



Agriculture in the Classroom

Booklist – Middle School Level

Title	Author	Overview	Age	ISBN
<u>Across Five Aprils</u>	Irene Hunt	Valuable insights into the difficulties faced by families and communities caught up in the political, economic, and personal upheavals of war.	10-14 years	0425182789
<u>Agriculture</u>	Dianne Hansen	Chronology of agriculture from ancient times to the present.	9-11 years	1567118275
<u>All in Just One Cookie</u>	Susan E. Goodman	Explains what food products around the world are needed to create a chocolate chip cookie.	9-12 years	0060090928
<u>Barn Burner</u>	Patricia Willis	After an argument with his out-of-work father turns violent, Ross Cooper joins thousands of others on the road in 1933. The 14-year-old wakes up to find that the barn he has spent the night in is in flames.	11-15 years	0439305284
<u>Blue Willow</u>	Doris Gates	Janey had to keep moving with her family to follow the crops. Someday, she hoped she and her family would once again be able to create roots in a community.	9-12 years	0140309241
<u>Bread Comes to Life - A Garden of Wheat & a Loaf to Eat</u>	George Levenson	Minimal text takes readers from the planting of wheat seeds in a garden through harvest and bread making.	4-up	1582461147
<u>Can you Dig It?</u>	Delores Richardson	Step-by-step guide to gardening, complete with markers and a harvesting bag.	9-12 years	0961948205
<u>Carrots Love Tomatoes: Secrets of Companion Planting for Successful Gardening</u>	Louise Riotte	Tells how to use the natural benefits of plants to protect and support each other.	12-up	1580170277
<u>Carver: A Life in Poems</u>	Marilyn Nelson	Offers glimpses into George Washington Carver's life through a series of lyrical poems.	12-14 years	1886910539



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<u>Children of the Dust Bowl</u>	Jerry Stanley	Portrait of the "Okies" driven to California by the Dust Bowl days of the 1930s and the formidable hardships they faced.	9-12 years	0517880946
<u>Christmas on the Farm</u>	Bob Artley	Conversational essays recount the required tasks, some pleasant, many arduous, that were necessary to begin the cycle of life on the farm.	10-14 years	1565547535
<u>Compost, By Gosh!</u>	Michelle Eva Portman	Composting guide for today's ecology-minded child; captures childhood magic and the alchemy of natural processes.	4-8 years	0942256166
<u>Corn (True Books- Food & Nutrition)</u>	Elaine Landau	Examines the history, cultivation, and uses of corn.	9-12 years	0516267590
<u>Cotton Now and Then</u>	Karen Bates Willing	Learn how cotton is produced and made into fabric.	6-11 years	0964182033
<u>Crossover Dribble</u>	P.J. Farris	Great story that takes basketball to its roots of rural life while teaching the rewards of hard work and determination.	12-up years	1932278435
<u>Days on the Farm</u>	Kim Lewis	Read about the sheepdog, his best friends, and all of their adventures with eggs, tractors, and lost sheep.	8-12 years	0744581753
<u>Down by the Cool of the Pool</u>	Tony Mitton	Frog and all his farm friends dance around the pond until dusk.	9-11 years	0439309158
<u>Eat Your Vegetables! Drink Your Milk!</u>	Alvin , Virginia, and Laura Silverstein	Describes the components of a healthy diet and explains why eating this food is important for maintaining overall good health.	9-12 years	0531165078
<u>Fantastic Farm Machines</u>	Cris Peterson	Accurate first hand view of modern, often computerized equipment used on today's farms. Describes both the machines and their functions.	12-up 4-8 years	1590782712
<u>Farm Team</u>	Will Weaver	A surprisingly good farm-team baseball league includes people from all walks of life eventually plays the city team.	9-12 years	0064471187



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<u>Forty Acres and Maybe a Mule</u>	Harriette Gillen Robinet	Follow Pascal and his older brother, both ex-slaves, as they work to keep their home and farm during the time of Reconstruction.	8-12 years	0689833172
<u>The Gardening Book</u>	Jane Bull	Learn how to choose plants and give them what they need to grow. Introduction to the rewarding world of kids' horticulture.	9-12 years	0789492164
<u>Genetically Modified Food</u>	Nigel Hawkes	Learn about the science involved in food production using genetic engineering.	4-8 years	0749650982
<u>Green Power Leaf & Flower Vegetables</u>	Meredith Sayles Hughes	Reviews the key role of plants in the energy food chain. Provides a history of the plant as a food source, cultivation, and how it has spread throughout the world by different cultures. Nutritional information and recipes are included.	10-14 years	0822528398
<u>Green Thumbs</u>	Laurie Carlson	These gardening projects are so simple, quick and fun, anyone can their brown thumb in to a green thumb.	9-12 years	155652238X
<u>A Handful of Dirt</u>	Raymond Bial	Explains the many uses of soil and the various creatures which inhabit this important natural resource.	8-12 years	0802786987
<u>Heartland: Holding Fast</u>	Lauren Brooks	Part of the Heartland series: Heartland is a horse farm located in Virginia. Amy desperately tries to help a wounded police horse using her known remedies.	9-12 years	0439425115
<u>How Flowers Grow</u>	Emma Helbrough	Find the answers and lots more about how flowers grow.	9-12 years	9794510868
<u>I Want to be a Veterinarian</u>	Stephanie Maze	Provides an overview of where vets work, including those who make house-calls, work at zoos, or offices. Has interesting facts on holistic veterinary medicine.	9-12 years	0152019650



