

# Upper Merion Township Library's

## STEM TITLES FOR AGES 4-6

### Science

*Ada Twist, Scientist* by Andrea Beaty

- (E BEATY)

*Charlotte the Scientist is Squished*

- by Camille Andros (E ANDROS)
- *Citizen Scientists: Be a Part of Scientific Discovery from Your Own Backyard* by Loree Griffin Burns ( 590.72 BUR 2012)
- *National Geographic Little Kids First Big Book of Why* by Amy Shields \*

*What Is a Scientist?* by Barbara Lehn

- (J 502.3 LEH 1998)

### DIY Activities

- *The 101 Coolest, Simple Science Experiments: Awesome Things To Do With Your Parents, Babysitters and Other Adults* by Rachel Miller, Holly Homer and Jamie Harrington \*
- *The Curious Kids' Science Book: 100+ Creative Hands-On Activities for Ages 4-8* by Asia Citro (PT 507.8 CIT 2015)
- *DK Children's Complete Cookbook* \*
- *Steam Kids: 50+ Science / Technology / Engineering / Art / Math Hands-On Projects for Kids* by Anne Carey (J 507.8 STE 2016)

*Tinkerlab: A Hands-On Guide for Little Inventors*

by Rachele Doorley

- (PT 600 DOO 2014)

### Picture Book Biographies

- *Ada Byron Lovelace and the Thinking Machine* by Laurie Wallmark (JB LOVELACE 2015)
- *The Boy Who Loved Math: The Improbable Life of Paul Erdos* by Deborah Heiligman (JB ERDOS 2013)
- *The Girl Who Thought in Pictures: The Story of Dr. Temple Grandin* by Julia Finley Mosca \*
- *Grace Hopper: Queen of Computer Code* by Laurie Wallmark (JB HOPPER 2017)
- *Manfish: A Story of Jacques Cousteau* by Jennifer Berne (JB COUSTEAU 2008)
- *Margaret and the Moon: How Margaret Hamilton Saved the First Lunar Landing* by Dean Robbins (J 629.45 ROB 2017)
- *On a Beam of Light: A Story of Albert Einstein* by Jennifer Berne (JB EINSTEIN 2013)
- *Shark Lady: The True Story of How Eugenie Clark Became the Ocean's Most Fearless Scientist* by Jess Keating \*
- *Snowflake Bentley* by Jacqueline Briggs Martin (CALDECOTT E MARTIN)
- *Star Stuff: Carl Sagan and the Mysteries of the Cosmos* by Stephanie Roth Sisson (JB SAGAN)
- *The Tree Lady: The True Story of How One Tree-Loving Woman Changed a City Forever* by H. Joseph Hopkins (JB SESSIONS 2013)
- *The Watcher: Jane Goodall's Life with the Chimps* by Jeanette Winter (JB GOODALL 2011)
- *Whoosh!: Lonnie Johnson's Super-Soaking Stream of Inventions* by Chris Barton (JB JOHNSON 2016)
- *Who Says Women Can't Be Doctors?: The Story of Elizabeth Blackwell* by Tanya Lee Stone (JB BLACKWELL)
- *The World Is Not a Rectangle: A Portrait of Architect Zaha Hadid* by Jeanette Winter (JB HADID 2017)

## Animals

- *A Butterfly Is Patient* by Dianna Hutts Aston (595.78 AST 2011)
- *Diary of a Worm* by Doreen Cronin (E CRONIN)
- *DK First Animal Encyclopedia* (J 590 ARL 2004)
- *First the Egg* by Laura Vaccaro Seeger (E SEEGER)
- *I'm Trying to Love Spiders* by Bethany Barton (J 595.4 BAR 2015)
- *Lifetime: The Amazing Numbers in Animal Lives* by Lola M. Schaefer (J 591.56 SCH 2013)
- *Over in the Jungle: A Rainforest Rhyme* by Marianne Collins Berkes (E COUNTING BERKES)
- *A Nest Is Noisy* by Dianna Hutts Aston (J 591.56 AST 2015)
- *Parrots Over Puerto Rico* by Susan L. Roth and Cindy Trumbore (J 598.7 ROT 2013)
- *Who Am I?* by Steve Jenkins (E JENKINS)

