the Sunshine State, the mission continues among the crews and pilots who define the aerial applicator's role in providing safe and sufficient food, fiber and forest products - for the world.

Format: Video

The Amazing Pig: Entertaining story of pork production from birth to market told in a style appealing to grades K-5.

Time: 4:00

Format: DVD

The Art of Cheesemaking: Take an in-depth look at the basic cheesemaking procedure and the variations that result in over 250 different types, varieties and styles of Wisconsin cheese.

Time: 17:00

Format: Video

The Coolest Can: An entertaining and educational look at the can making and recycling processes.

Time: 10:00

Format: Video

The Honey Files: A Bees Life: Journey inside a bee hive to learn more about bees, honey and pollination. You'll learn about the different types of bees and their various jobs. You'll meet some beekeepers and interesting characters as you study a bee's life.

Time: 20:00

Format: Video

The Lean Bean Soy Machine: History of soybeans and modern soybean production and processing.

Time: 15:00

Format: Video

Tractors, Cotton-Pickers and the Stuff Kids Wear: From the struggles of a tiny silkworm, to the rumblings of a giant cotton harvester, kids will be thrilled by the sights and sounds of natural fibers being transformed into their favorite clothing.

Time: 6:00

Format: Video

Turkey Production in Iowa: Distributed by: The Iowa Turkey Federation Author: Janet Stevens

Time: 15:00

Format: Video

Vrrrooommm! Citrus Farming for Kids: With equal parts of fact and fun, Sheep Crossing explores the world of sheep and wool.

Time: 6:00

Format: Video & DVD

Vrrrooommm! Farming for Kids: Join Farmer Bill in this award-winning video as he engages your child's imagination with the noise and live action of hi-tech farm equipment. Follow vegetable and grain production from planting to harvest on a modern 7,000 acre family farm.

Time: 30:00

Format: Video & DVD

Vrrrooommm! Apple Farming for Kids: The series continues with live action adventure exploring modern apple production. From pollinating to processing, join Farmer Bill as he shares the chronology of how apples are grown and make their way to your local market.

Time: 6:00

Format: Video & DVD

Vrrrooommm! Dairy Farming for Kids: Friendly Farmer Bill takes you on a personal tour of a modern dairy farm. Join him as he explores what it is like to live and work on a 700 cow dairy farm. Follow milk production from growing the herd's feed all the way to seeing cheese made.

Time: 6:00

Format: DVD

What's Buzzin?: Student newscast all about bees.

Time: 10:30

Format: Video

Wheat: The story of wheat from sowing seed to slurping spaghetti. Wheat follows the activities on a family wheat farm from seed cleaning and planting through to harvesting the golden fields of wheat. It continues the journey to a flour mill and pasta plant. A 4000 year old Egyptian model of bread making demonstrates the importance of wheat in their lives as does the story of Joseph and his interpretation of the pharaoh's dream. A visit to a pioneer village shows pioneers wheat flailing, winnowing, and wheat milling at a grist mill. The Little Red Hen makes a brief appearance. Children in the video grow their own wheat seeds, pound wheat kernels into flour, and test for starch in flour. They roll chapatis, toss pizza and slurp spaghetti. They join in the ancient craft of wheat weaving and then end signing The Wheat Waltz.

Time: 6:00

Format: DVD

Wisconsin Cranberries: Not So Wild Anymore: An interesting look at the historic, environmental and economic importance of these little red berries.

Time: 14:30

Format: Video

Kits

Adventures Around the Farm: Whether living in the country, a small town, or a big city, people depend on farms for food, clothing, and many other things used every day. Farmers produce crops such as fruits, vegetables, nuts, and grains. They also raise livestock such as cattle, pigs, chickens, and sheep. Without the crops and livestock that come from farms, we would all go hungry. The lessons and materials in this kit will help students understand what a farm is, what farmers do, and what comes from farms. They will also learn that there are many different kinds of farms. Students will learn that while we purchase our food from the store, it begins with plants or animals raised on farms, which are the heart of the agriculture industry. From the farm, products are transported, processed, marketed and distributed, involving a multitude of agricultural careers in this chain of events. Through this kit, students will discover that they all depend on agriculture every day of their lives.

Grades: Pre-K - 3rd

Format: AgriLearning

Agriculture Measures UP - Using Mathematics in Agriculture: Students compute the areas and calculate the perimeters of enclosures as they study the most economical uses of fencing. A small jar of shelled corn is used to simulate a grain bin as students learn to estimate weights, numbers, and volumes. Students determine the amount of fertilizer needed for the lawn of a problem home after they have calculated the areas of the lot, house, garage, and driveway.

Grades: 4th - 8th

Format: AgriScience

Agriculture Renews Our Planet: Students compare soy ink with petroleum based ink, make biodegradable plastics from corn, and compare renewable and nonrenewable natural resources.

Grades: 4th - 8th

Format: AgriScience

Animals in Agriculture - Their Growth and Development: Students compare common food products with a complete livestock feed, checking for protein, sugar, starch, fat and vitamin C. They dissect a chicken wing, comparing it with the parts and functions of the human arm. Scale animal models are used to help learn about livestock weight estimates and weight gain.

Grades: 4th - 8th

Format: AgriScience

Biotechnology: Applications in Agriculture: Students create recombinant poems, build DNA models and decipher DNA codes. Additionally, students can build an electrophoresis chamber and debate biotechnology issues.

Grades: 4th - 8th

Format: AgriScience

Dairy Cow Capers: Explore dairy farming in action. Through videos and books, experience the life of dairy cows on the farm and see a veterinarian at work. Follow the path milk takes as it travels from cow to you. Learn about the nutritional value of dairy products; and, try your hand at making butter.

