

# EC STEM Lab Early STEM Books Resource List

## Science

### Careers

[Ada Twist, Scientist by Andrea Beaty \(Video\)](#)

[What Is a Scientist? by Barbara Lehn \(Video\)](#)

### Water

[Who Sank the Boat? by Pamela Allen \(Video\)](#)

[Does it Sink or Float? by Susan Hughes](#)

[I Am Water by Jean Marzollo \(Video\)](#)

[Dot & Jabber and the Mystery of the Missing Stream by Ellen Stroll Walsh \(Video\)](#)

[Follow the Water from Brook to Ocean by Arthur Dorros](#)

[A Drop Around the World: The Science of Water Cycles On Planet Earth for Kids by Barbara Shaw McKinney and Michael Maydak \(Video\)](#)

[Let's Try It Out In The Water by Seymour Simon and Nicole Fauteux](#)

[A Drop of Water: A Book of Science and Wonder by Walter Wick](#)

[I Get Wet by Vicki Cobb \(Video\)](#)

[Over and Under the Pond by Kate Messner \(Video\)](#)

[A Cool Drink of Water by Barbara Kerley \(Video\)](#)

[Puddles by Jonathan London \(Video\)](#)

[Raindrops by Larry Dane Brimner](#)

### Plants & Animals

[Shells! Shells! Shells! by Nancy Elizabeth Wallace](#)

[Living Color by Steve Jenkins](#)

[Owl Babies by Martin Waddell \(Video\)](#)

[Take a Backyard Bird Walk by Jane Kirkland](#)

[Take a Beach Walk by Jane Kirkland](#)

[Take a City Nature Walk by Jane Kirkland](#)

[Take a Winter Nature Walk by Jane Kirkland](#)

[Baboon by Kate Banks \(French Edition\)](#)

[Nature in the Neighborhood by Gordon Morrison](#)

[Nature Spy by Ken Kreisler and Shelley Rotner \(Video\)](#)

[Animal Senses: How Animals See, Hear, Taste, Smell, and Feel by Pamela Hickman \(Video\)](#)

[Animals in Winter by Henrietta Bancroft & Richard G. Van Gelder \(Video\)](#)

[Planting a Rainbow by Lois Ehlert \(Video\)](#)

[Red Leaf, Yellow Leaf by Lois Ehlert \(Video\)](#)

[Waiting for Wings by Lois Ehlert \(Video\)](#)

[Wonderful Worms by Linda Glaser \(Video\)](#)

[An Earthworm's Life by John Himmelman \(Video\)](#)

## Gardening

[Planting a Rainbow by Lois Ehlert \(Video\)](#)

[It's Pumpkin Time! by Zoe Hall \(Video\)](#)

[Pumpkin Fiesta by Caryn Yacowitz \(Video\)](#)

[The Ugly Vegetables by Grace Lin \(Video\)](#)

[A Field of Sunflowers by Neil Johnson](#)

[This is the Sunflower by Lola M. Schaefer \(Video\)](#)

[Zinnia's Flower Garden by Monica Wellington \(Video\)](#)

[Up, Down, and Around by Katherine Ayres \(Video\)](#)

[Flower Garden by Eve Bunting \(Video\)](#)

[Garden Tools by Alison J. Auch](#)

[Gardening Tools by Inez Snyder](#)

[Fran's Flower by Lisa Bruce \(Video\)](#)

[Growing Vegetable Soup by Lois Ehlert \(Video\)](#)

[Jack's Garden by Henry Cole \(Video\)](#)

[A Seed is Sleepy by Dianna Aston \(Video\)](#)

[Up in the Garden and Down in the Dirt by Kate Messner \(Video\)](#)

## Properties/ Changes

[Solids, Liquids, and Gases by Carol K. Lindeen](#)

[Apples to Applesauce by Inez Snyder](#)

[Oranges to Orange Juice by Inez Snyder](#)

[Tomatoes to Ketchup by Inez Snyder](#)

[Wax to Crayons by Inez Snyder](#)

[The Tortilla Factory by Gary Paulsen \(Video\)](#)

[Bread Comes to Life: A Garden of Wheat and a Loaf to Eat by George Levenson \(Video\)](#)