## Human Body

- *Bones* by Steve Jenkins ( 573.76 JEN 2010)
- *The Busy Body Book* by Lizzy Rockwell (E ROCKWELL)
- *DK First Human Body Encyclopedia* \*
- *From Head to Toe* by Eric Carle (E CARLE)
- *I Hear a pickle (And Smell, See, Touch, and Taste It, Too!)* by Rachel Isadora (E ISADORA)
- *Inside Your Outside!* by Tish Rabe \*
- *The Magic School Bus Inside the Human Body* by Joanna Cole (J ILLS. FIC. COLE)
- *Me and My Amazing Body* by Joan Sweeney \*
- *My Five Senses* by Alikei \*
- *Seven Blind Mice* by Ed Young (E YOUNG)

## Weather/Seasons

- *Best In Snow* by April Pulley Sayre (E SAYRE)
- *Calendar* by Myra Cohn Livingston (E LIVINGSTON)
- *Cloudette* by Tom Lichtenheld (E LICHTENHELD)
- *Leaves* by David Ezra Stein (E STEIN)
- *Old Bear* by Kevin Henkes (E HENKES)
- *Our Seasons* by Grace Lin \*
- *Over and Under the Snow* by Kate Messner (E MESSNER)
- *Raindrops Roll* by April Pulley Sayre (J 551.48 SAY 2015)
- *Water is Water* by Miranda Paul (J 551.48 PAU 2015)
- *The Wind Blew* by Pat Hutchins (E HUTCHINS)

## Nature

- *Because of an Acorn* by Lola M. Schaefer \*
- *Grand Canyon* by Jason Chin (J 557.9132 CHI 2017)
- *Growing Vegetable Soup* by Lois Ehlert (E EHLERT)
- *In a Small, Small Pond* by Denise Fleming (E FLEMING)
- *Jack's Garden* by Henry Cole (E COLE)
- *Over and Under the Pond* by Kate Messner (E MESSNER)
- *A Rock Is Lively* by Dianna Hutts Aston (J 552 AST 2012)
- *A Seed is Sleepy* by Dianna Hutts Aston (J 581.4 AST 2007)
- *The Tiny Seed* by Eric Carle (E CARLE)
- *Up in the Garden and Down in the Dirt* by Kate Messner (J 635 MES 2015)

## Outer Space

- *If You Decide to Go to the Moon* by Faith McNulty (E MCNULTY)
- *Little Kids First Big Book of Space* by Catherine D. Hughes \*
- *Papa, Please Get the Moon for Me* by Eric Carle (E CARLE)
- *The Sun Is My Favorite Star* by Frank Asch (E ASCH)
- *Zoom, Rocket, Zoom!* By Margaret Mayo (E MAYO)

## Math

- *20 Hungry Piggies* by Trudy Harris (E COUNTING HARRIS)
- *Actual Size* by Steve Jenkins (E JENKINS)
- *Feast for Ten* by Cathryn Falwell \*
- *Inch by Inch* by Leo Lionni (E LIONNI)
- *The Long and Short of It* by Cheryl Nathan \*
- *Mouse Shapes* by Ellen Stoll Walsh (E SHAPES WALSH)
- *A Pair of Socks* by Stuart J. Murphy (E MURPHY)
- *Pattern Fish* by Trudy Harris (E HARRIS)
- *Peg + Cat: The Pizza Problem* by Billy Aronson and Jennifer Oxley \*
- *Perfect Square* by Michael Hall (E HALL)
- *Quack and Count* by Keith Baker (E COUNTING BAKER)
- *Round Is a Mooncake* by Roseanne Thong \*
- *Shape by Shape* by Suse Macdonald \*
- *Ten Terrible Dinosaurs* by Paul Stickland (E COUNTING STICKLAND)
- *Who Sank the Boat?* By Pamela Allen (E ALLEN)