National Science Reading Day
Reading List Suggestions

Magazines:

***Chirp* magazine** **(ages 3-6)** inspires learning with science experiments, colourful pages, silly jokes, engaging stories, and early-learning activities.

OKIDO **(ages 3-5)** is an arts and science magazine for kids that offers young readers playful activities and media designed by education experts.

***Chickadee* magazine** **(6-9)** offers interactive stories, puzzles, animal features, and science experiments.

ASK **(6-9)** is a children's scientific magazine that introduces science, history, inventors, and artists.

Les Explorateurs ***(*****6-10)** contains illustrated stories about animals, nature, and the environment.

***OWL* magazine** **(9-13)** is loaded with cool tech news, expert interviews, ground-breaking discoveries and innovations, futuristic inventions, DIY activities, and much more.

Les Débrouillards **(9-14)** features animals, nature, the environment, technology, science, and fun experiments.

MUSE **(9-14)** is an arts and science magazine containing facts, jokes, and more.

Science World **(ages 12+)** empowers students with science news and hands-on investigations that span scientific disciplines.

Books:

Baby Animals with Their Families **by Suzi Eszterhas (ages 3-6)** is filled with adorable, high-quality photographs.

Ray **by Marianna Coppo (ages 3-7)** is a humorous picture book about the adventures of a light bulb.

The Trouble with Time Travel **(ages 3-7) by Stephen W. Martin and Cornelia Li From (ages 3-7)** is a picture book about a young girl who accidentally breaks her family's special vase, so she builds a time machine to go back to fix her mistake.

Sprout, Seed, Sprout! **by Annika Dunklee and Carey Sookocheff (ages 3-7)** is a story about a young boy who learns how to grow a plant.

Why? **by By Catherine Ripley and Scot Ritchie (ages 3-7)** is a question and answer book that covers everyday mysteries about nature and science.

How**? by By Catherine Ripley and Scot Ritchie (ages 3-7)** provides kid-friendly explanations for nearly 100 questions about nature, animals, people, and places.

STEAM Activity Book **by the editors of *Chirp*, *Chickadee*, and *OWL* (ages 3-12)** contains over 50 pages of activities, experiments, and lesson guides that augment the Canadian science curriculum.

Ocean Speaks **by Jess Keating and Katie Hickey (ages 4-8)** is a picture book biography about Marie Tharp, the first person to map the Earth's underwater mountain ridge.

You Are Never Alone **by Elin Kelsey and Soyeon Kim (ages 4+)** is an informational picture book that explores how humans are connected to nature.

You Are Stardust **by Elin Kelsey and Soyeon Kim (ages 4+)** introduces the idea that every atom in our bodies came from a star that exploded long ago.
Wild Ideas **by Elin Kelsey and Soyeon Kim (ages 4+)** is an informational picture book that explores how animals around the world solve problems.
Anything Is Possible **by Giulia Belloni and Marco Trevisan (ages 4-7)** is a picture book about a sheep with a big idea. She wants to build a flying machine!
Goodnight Lab **by Chris Ferrie (ages 4-8)** is a picture book about saying “goodnight" to your science lab.
Do Frogs Drink Hot Chocolate? **by Etta Kaner and John Martz (ages 4-8)** is an interactive non-fiction book that explores how different animals stay warm in cold environments.
Flow, Spin, Grow **by Patchen Barss and Todd Stewart (ages 4-8)** introduces kids to some major patterns in the natural world including branching, spiraling, and spinning.
Traveling Butterflies **by By Susumu Shingu (ages 4-8)** explores the monarch butterfly’s amazing migration and life cycle.
When Planet Earth Was New **by James Gladstone and Katherine Diemert (ages 4-8)** is a picture book that looks back to the very beginning of our planet and explores how it has changed over time.
Earthrise **by James Gladstone and Christy Lundy (ages 4-8)** tells the story of the Apollo 8 crew’s journey to the Moon and the important photographs they took there.
Ada Twist, Scientist **by Andrea Beaty and David Roberts (ages 5+)** is a picture book about a young scientist whose head is always full of questions.
How Cities Work **by Jen Feroze and James Gulliver (ages 8+)** is an interactive non-fiction book that teaches young readers facts about cities, how subways work, and more.
Rosie Revere, Engineer **by Andrea Beaty and David Roberts (ages 5+)** is a picture book about pursuing one’s dreams and learning to celebrate failures along the way.
Counting on Fall **by Lizann Flatt and Ashley Barron (ages 5-7)** is a picture book that explores the many numbers, patterns, and shapes in the natural world.
It's About Time **by Pascale Estellon (ages 5-8)** follows friends Jacob and Lily as they unravel the abstract concept of time in a kid-friendly and fun way.
Little Cloud: The Science of a Hurricane **by Johanna Wagstaffe and Julie McLaughlin (ages 6-8)** is a non-fiction picture book about how hurricanes are formed.
Shark Bait! **by Jeff Szpirglas and Danielle Saint-Onge (ages 6-8**) is an early chapter book about a young girl who gets a chance to see a shark in real life while taking sailing lessons.
Disgusting Critters **by Elise Gravel (ages 6-9)** is a hilarious illustrated non-fiction series about disgusting creatures.
Look at the Weather **by Britta Teckentrup and Shelley Tanaka (ages 7+)** is an illustrated non-fiction book about different kinds of weather.
Space Atlas **by Tom Jackson (ages 7+)** is an illustrated guide to learning all about our galaxy.
Science Experiments At Home **by Susan Martineau and Vicky Barker (ages 7+)** is a collection of easy science experiments to try at home.
Acting Wild **by Maria Birmingham and Dave Whamond (ages 7-10)** is a fun non-fiction book that introduces several different behaviours that humans and animals share.