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<u>Ida B</u>	Katherine Hannigan	As an only child, Ida B has had plenty of time to be creative. Acres of apple trees are her friends. She lives life to the fullest, firmly believing there is never enough time for fun.	9-12 years	0060730269
<u>In the Barn</u>	Bobbie Kalman	Shows how the barn was the center of activity on a busy settler farm. All the seasonal activities, from birthing to harvest to winter storage are explored.	9-12 years	0865054630
<u>Incredible Plants, Inside Guides:</u>	Barbara Taylor	Introduces the functions of plants and their parts including reproduction, growth, defense, animal traps, parasitic plants, cacti and succulents.	11-15 years	1552091120
<u>Janey Junkfood's Fresh Adventure!</u>	Barbara Storper	Resource to help parents, educators, etc., turn kids on to healthy habits and reduce the nation's alarming epidemic of childhood obesity.	8-12 years	0964285851
<u>Life of the Powhatan</u>	Bobbie Kalman	Learn about the trials and successes of the Powhatan tribe.	9-12 years	00778704726
<u>The Little Book of Flowers</u>	Laura Howell	Has flowery and things to do.	9-12 years	0794510868
<u>Loaves of Fun</u>	Elizabeth M. Harbison	Enjoy recipes and activities across the world to discover the uses and history of bread.	4-8 years 6-12 years	1556523114
<u>Looking at Labels: The inside Story</u>	John Burstein	Introduces nutrition fact labels and ingredient lists that appear on most packaged foods. The high school characters in this story learn how to use these labels and lists to make healthy food choices.	9-12 years	077873935X
<u>The Midnight Fox</u>	Betsy Byars	Tale of an average boy and his summer spent on a farm. Read his chance encounters with a mysterious woodland creature.	9-12 years	0571214797



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<u>Miracles on Maple Hill</u>	Virginia Sorensen	A family tries to pull itself back together moving to the country, where they will farm, make maple sugar, and heal in the place their ancestors built on Maple Hill.	9-12 years	0152047182
<u>Misty of Chincoteague</u>	Marguerite Henry	On an island off the coasts of Virginia and Maryland lives a centuries-old band of wild ponies. A mare forever will be a creature of the wild, but her gentle, loyal colt Misty is another story altogether.	9-12 years	0689714920
<u>Oak Tree</u>	Gordon Morrison	As the seasons change, so does the oak tree and the creatures that depend on the tree's resources.	4-8 years 4-12 years	03959564
<u>Once Upon A Farm</u>	Bob Artley	Through detailed illustrations and text, learn about the seasons of an old-time farm.	12-up years	1565547535
<u>Out of the Dust</u>	Karen Hesse	Compelling, immediate journal where Billie Jo reveals the grim domestic realities of living during the years of constant dust storms.	9-12 years	0439771277
<u>Park's Quest</u>	Katherine Paterson	While he is on his grandfather's farm, he learns many family secrets. Park does not get along with his Vietnamese half-sister, but they become more friendly as the story progresses.	10-14 years	0140340769
<u>Peaches</u>	Jodi Lynn Anderson	Murphy, Leeda, and Birdie discover the true meaning of friendship despite their differences. Birdie Darlington is trying to keep the farm running despite the desperate family situation.	13-up	0007216114
<u>Pioneer Plowmaker: A Story About John Deere</u>	David Collins	Information about Deere's life is skillfully intertwined with influences and events of his times, the 1800s.	9-12 years	0876149093