[Mixing \(Investigations\) by Patricia Whitehouse \(Spanish Edition\)](#)

## Movement

[Mama Zooms by Jane Cowen-Fletcher \(Video\)](#)

[Roll, Slope, and Slide: A Book About Ramps by Michael Dahl \(Video\)](#)

[Move by Steve Jenkins \(Video\)](#)

[And Everyone Shouted, "Pull!" by Claire Llewellyn \(Video\)](#)

## Senses

[The Other Way to Listen by Byrd Baylor and Peter Parnall \(Video\)](#)

[Hearing Sounds by Sally Hewitt](#)

[Hear That? by Tama Janowitz](#)

[Polar Bear, Polar Bear, What Do You Hear? By Bill Martin Jr. & Eric Carle \(Video\)](#)

[Snow Music by Lynne Rae Perkins \(Video\)](#)

[The Listening Walk by Paul Showers \(Video\)](#)

[Bear Snores On by Karma Wilson \(Video\)](#)

[Hearing by Rebecca Rissman](#)

[Arthur's Eyes by Marc Brown \(Video\)](#)

[Panda Bear, Panda Bear, What Do You See? By Bill Martin Jr. \(Video\)](#)

[Seven Blind Mice by Ed Young \(Video\) \(Spanish Edition\)](#)

[Seeing by Rebecca Rissman](#)  
[You Can't Smell a Flower with Your Ear! by Joanna Cole](#)  
[Please Don't Upset P. U. Zorilla by Lynn Rowe Reed \(Video\)](#)  
[Smelling by Rebecca Rissman](#)  
[Touch the Poem by Arnold Adoff](#)  
[My Hands by Aliko \(Video\)](#)  
[Is It Rough? Is It Smooth? Is It Shiny? by Tana Hoban](#)  
[Touching by Rebecca Rissman](#)  
[Tasting by Rebecca Rissman](#)  
[My Five Senses by Aliko \(Video\) \(Spanish Edition\)](#)  
[Eyes, Nose, Fingers, and Toes: A First Book All About You by Judy Hindley \(Video\)](#)  
[Look, Listen, Taste, Touch, and Smell: Learning About Your Five Senses by Pamela Hilla Nettleton \(Video\)](#)  
[The 5 Senses by Nuria Roca](#)  
[You Can't Taste a Pickle with Your Ear: A Book About Your 5 Senses by Harriet Ziefert \(Video\)](#)

### Seasons

[The Seasons of Arnold's Apple Tree by Gail Gibbons \(Video\)](#)  
[Frederick by Leo Lionni \(Video\)](#)  
[Take a Winter Nature Walk by Jane Kirkland](#)  
[Leaf Man by Lois Ehlert \(Video\)](#)  
[It's Fall! by Linda Glaser \(Video\)](#)  
[It's Spring by Linda Glaser \(Video\)](#)  
[Spring by Ron Hirschi](#)  
[This Big Tree by Marilyn Woolley](#)  
[Watching the Seasons by Edana Eckart](#)  
[Everything Spring by Jill Esbaum](#)

### Weather

[Snowballs by Lois Ehlert \(Video\)](#)  
[The Snowy Day by Ezra Jack Keats \(Video\)](#)  
[I Love the Rain by Margaret Park Bridges \(Video\)](#)  
[Let It Snow by Maryann Cocca-Leffler \(Video\)](#)  
[Worm Weather by Jean Taft \(Video\)](#)

### Caring for the Earth

[Saving Water \(Help the Environment\) by Charlotte Guillain \(Video\)](#)  
[Keeping a Nature Journal by Clare Walker Leslie & Charles E. Roth](#)  
[The Earth and I by Frank Asch \(Video\)](#)  
[Compost Stew: An A to Z Recipe for the Earth by Mary McKenna Siddals \(Video\)](#)  
[Wangari's Tree of Peace: A True Story from Africa by Jeanette Winter \(Video\)](#)  
[The Curious Garden by Peter Brown \(Video\)](#)  
[The Brilliant Deep: Rebuilding the World's Coral Reefs by Kate Messner \(Video\)](#)

## **Technology**

### Vehicles/ Transportation

[Trashy Town by Andrea Zimmerman and David Clemesha \(Video\)](#)

