

## Science, Scientists, the Scientific method including covid research

TAR

Book List

Nov. 4, 2020

Intro: What is more fun than Science? Science is about making mistakes that work! It is about experiments and discovery! Reading books about Science and Scientists will capture Young People's curiosity. Books can help Teachers and Families to do fun experiments.

Engaging Young People in Science will help make a better world for everyone! Like the first sentence says: "What is more fun than Science"!

Do not forget to read the books first before sharing them with the students. Start a Teachers as Readers (TAR) group in your school. Become "A Student of Teaching"!

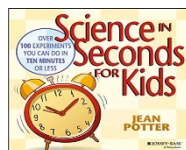
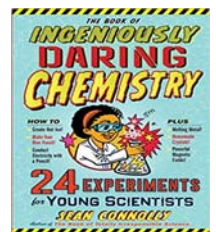
### Books with Project

Awesome Science Experiments for Kids by Crystal Chatterton

The Book of Ingenious Daring Chemistry by Sean Connolly

The Book of Totally Irresponsible Science by Sean Connolly

The 101 Coolest Simple Science Experiments, awesome things to do with your Parents, Babysitters and other Adults by Rachel Miller, Holly



Homer & Jamie Harrington (notes on level of supervision needed)

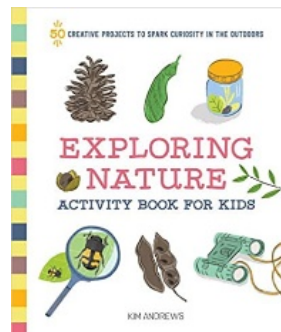
The Curious Kids Science Book, 100 + Creative Hands-on Activities for ages 4-8 by Asia Citro, Med .

The Everything Kids Science Experiment Book, Boil ice, float water ,measure gravity, Challenge the world around you by Tom Robinson (Ages 7-12)

Exploring Nature Activity Book for Kids: 50 Creative Projects to Spark Curiosity in Outdoors by Kim Andrews

Gardening Labs for Kids 52 Fun Experiments by Renata Brown

Kitchen Science Lab for Kids, 52 Family Friendly Experiments from Around the House by Liz Lee Heinecke (toddlers & older)



The Mason Jar Scientist by Brenda D. Priddy (ages 7-11)

150 Screen-Free Activities for Kids by Asia Citro

Science in Seconds for Kids, over 100 Experiments You can do in Ten Minutes or Less by Jean Potter(8-12)



Smithsonian Maker LAB by Jack Challoner 28 Super Cool Projects, Build-Invent-Create-Discover by Jack Challoner (ages 8-12)

Smithsonian Maker LAB Outdoors, 25 Super Cool Projects, Build-Invent-Create-Discover by Jack Challoner (ages 8-12)

## Middle School Books

Abby invents Unbreakable Crayons by Dr. Arlyne Simon and Dianna Neculescu

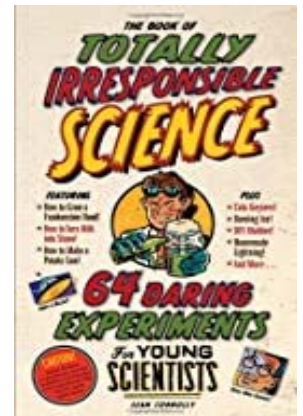
The Bacteria Book by Steve Mould (Appealing Grosser side of Kids)

The Boy Who Harnessed the Wind (Young Readers Edition) by Wiliam Kamwamba and Bryan Mealer

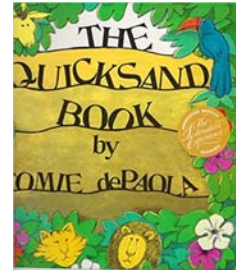
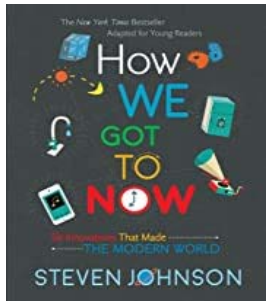
Calling All Minds by Temple Grandin

The Element in the Room by Mike Barfield (elements that make up matter)

Everything Rocks and Minerals National Geographic book



Girls Think Everything: Stories of Ingenious Inventors by Women by Catherine Thimmesh and Melissa Sweet



Groundhog Weather School by Joan Holub

How Much is A Million by David M. Schwartz

How we Got to Now by Steven Johnson

I Use Science Tools (My Library) by Kelli Hicks

Kate the Chemist Series by Kate Biberdorf

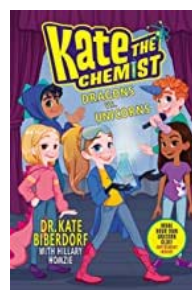
The Quicksand Book by Tomie dePaola

Nick and Tesla Series by Steve Hockensmith and Bob Pflugfelder (11 yr. old inventors who live with Uncle Newt and solve problems using Science and Technology)

What is Science by Rebecca Kai Dotlich and Sachiko Yashikawa

## Picture Books ( Science Book Authors)

Aliki



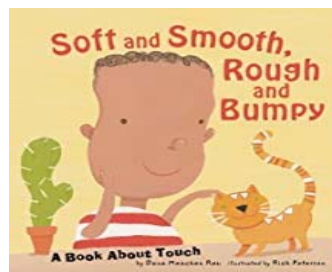
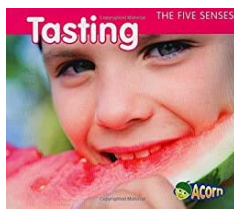
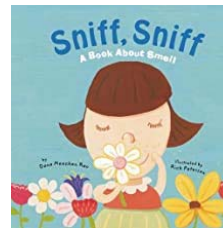
My Five Senses

