

OCTOBER 2025 SCIENCE CALENDAR

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THE HOMESCHOOL SCIENTIST

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday & Sunday

It's Fire Prevention Month.
Change the batteries
in your smoke alarms!



6 World Space Week

[Big list of space-related activities.](#)

7 National LED Day

[STEM Challenge: Make a Traffic Light using LEDs](#)

[Make light-up greeting cards with LEDs](#)

1 It's World Animal Week

[Check out all of the animal resources here.](#)

[Wildlife Safe Passages STEM lesson & Activity](#)

[Animal Habitat Resource](#)

2 Study Oak Trees & Acorns

[Download our newest printable pack](#)

3 National Butterfly and Hummingbird Day is 10/3

[Free Butterfly Printable Lesson & Activities](#)

[Hummingbird Resources](#)

[Info from Audubon.org. Check links on the sidebar.](#)

4 & 5 [Read & Play Games](#)

[Think Fun Code Master Game](#)

[Try the CTCMath free trial](#)

13 [In October, 1644: Torricelli Demonstrates the Existence of a Vacuum](#)

[Air pressure and partial vacuum activity1](#)
[Air pressure activity #2](#)

14 Get Ready for National Chemistry Week

[Testing for Vitamin C with Iodine - Using a pumpkin, a lemon, and more!](#)

8 Why Do Leaves Change Color in Fall?

<https://thehomeschoolscientist.com/why-leaves-change-color/>

9 It's Moldy Cheese Day

[Make A Mold Terrarium](#)

10 It's World Egg Day

[Make a Glowing Egg Osmosis Activity - video Egg & Vinegar Experiment with printable lesson](#)
[Children's Activity Packs - World Egg Organisation](#)

11 & 12 [Read & Play Games](#)

[Squishy Human Body Model with 21 removable parts](#)

[Try the CTCMath free trial](#)

20 Start of National Chemistry Week

[Over 110 Chemistry Activities for K-12](#)

21 October 22, 1938
[Invention of the xerography machine by physicist Chester Carlson.](#)

[Make a cardboard copy machine](#)
[What Thomas Jefferson Used!](#)

22 Discovery of Graphene, October 22, 2004

[Info about the discovery from the American Physics Society.](#)

[Lots of info and activities from NISE \(middle & high school\)](#)

23 It's Mole Day!

[Mole Day activities, videos, and worksheets](#)

24 National Pumpkin Day is October 25

[Pumpkin Science Activities](#)

25 & 26 [Read & Play Games](#)

[Rock Me Archimedes Game](#)

[Try the CTCMath free trial](#)

27 [In October 1914, Pierre & Marie Curie try out their mobile x-ray units used during WW I.](#)

[High School Activities - Check sidebar](#)
[Excellent teaching resource on Xrays - there are videos and lessons.](#)

28 It's Blind Awareness Month

[Study the human eye with the Eye On It! printable pack.](#)

[Braille lesson and activity](#)

29 Extract DNA from a Pumpkin

<https://thehomeschoolscientist.com/extracting-dna/>

30 Dental Hygiene Month

[FREE Dental Health Printables from The Homeschool Scientist](#)
[USE WITH THIS ACTIVITY](#)

31 Discovery of the Electron in October 1897 (Exact date not known.)

[Check out our mini-unit on atoms and molecules.](#)

[Make an Electroscope](#)
[Biography of JJ Thompson](#)

[Read & Play Games](#)
[Don't Llama Card Game](#)
[Coder Bunnyz](#)

[Try the CTCMath free trial](#)