

September: Let's Celebrate!

Are you looking for something fun and educational to do at home? Check out these library recommended STEAM activities, programs, podcasts and more! Click the links to visit activities and books.

For more ORL STEAM content visit: www.orl.bc.ca/steam

SCIENCE

Labour Day - September 7th

Activities:

[Pre-School: Community Helpers - Puzzles](#)

[Women Inventors: A list of women inventors and the fascinating things they invented.](#)

[Rocks in My Pocket: For children years ago, rock collecting was a way of life.](#)

Books to Read:

[This Promise of Change, One Girl's Story in the Fight for School Equality](#)

by Jo Allen Boyce

[STEM Careers: Reinventing Robotics](#) by Saskia Lacey

[Careers in Virtual Reality Technology](#) by Josh Gregory

Interesting Fact about Labor Day: Labour Day was founded in Toronto in 1872



Aerospace Week – Sept 13 to 19

Activities:

[Space to Play: NASA STEM @ Home For Students Grades K-4](#)

[Out of this World: NASA STEM @ Home For Students Grades 5-8](#)

[Experience NASA: NASA STEM @ Home For Students Grades 9 - 12](#)

Books to Read:

[Rockets: Defying Gravity](#) by Anne Drozd

[You Can Draw Rockets](#) by Mark Bergin

[The Space Barons: Elon Musk, Jeff Bezos, and the Quest to Colonize the Cosmos](#) by Christian Davenport

Interesting Fact about Aerospace: The Boeing 747 wing-span (195 feet) is longer than the Wright Brothers first flight of 120ft.

ART

Science Week – Sept 20 to 26

Activities:

[Outdoor Science: Biodiversity for Kids](#) - Measure the biodiversity of living things in your backyard ecosystem!

[Animal Houses: Engineering Game for Kids](#) - This nature engineering game will teach kids about ten animals and the houses they build.

[Water Pollution Experiments for Kids](#) - Gain a better understanding of cleaning water.

Books to Read:

[Biodiversity Eco Facts](#) by Izzi Howell

[Animalium](#) by Jenny Broom

[If Elephants Disappeared](#) by Lily Williams

Interesting Fact about Biodiversity: Although tens of thousands of plant species can be grown for food, just 12 crops supply 80 percent of the world's food supply, including soy.

Observe the Moon Night – Sept 27 to 30

Activities:

Observing the Moon Resources (NASA) – Activities that make it easy to participate safely in International Observe the Moon Night at home or almost anywhere.

Phases of the Moon Game (Ages 7 – 9) – Learn how to recognize the different phases of the moon with this Yahtzee style game.

DIY Moon Phase Puzzle – Create a long puzzle for students to explore matching phases with the correct shapes and putting them in the correct order.

Books to Read:

Moon! Earth's Best Friend by Stacy McAnulty

Moon Our Neighbor In Space by Ellen Lawrence

The Moon by Christine Butler Taylor

Interesting Fact about the Moon: The Moon (or Luna) is the Earth's only natural satellite and was formed 4.6 billion years ago around some 30–50 million years after the formation of the solar system. The Moon is in synchronous rotation with Earth meaning the same side is always facing the Earth.