My Hands

My Feet

Eric Carle

The Very Hungry Caterpillar



The Tiny Seed

Gail Gibbons

Hurricanes

Planet Earth/Inside out

Stargazers

The Vegetables We Eat

Weather Forecasting

Linda Tagliaferro

Bears and Their Cubs

Birds and Their Nests

Dogs and Their Puppies

## Lois Ehlert

Pie in the Sky

Planting a Rainbow

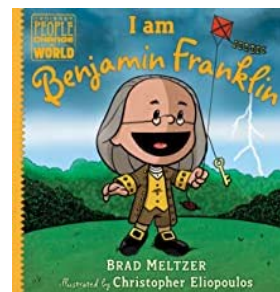
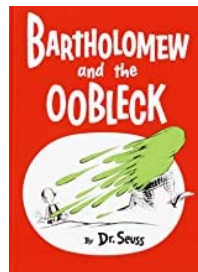
Red Leaf, Yellow Leaf

## Margaret Hall

Cows and Their Calves

Elephants and Their Calves

Lady Bugs



## Others

ABC Doctor: Staying Healthy From A to Z by Harriet Ziefert

30 Animals That Share Our World edited by Jean Reynolds+

Bartholomew and the Oobleck by Dr. Seuss

Bodach and Leaves by Vijaya Khisty

The Carrot Seed by Ruth Krauss

A Child's Organic Garden: Grow Your Own Delicious Nutritious Food by Lee Fryer and Leigh Bradford

Caves by Roma Gans

Flowers by Vijaya Khisky

Flower Garden by Eve Bunting

Growing Vegetable Soup by Lois Ehlert

I am Albert Einstein by Brad Meltzer

I am Benjamin Franklin by Brad Meltzer

If You Were An Ant by S.J. Calder

It's A Good Thing There Are Insects by Allan Fowler

It's Pumpkin Time by Zoe Hall

Living or Nonliving? By Kelli Hicks

PBS-NOVA Science Trust

The Poetry of Science: The Poetry Friday for Science for Kids by Sylvia Vardell and Janet Wong

Science in a Bag by Sandra Markle

Secrets of Nature: Keeping Safe by Sara Waters

Sharks by Ann McGovern

Sniff, Sniff A Book about Smell by Dana Meachen Rau

Soft and Smooth, Rough and Bumpy: A book about Touch by

The Spider Makes a Web by Joan M. Lexau

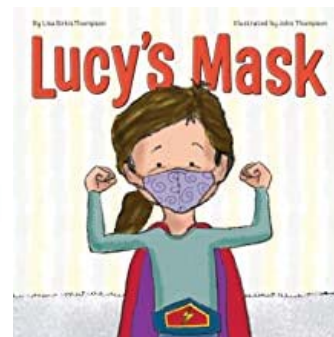
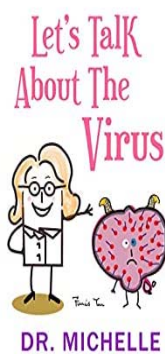
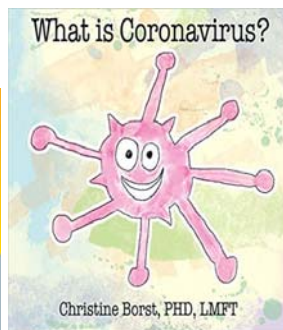
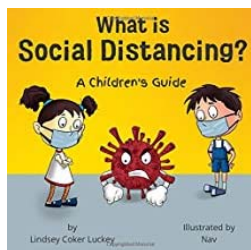
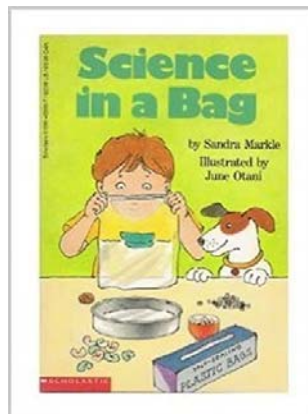
The Story of George Washington Carver by Eva Moore

Tasting by Rebecca Pissman

Tropical Rain Forest by April Pulley Sayre



Wonders of Science by Melvin Berger



Coronavirus Books

A Kids Book About Covid-19 by Malia Jones

A unique Start from 6 Feet Apart by Emily Oquendo



Anna and the Germ that Came to Visit by Christianne Klein, Helene Van Sant-Klein

Billie and the Brilliant Bubble: Social Distancing for Children by Tara travieso

Coronavirus A Book for Children by Kate Wilson, Elizabeth Jenner, and Nia Roberts

The Day the Lines Changed ( An inspiring story about line, a Pandemic, and how change shapes us all) by Kelly Donner

Just for Kids: A Comic Exploring the New Coronavirus by NPR

Learn About the Coronavirus Coloring Book and Activity Book by St. Judes

Let's Talk About the Virus Dr. Michelle by Dr. Michelle

Lucy's Mask by Lisa Sirkis Thompson

Paula and the Pandemic by Dorothea Laurence

The Princess in Black and the Case of the Coronavirus by Shannon Hale Dean Hale, and Lee Uyen Pham

School Is Different This Year and That's O.K. by Julie Bair

Social Distancing for Children by Tara Travieso What is Coronavirus? By Christine Borst, PHD

A Book What Happens When Coronavirus Changes EVERYTHING? to talk to Kids About Covid-19 by Sara Olsher

What is a Pandemic and How Can You Stay Safe? By Naomi )'Brien and LaNesha Tabb

When You Can't See Me Smile: A Book for Children to help Express and Understand emotions, moods and feelings while wearing a mask by Emily Alston