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<u>Red Pony</u>	John Steinbeck	A group of four interconnected stories: Each story focuses on Jody Tiflin, a 10-year old boy growing up on a ranch on the west coast of the United States.	12-15 years	0140177361
<u>Riddle of Penncroft</u>	Dorothea Jensen	Mystery combined with tales of Valley Forge during the American Revolution. Two stories intertwined nicely for a satisfying conclusion.	9-12 years	0152164413
<u>Roots, Shoots, Buckets & Boots: Gardening Together with Children</u>	Sharon Lovejoy	Twelve easy-to-implement ideas for theme gardens that parents, teachers, and kids can grow together are described in this book including moon gardens and sunflower houses.	9-14 years	0761110569
<u>Science in Colonial America</u>	Brendan January	Provides explanations of the scientific contributions of people during the colonial times.	9-12 years	053115940X
<u>Science in the Kitchen</u>	Rebecca Heddle	Exciting scientific activities designed to help young children explore the fascinating scientific world of the kitchen.	8-12 years	0746009747
<u>Science with Plants</u>	Helen Edom	Packed with exciting science activities which encourage children to explore the intriguing nature of plants.	9-12 years	9780794514853
<u>The Science Chef: 100 Fun Food Experiments and Recipes for Kids</u>	Joan D'Amico	Scientific information is kept to a minimum, but rather provides a way for kids to have fun cooking. Each chapter begins with facts about the topic, followed by a brief experiment to illustrate the concept and recipes that range in skill level.	9-12 years	047131045X
<u>Seedfolks</u>	Paul Fleischman	As a vacant lot is transformed into a community garden, these vignettes give glimpses into the lives of the fledgling gardeners.	9-12 years	0064472078



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<u>Starting Gardening</u>	Sue Johnson and Cheryl Evens	Guide to simple gardening projects. Step-by-step explanations and pictures make it easy for a beginner to have fun growing things.	8-12 years	9780794504458
<u>The Story of Corn</u>	Betty Harper Fussell	All about corn; covers every aspect and offers an extensive bibliography.	12-up	0826335926
<u>Sugarbush Spring</u>	Marsha Wilson Chall	Story tells all about life on a northern farm in early spring.	4-8 years 6-12	0688149073
<u>The Super Soybean</u>	Raymond Bial	This photo-essay includes botanical information about the soybean, its interesting history, and a good description of the planting and harvesting of this super crop.	10-14 years	0807575496
<u>T.C. Cobb and the Cornstalk Riddles</u>	Susan M. Pankey	Help T.C. Cobb and his friends to solve the riddles he finds in a book.	8-12 years	www.nefb.org/ag-ed/
<u>Thimble Summer</u>	Elizabeth Enright	Story about the affects of drought on her family farm. Gain heightened awareness of how water provides for the needs of a farm.	9-12 years	0440486815
<u>Tomatoes (True Books-Food & Nutrition)</u>	Elaine Landau	Examines the history, cultivation, and uses of tomatoes.	9-12 years	0516267736
<u>Under the Same Sky</u>	Cynthia C DeFelice	Joe begins to grasp the hardships, uncertainty, loyalty, and courage of the laborers who are often ridiculed by his peers.	9-12 years	0374480656
<u>Veterinarians Help Keep Animals Healthy</u>	Bobbie Kalman	Information about all different types of veterinarians and explains their job as well as their importance in a community.	4-8 years	0778721256
<u>Virginia</u>	Erik Bruun	Presents the history, important people, and famous places of the Old Dominion state, as well as miscellaneous facts about Virginia today.	8-12 years	1579121039
<u>Virginia</u>	Karen Sirvaitis	Introduces the geography, history, people, industries, and other highlights of Virginia.	9-12 years	0822507978



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<u>The Water Cycle</u>	Bobbie Kalman	Information on the importance of water as well as details on each part of the water cycle. Also covers groundwater, plant transpiration, and pollution.	8-12 years	0778777197
<u>What is a Plant?</u>	Bobbie Kalman	Information about plants and their importance, from plant parts to germination to photosynthesis.	7-10 years 8-12 years	0865059829
<u>Wheat, A True Book</u>	Elaine Landau	Examines the history, cultivation, and uses of wheat.	9-12 years	0516267922
<u>Why Christmas Trees Aren't Perfect</u>	Richard H. Schneider	A tiny evergreen, who hopes to grow into a majestic Christmas tree, gives up this wish in order to protect the creatures of the forest.	9-12 years	0687453631
<u>Why the Brown Bean was Blue: The Story of a Soybean Frown turned Upside Down</u>	Susan M. Pankey	A soybean tells a group of children about its many uses.	8-12 years	www.nefb.org/ag-ed
<u>The Winter Room</u>	Gary Paulsen	Describes the farm activities of each season and narrates memorable pranks and milestones of his boyhood.	9-12 years	0440227836
<u>Worms Eat My Garbage: How to Set Up & Maintain a Worm Composting</u>	Mary Applehof	Supplies everything you want to know about worm composting. Shows us how we can eat better food by growing gardens with worm-power.	9-12 years	0942256107
<u>Worth</u>	A. LaFaye	Two boys each wounded in a different yet similar way, discover they have more in common than initially apparent, and join to save a farm.	9-12 years	0689857306
<u>The Yearling</u>	Marjorie Kinnan Rawlings	Jody gets a fawn he calls Flag. With Flag comes a year of life lessons, frolicking times, and aching hard decisions.	9-12 years	0689846231