Grades: Pre-K - 3rd

Format: AgriLearning

Dairy mAGic: Hands-on exercises let students explore the processes of using milk, acids, enzymes, and bacteria to make cottage cheese, yogurt, and ice cream. Students will find out how much milk one cow produces in its lifetime. They'll also dive into history, and they'll learn about issues of supply and demand in the dairy industry.

Grades: 4th - 8th

Format: mAGic

Eggsploring Poultry: Cracking the Egg: Crack the mystery of eggs and see a miracle in 21 days! Eggsploring Poultry is filled with books on embryology, poultry facts, games and other hands-on activities.

Grades: Pre-K - 3rd

Format: AgriLearning

Getting to the Core: Apples and Orchards: How do apples grow? Where do all those varieties of apples come from? Learn the answers to these questions and so much more! Take an inside look at apples and their history. Getting to the Core has a lot of hands-on activities and games, things to make and things to eat, videos, posters and books.

Grades: Pre-K - 3rd

Format: AgriLearning

Growing Better Every Day - Using Genetics to Improve Agriculture: Colored paper clips are used to illustrate genes and chromosome chains as students learn how traits are inherited by offspring from parents. A germination study of seeds which produce albino or normal green corn plants helps students understand genotypes and phenotypes. Students learn about probabilities of transmission of two genes from parent to offspring.

Grades: 4th - 8th

Format: AgriScience

Horticulture Careers: This kit introduces students to the different areas of the horticulture field. Through hands-on exercises and activities, students learn about a variety of careers in horticulture, including landscape design, turf management, retail industry, marketing, and new product development. Activities and lessons are designed to help students understand how they can apply skills and interests they already have in today's horticulture industry. They will become familiar with the culture, terms, and responsibilities in each employment area.

Grades: Middle & High School

Format: Miscellaneous

Horticulture Science: This kit covers the major aspects of science. Students will become familiar with plant taxonomy, and they'll learn how to grow plants in soil and soil-less media. They'll get introduced to plant pests and how to control them. Lab exercises help students understand plant breeding and genetics. A section is devoted to the impact of biotechnology on ornamental horticulture, and students will learn how to conduct DNA analysis to match offspring to parents.

Grades: Middle & High School

Format: Miscellaneous

Illinois mAGic: This kit provides hands-on experiences for students as they map their route through Illinois, all the while, stopping at locations taking them from stockyards to skyscrapers, looking into the land of the livestock and trading futures on the Chicago Board of Trade. The Illinois kit allows students to see the 7 Wonders of Illinois, watch prairie plants adapt right before their eyes and tour Illinois Indian cultures. As the prairie state unfolds in these lessons, students will experience the Lincoln Douglas debates, investigate Illinois sites, meet famous Illinoisans, stop at McDonald's for a bite of history, and discover all the great things that come from Illinois. Navigating Illinois waterways will allow the students to see just how diverse our state is, with Amish settlements and coal mines throughout the state, and yet the wealth of our state is found in its' soil. Students will measure and learn to treasure Illinois trees and discover how Illinois products are processed. This kit provides lessons that move Illinois plant products throughout the state, unveil the history of Illinois agriculture, dig into the research of Illinois inventors and add up the money Illinois agriculture funnels into our economy. Students will solve logic puzzles, dive into history and explore some of Illinois' greatest attributes.

Grades: 4th - 8th

Format: mAGic

Indiana Soybean Kit: Oils & Polymers: Students will learn about monomers and polymers and understand that they come in contact with them everyday. Students will experiment with rubber band and paper clip chains to understand how polymers behave and take this information into hands-on experiments making gluep and oobleck. In the oils portion of the kit, students will learn that oil and water do not mix and what an emulsifier is, taking these skills into experiments making salad dressing, lip balm and crayons.

Grades: 4th - 8th

Format: AgriScience

Insect mAGic: Students will learn about the impact of insects on crop production through a variety of lessons and activities. Mapping exercises let students follow butterflies on migration patterns. Students track a day in the life of an insect and learn about wingspan, life cycles, anatomy, and social hierarchy patterns of common insects.

Grades: 4th - 8th

Format: mAGic

Machine mAGic: Students will learn about the history of farm machinery and the impact of modern farming techniques on families and communities. They'll also learn how inventors John Deere and Cyrus McCormick helped shape modern agriculture. Hands-on exercises let students identify machinery parts and estimate farm machinery costs.

Grades: 4th - 8th

Format: mAGic

Pigs on the Farm: Hog production in the United States has changed dramatically over the years. Farmers used to feed their pigs slop, a mixture of leftovers from the farmhouse. Pigs were known for being dirty animals because they wallowed in the mud. Today, farmers feed their animals a balanced diet, many times in a temperature controlled building. The lessons and materials in this kit will help students understand what pigs are, what farmers do to take care of pigs, and how people benefit from pigs.

Grades: Pre-K - 3rd

Format: AgriLearning

Plant mAGic: This kit offers problem-solving activities in plant propagation, production, and processing. Students will conduct experiments to learn about plant differences and plant ecosystems. They'll also sequence plant products, research the discoveries of George Washington Carver, and look at the impact of crops on the national economy.

Grades: 4th - 8th

Format: mAGic

Plants & Seeds: Full of books, posters, music, games and manipulatives with a binder full of lesson and activities that address Common Core and Next Generation Science Standards.

Grades: Pre-K - 3rd

Format: AgriLearning