How Emily Saved the Bridge **by Frieda Wishinsky and Natalie Nelson (ages 7-10)** tells the story of Emily Warren Roebling and the building of the Brooklyn Bridge.
Moto and Me **by Suzi Eszterhas (ages 7-10)** tells the remarkable first-hand story of wildlife photographer Suzi Eszterhas's care for an orphaned baby serval—a small, spotted wildcat—in Kenya.
Pretty Tricky: The Sneaky Ways Plants Survive **by Etta Kaner and Ashley Barron (ages 7-10)** is a non-fiction book that introduces readers to the tricky techniques some plants use to defend themselves, reproduce, or acquire food.
This Book Thinks You're a Scientist **by London Science Museum (ages 7-10)** is an interactive non-fiction book that helps kids learn key scientific areas.
Worms for Breakfast **by Helaine Becker and Kathy Boake (ages 7-10)** is a question and answer book that's all about animals and the food they eat.
Mary Anning's Curiosity **by Monica Kulling and Melissa Castrillon (ages 7-12)** is a novel that reimagines the childhood of Mary Anning, considered the world's greatest fossilist, who discovered her first big find at the age of twelve.
101 Great Science Experiments: A Step-by-Step Guide **by Neil Ardley (ages 8-12)** is a fun step-by-step science experiment book for children and adults to try.
A Beginner's Guide to Immortality **by Maria Birmingham and Josh Holinaty (ages 8-12)** takes readers on a tour of several wacky and wise methods humans have used to try prolonging their lives throughout time.
Biometrics **by Maria Birmingham and Ian Turner (ages 8-12)** explores the science of using the body to identify a person in detail.
The Book of Languages **By Mick Webb From (ages 8-12)** is a non-fiction book that explores why language is important, how it originated, and how it changes.
Elements of Genius: Nikki Tesla and the Fellowship of the Bling **by Jess Keating (ages 8-12)**
is an illustrated chapter book that follows Nikki Tesla and the rest of the Genius Academy team who try to stop a mad scientist with evil plans!
How to Save a Species **by Ellen Butcher, Jonathan Baillie, and Marilyn Baillie (ages 8-12)** is a non-fiction book about some of the most endangered animals and plants on Earth and current initiatives working to save these species.
It's Catching **by Jennifer Gardy and Josh Holinaty (ages 8-12)** is all about germs and the diseases they cause and delves into information about bacteria, DNA, genomes, and more.
Meatless? **by Sarah Elton and Julie McLaughlin (ages 8-12)** tackles the topic of vegetarianism and how it has changed over time.
Chemical World **by Rowena Rae (ages 9-12)** is a non-fiction book that examines the good and the bad of the chemicals we come into contact with in our daily lives.
Hidden Figures: Young Readers' Edition **(ages 9-12)** is a powerful story about four African-American female mathematicians at NASA who helped achieve some of the greatest moments in the space program.
The Eagle Mother **by Gyetxw Hetxw'ms (Brett D. Huson) and Natasha Donovan (ages 9-12)** explores the life cycles of eagles, how they help the ecosystem, and the traditions of the Gitxsan people located in northwestern British Columbia.

