



Science Activities

Citizen Science Month

Citizen Science Month is an annual effort in April focusing on all things citizen science: amazing discoveries, incredible volunteers, hardworking practitioners, inspiring projects, and anything else citizen science-related! Even in the current climate, there are many opportunities for conducting safe citizen science to fight disease, track migratory birds, study animal behaviour, and more...collaboratively. For more information and how to get involved visit:

<https://scistarter.org/citizensciencemonth>

Global Astronomy Month

This month encourages people to look up at the sky to see what they can see. This link gives to an idea of what to look for:

<https://www.space.com/33974-best-night-sky-events.html>

Jodrell Bank also have a page that they update with interesting things to see each month:

<http://www.jb.man.ac.uk/astronomy/nightsky/>

Plus there is also plenty of information on the International Space Station website:

https://www.nasa.gov/mission_pages/station/main/index.html

7th April - World Health Day

In this International Year of the Nurse and the Midwife, World Health Day will highlight the current status of nursing and around the world.

Follow this link to find out how to get involved:

<https://www.who.int/news-room/campaigns/world-health-day/world-health-day-2020>

Follow this link to download resources on how to be a Disease Detective (aimed at Y7-9 students):

https://www.nisenet.org/catalog/programs/disease_detectives_middle_school_outreach_program

6th April - 12th April - Robotics week

The mission of RoboWeek is simple — to inspire students in STEM-related fields and to share the excitement of robotics with audiences of all ages.

Follow this link to find more resources and things to do:

<https://www.nationalroboticsweek.org/Resources>

Download the free Is That Robot Real? book following this link:

<http://www.lulu.com/shop/sciencenter-ithaca-ny/is-that-robot-real/ebook/product-17451908.html>

22nd April - Earth Day

The theme for Earth Day 2020 is climate action. The enormous challenge — but also the vast opportunities — of action on climate change have distinguished the issue as the most pressing topic for the 50th anniversary.

Climate change represents the biggest challenge to the future of humanity and the life-support systems that make our world habitable.

Follow this link to find out how to get involved:

<https://www.earthday.org/>

20th - 24th April - National Environmental Education Week

The National Environmental Education Foundation (NEEF) is the nation's leading organisation in lifelong environmental learning, connecting people to knowledge they use to improve the quality of their lives and the health of the planet.

The following link takes you to a list of resources that includes selected NEEF toolkits and activity guides that require minimal outdoor time:

<https://www.neefusa.org/education/environmental-education-home>

25th April - DNA Day

National DNA Day is a unique day when students, teachers, and the public can learn more about genetics and genomics. The day commemorates the completion of the Human Genome Project in 2003 and the discovery of DNA's double helix in 1953.

Follow this link to find activities to do, including extracting DNA from strawberries:

<https://www.genome.gov/dna-day/get-activity-ideas>