[I Drive a Garbage Truck by Sarah Bridges \(Spanish Edition\)](#)

[Smash! Mash! Crash! There Goes the Trash! by Barbara Odanaka \(Video\)](#)

[Twenty Big Trucks in the Middle of the Street by Mark Lee \(Video\)](#)

[Freight Train by Donald Crews \(Video\)](#)

[Construction by Sally Sutton \(Video\)](#)

[Busy Boats by Tony Mitton \(Video\)](#)

[Flying by Donald Crews \(Video\)](#)

[School Bus by Donald Crews \(Video\)](#)

### Computers, Coding, & Robots

[Life the Flap Computers & Coding by Rosie Dickins](#)

[A Computer Called Katherine: How Katherine Johnson Helped Put America on the Moon by Suzanne Slade \(Video\)](#)

[Grace Hopper: Queen of Computer Code by Laurie Wallmark](#)

[Curiosity: The Story of a Mars Rover by Markus Motum \(Video\)](#)

## **Engineering**

### **Cities & Towns**

[Bear About Town by Stella Blackstone and Debbie Harter \(Video\) \(French Edition\)](#)

[Taking a Walk: A Book in Two Language/Caminando: Un Libro En Dos Lenguas by Rebecca Emberley](#)

[Bridges by Susan Canizares and Daniel Moreton \(Video\)](#)

[My Map Book by Sara Fanelli \(Video\)](#)

[Sunrise to High-Rise: A Wallbook of Architecture Through the Ages by Lucy Dalzell \(Chinese Edition\)](#)

### **Building**

[Dreaming Up: A Celebration of Building by Christy Hale \(Video\)](#)

[If I Built a House by Chris Van Dusen \(Video\)](#)

[Home by Carson Ellis \(Video\)](#)

[How a House is Built by Gail Gibbons \(Video\)](#)

[Building on Nature: The Life of Antoni Gaudi by Rachel Victoria Rodriguez \(Video\)](#)

[If You Lived Here: Houses of the World by Giles Laroche \(Video\)](#)

[Iggy Peck, Architect by Andrea Beaty \(Video\)](#)

[Young Frank, Architect by Frank Viva \(Video\)](#)

[Building Zaha: The Story of Architect Zaha Hadid by Victoria Tentler-Krylov \(Video\)](#)

[Someone Builds the Dream by Lisa Wheeler \(Video\)](#)

### **Engineering Process**

[Rosie Revere, Engineer by Andrea Beaty \(Video\)](#)

[The Most Magnificent Thing by Ashley Spires \(Video\)](#)

[Jabari Tries by Gaia Cornwall \(Video\)](#)

[Gnu and Shrew by Danny Schnitzlein \(Video\)](#)

[The Girl Who Thought in Pictures: The Story of Dr. Temple Grandin \(Video\)](#)

### **Machines**

[How Machines Work: Zoo Break by David Macaulay](#)

[How Do You Lift a Lion by Robert E. Wells \(Video\)](#)

[The Boy Who Harnessed the Wind by William Kamkwamba \(Video\)](#)

## Math

### Sorting

[Gray Rabbit's Odd One Out by Alan Baker](#)

[Sort It Out by Barbara Mariconda \(Video\)](#)

[The Button Box by Margarette S. Reid \(Video\) \(Spanish Edition\)](#)

### Counting/Number Sense

[Monster Math Picnic by Grace Maccarone \(Video\)](#)

[Over in the Meadow by Olive A. Wadsworth \(Video\)](#)

[Lemonade in Winter: A Book About Two Kids Counting Money by Emily Jenkins \(Video\)](#)

[El Gusto del Mercado Mexicano/ Taste of the Mexican Market by Nancy Maria Grande Tabor \(Video\)](#)

[Ten Black Dots by Donald Crews \(Video\) \(Spanish Edition\)](#)

[Feast for 10 by Cathryn Falwell \(Video\) \(Spanish Edition\)](#)

[One Fish, Two Fish, Red Fish, Blue Fish by Dr. Seuss \(Video\) \(Spanish Edition\)](#)

[Counting by Henry Pluckrose \(Video\)](#)