How to Become an Accidental Genius **(ages 9-12)** is a non-fiction book about inventors and innovators who have accidentally changed the world.
Rock Mammoth **by Eveline Payette and Guillaume Perreault (ages 9-12)** is a picture book about a young scientific apprentice who discovers a new mammoth species.
Stem Lab **by Jack Challoner (ages 9-12)** offers 25 hands-on experiments that explore science, technology, engineering, and math.
Not Your Typical Book About the Environment **by Elin Kelsey and Clayton Hanmer (ages 9-13)** teaches young readers about smart technologies and innovative ideas that are helping environmental issues.
Girls Who Code: Learn To Code And Change The World **by Reshma Saujani (ages 10+)** is a graphically animated book that offers easy explanations of coding principles and real-life stories of girls and women working in computer science.
How to Code **by Max Wainewright (all ages)** introduces readers to the world of coding with step-by-step instructions.
The Ultimate Book of Space **by Anne-Sophie Baumann Olivier Latyck (all ages)** is an interactive book about outer space and is filled with flaps, pop-ups, pull tabs, and movable parts.

Websites:
letstalkscience.ca/Resources/Activities-Try-These is a source of hands-on activities designed to explore science in everyday life.
amnh.org/explore/ology is a science website for kids from the American Museum of Natural History.
billnye.com keeps you up to date with the famous “science guy.”
brainpop.com is a fun and interactive learning resource.
cbc.ca/kidscbc2 is a resource for videos, activities, quizzes, and fun facts.
chem4kids.com offers basic chemistry help for kids and adults.
chemicool.com helps kids learn about the periodic table of elements.
climatekids.nasa.gov is NASA’s climate learning resource for kids.
dkfindout.com/us is DK publishing’s learning website for kids.
dogonews.com/category/science is a source of news and science articles for kids.
easyscienceforkids.com is a free learning resource for kids.
edutopia.org is a learning resource founded by filmmaker George Lucas and dedicated to improving K-12 education.
funology.com offers fun ideas and activities to help kids learn and fight boredom.
howthingsfly.si.edu is the Smithsonian National Air and Space Museum’s interactive aviation website.
kids.alma.cl is the ALMA observatory’s website for kids.
kids.frontiersin.org is a resource for scientific articles for kids.
loc.gov/rr/scitech/mysteries/archive.html is an archive of questions and answers to everyday mysteries.
nasa.gov/kidsclub is NASA’s resource for children to learn about NASA and play games that encourage STEM learning.
okgosandbox.org teaches kids about science through OK Go’s fun music videos.

owlconnected.com offers age-appropriate (ages 9-13) daily science, tech, sports, and entertainment news, and general knowledge/how-stuff-works videos.
owlkids.com/audio is where you can find audio versions of stories read by Canadian authors.
owlkids.com/chirpscience is a collection of Chirp science videos.
owlkidsbooks.com/ResourcesActivities/TeacherGuides.aspx offers guides for using Owlkids Books for STEAM learning.
popsci.com/tags/kids is Popular Science's online learning resource for kids.
Sci-news.com is a daily source of breaking science news.
Science.howstuffworks.com is HowStuffWorks' science news website.
Sciencejournalforkids.org is an online science magazine for kids (and their teachers).
sciencekids.co.nz is an online resource of science and technology for kids.
Sciencenewsforstudents.org offers daily science news for students.
Sciod.ca is the homepage of Science Odyssey, a Canadian campaign that promotes achievements in STEAM.
stellarium-web.org is an online planetarium that shows a realistic star map and lets kids explore the night sky.
youtube.com/channel/UC1OHoETxoYa3Uvyc3hh8g0A is a YouTube channel called Science Max that takes all the science experiments you've ever done at home to the next level.
youtube.com/OWLmagazine is Owlkids' online resource for easy crafts, recipes, and science experiments.