

December 2022 - Let It Snow!

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

Make a Gift Day - December 3rd

Activities:

[Make and Give: Candle Carousel](#) – Elementary

[Make and Give: Paper Lantern](#) – Middle School

[Make and Give: Bath Bombs](#) – Middle School

Books to Read:

[101 Great Gifts Kids Can Make](#) – Mueller, Stephanie R.

[Holiday Gifts Kids Can Make](#) – eBook

[Trash-To-Treasure Papermaking](#) – Grummer, Arnold E.

Make a Gift Day:

We love gifts that have a personal touch so much! Celebrated on December 3 each year, this unofficial holiday encourages people to create gifts for their loved ones, instead of relying on ready-made goods.



Nobel Prize Day - December 10th

Activities:

[Nobel Peace Prize for Kids](#) – Elementary

[Boom, Crash, Fun!](#) – Middle School

[Build a Functioning Heart Model](#) – School Aged

Books to Read:

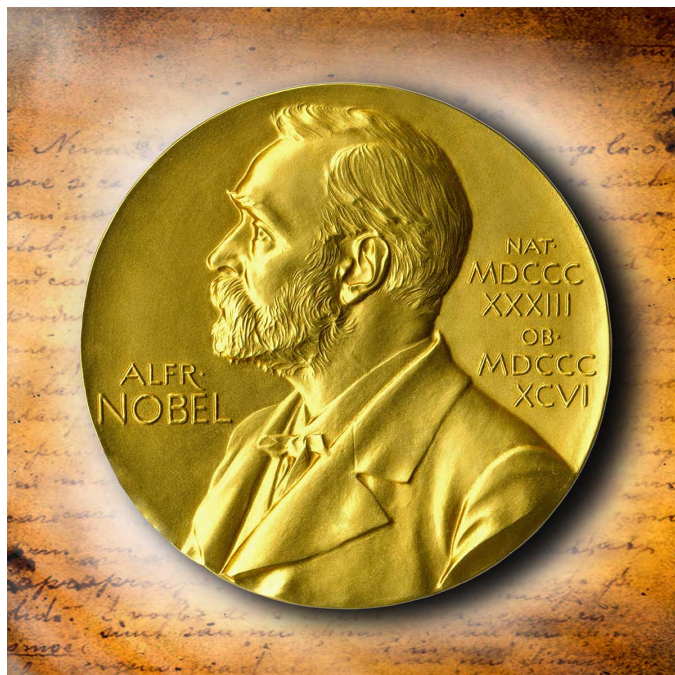
[Malala Yousafzai](#) – Sanchez Vegara, Ma Isabel

[Planting Peace](#) – Hooks, Gwendolyn

[I Am Marie Curie](#) – Meltzer, Brad

Nobel Prize Day

On December 10th, Nobel Prize Day recognizes the annual award established by Alfred Nobel. Nobel directed his enormous fortune to be used to establish prizes to award those who had done their best to benefit humankind. Each prize would recognize the fields of physics, chemistry, medicine, literature, and peace.



Winter Solstice - December 21st

Activities:

[Ice Balloons Science Experiment](#) – All ages

[Snow Storm in a Jar](#) – All ages

[Frozen Erupting Snow Balls](#) – All Ages

Books to Read:

[The Winter Solstice](#) – Jackson, Ellen

[The Shortest Day: Celebrating the Winter Solstice](#) – Pfeffer, Wendy

[The Shortest Day](#) – Cooper, Susan

Winter Solstice:

The winter solstice, also called the hibernal solstice, occurs when either of Earth's poles reaches its maximum tilt away from the Sun. This happens twice yearly, once in each hemisphere (Northern and Southern). For that hemisphere, the winter solstice is the day with the shortest period of daylight and longest night of the year, when the Sun is at its lowest daily maximum elevation in the sky. Either pole experiences continuous darkness or twilight around its winter solstice. The opposite event is the summer solstice.



Bicarbonate of Soda Day - December 30th

Activities:

[Making Honeycomb](#) – All ages

[Baking Soda Rocket](#) – Middle School

[Monster Tea Party](#) – All ages

Books to Read:

[501 Amazing Uses for Salt, Vinegar, Baking Soda, Olive Oil & Lemons](#) – Westdale, Laura

[Baking Day](#) – Shaw, Natalie

[Holiday Crafting and Baking With Kids](#) – Strand, Jessica

Bicarbonate of Soda Day:

While the origins of this holiday are unknown, we can all safely assume that whoever created this holiday, not only wanted to give a shout out to one of the most used chemical compounds in the history of mankind, but also wanted to encourage people to use it more and more in their daily lives.