[One Frog Sang by Shirley Parenteau \(Video\)](#)

[Counting Crocodiles by Judy Sierra \(Video\)](#)

[Pete the Cat and His Four Groovy Buttons by James Dean \(Video\)](#)

[Grandma's Tiny House by JaNay Brown-Wood \(Video\)](#)

[This Tree Counts! by Alison Formento \(Video\)](#)

[One is a Snail, Ten is a Crab by April Pulley Sayre & Jeff Sayre \(Video\)](#)

[One Lonely Sea Horse by Joost Elffers & Saxton Freymann](#)

[Around the Neighborhood: A Counting Lullaby by Sarah L. Thomson](#)

[Build a Burrito: A Counting Book in English and Spanish by Denise Vega](#)

[Counting Ovejas by Sarah Weeks \(Video\)](#)

[One Family by George Shannon \(Video\)](#)

[My Numbers/ Mis Numeros by Rebecca Emberley \(Video\)](#)

[How Many Snails? by Paul Giganti Jr. \(Video\)](#)

### Sequencing/ Patterns

[Un Desfile De Patronas by Gareth Stevens](#)

[City Signs by Zoran Milich](#)

[Clothesline Clues to Jobs People Do by Kathryn Heling and Deborah Hembrook \(Video\)](#)

[Say Hello! by Rachel Isadora \(Video\)](#)

[If You Give a Mouse a Cookie by Laura Numeroff \(Video\) \(Spanish Edition\)](#)

[The Seven Chinese Sisters by Kathy Tucker \(Video\)](#)

[The Napping House by Audrey Wood \(Video\)](#)

[A-B-A-B-A- A Book of Pattern Play by Brian P. Cleary \(Video\)](#)

[Pattern Fish \(Math is Fun!\) by Trudy Harris \(Video\)](#)

[I Spy Two Eyes](#)

[Caps for Sale by Esphyr Slobodkina \(Video\) \(Spanish Version\)](#)

[Peg + Cat: The Pizza Problem by Jennifer Oxley & Billy Aronson \(Video\)](#)

## Measurement

[Inch by Inch by Leo Lionni \(Video\)](#)  
[Actual Size by Steve Jenkins \(Video\)](#)  
[Short Train, Long Train by Frank Asch](#)  
[Just How Long Can A Long String Be?! By Keith Baker \(Video\)](#)  
[Measuring in the Garden by Tracey Steffora \(Video\)](#)  
[Balancing Act by Ellen Stoll Walsh \(Video\)](#)

## Spatial Concepts

[Lucy in the City by Julie Dillemath \(Video\)](#)  
[Up, Down, and Around by Katherine Ayres \(Video\) \(Spanish Edition\)](#)  
[10 Little Rubber Ducks by Eric Carle \(Video\)](#)  
[Over, Under, and Through by Tana Hoban \(Video\)](#)  
[Look, Grandma! Ni, Elisi! by Art Coulson \(Video\)](#)

## Geometry

[My Very First Book of Shapes by Eric Carle \(Video\)](#)  
[A Circle Here, A Square There by David Diehl](#)  
[Bear in a Square by Stella Blackstone \(Video\)](#)  
[Color Farm by Lois Ehlert \(Video\)](#)  
[Cubes, Cones, Cylinders, & Spheres by Tana Hoban](#)  
[The Secret Birthday Message by Eric Carle \(Video\)](#)  
[When a Line Bends...A Shape Begins by Rhonda Gowler Greene \(Video\)](#)  
[Color Zoo by Lois Ehlert \(Video\)](#)  
[The Silly Story of Goldie Locks and The Three Squares by Grace MacCarone \(Video\)](#)  
[The Shape of Things by Dayle Ann Dodds \(Video\)](#)  
[Round is a Mooncake: A Book of Shapes by Roseanne Thong \(Video\)](#)  
[Circle, Square, Moose by Kelly Bingham and Paul Zelinsky \(Video\)](#)  
[Los Formas en el Arte by Rebecca Rissman](#)  
[Mouse Shapes by Ellen Stoll Walsh \(Video\) \(Spanish Edition\)](#)  
[Which One Doesn't Belong? by Christopher Danielson \(Video\)](#)