

Artsy April

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.

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SCIENCE

Earth Day – April 22

Activities:

[Earth day activities](#)– All Ages

[Plant a tree](#) – All Ages

[Trees of Canada](#) – All Ages



Books to Read:

[How to Help the Earth](#) by Rabe, Tish,

[Earth](#) by McAnulty, Stacy

[Mother Earth. Volume 2, Science to the Rescue](#) by Lee, Lydia

Facts about Earth Day: The first Earth Day was in 1970. It is known as “**International Mother Earth Day**” around the world. There is an official [Earth Anthem](#) which was written in 2013 by Indian poet Abhay Kumar. It has been translated in dozens of languages, including all official United Nations languages.

People of all ages can march, plant trees, clean up their communities, and reduce waste in their own homes (or even try zero waste).





[Richter Scale Day – April 15](#)

Activities:

[Make an Earthquake](#) - Kids

[Build an Earthquake proof structure](#) - Elementary and up

[Earthquake machines](#) - Teen and Adults

Books to Read:

[The San Francisco Earthquake, 1906](#) by Tarshis, Lauren,

[Saving Animals After Earthquakes](#) by Markovics, Joyce L,

[Earthquakes Through Time](#) by Harris, Nicholas,

Facts about Richter Scale Day: The Richter scale is a scale that is used to express the magnitude of an earthquake on the basis of the size of seismograph oscillations. It was developed by **Charles Richter** in 1935. No one knows who founded this day but we commemorate April 26th to honor the birth of Charles Richter, the founder of the Richter scale — the very first instrument used to measure earthquakes. It is also known as Richter magnitude scale. It is used to measure the intensity of the earthquake. The largest earthquake ever recorded on a Richter scale is 9.5.



International Day of Human Space Flight – April 12

Activities:

Make your own Solar system- Ages 5 and above

Oreo cookie moon phases- Ages 5 and above

Build a bottle rocket- Ages 10 and above

Books to Read:

Hidden Figures: The True Story of Four Black Women and the Space Race, Margot Lee

Professor Astro Cat's Frontiers of Space, Walliman, Dominic, Dr.

Living in Space, Beckett-Bowman, Lucy

Interesting Facts about International Day of Human Space Flight : 12 April

1961 was the date of the first human space flight, carried out by Yuri Gagarin, a Soviet citizen. This historic event opened the way for space exploration for the benefit of all humanity. The Declaration further recalls “the amazing history of human presence in outer space and the remarkable achievements since the first human spaceflight, in particular **Valentina Tereshkova** becoming the first woman to orbit the Earth on 16 June 1963, **Neil Armstrong** becoming the first human to set foot upon the surface of the Moon on 20 July 1969, and the docking of the Apollo and Soyuz spacecrafts on 17 July 1975, being the first international human mission in space, and recall that for the past decade humanity has maintained a multinational permanent human presence in outer space aboard the International Space Station.”

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Man Enters Space

'So Close, Yet So Far,' Sighs Cape U.S. Had Hoped For Own Launch

CAPE CANAVERAL, Fla. (AP) — The Redstone rocket which the United States had hoped would boost the first man into space stands on a launching pad here. The Soviet Union had its first date by at least two weeks.

"So close, yet so far," commented a technician who is helping groom the Redstone to send one of America's astronauts on a short sub-orbital flight, hopefully into this month or early in May.

"I wish I had those time-lapse and cut-out on the clock and I wish the press we could have made it," the technician said.

"But you have to give the Russians a remarkable credit," the technician added.

The Redstone rocket, developed by the National Aeronautics and Space Administration, will



Soviet Officer Orbits Globe In 5-Ton Ship

Maximum Height Reached Reported As 188 Miles

MOSCOW (AP)—A Soviet astronaut has orbited the globe for more than an hour and returned safely to receive the plaudits of scientists and political leaders alike. Soviet announcement of the feat brought praise from President Kennedy and U.S. space experts but behind in the contest to put the first man into successful space flight.

By the Soviet account, Maj. Yuri Alekseyevich Gagarin, pilot a five-ton spaceship once around the earth in an orbit taking an hour and 23 minutes. He was in the air a total of an hour and 48 minutes.

The whole sequence of events and the announcements relating to it raised a number of questions. The Soviet announcement said the flight took place today between 9:07 and 10:55 a.m. but some persons in Moscow's Western embassy were skeptical that the feat actually occurred.

YON BRAUN'S REACTION:

'To Keep Up, U.S.A. Must Run Like Hell'

World Art Day – April 15

Activities:

Salt painting – 5 and up

Leaf print – Elementary and up

Zentangle – Adults

Books to Read:

A Is for Art by Stephen T. Johnson

Native American Art by Stoltman, Joan

How Art Works by Hull, Sarah



Interesting Fact about Art Day: The date was decided in honor of the birthday of **Leonardo da Vinci**. Da Vinci was chosen as a symbol of world peace, freedom of expression, tolerance, brotherhood and multiculturalism as well as art's importance to other fields. Each year, on 15 April, celebrations help reinforce the links between artistic creations and society, encourage greater awareness of the diversity of artistic expressions and highlight the contribution of artists to sustainable development. Art is made when a human expresses himself or herself. There is much to learn, share and celebrate on World Art Day, and UNESCO encourages everyone to join in through various activities.

What kind of art are you going to make?

