

JULY 2026 SCIENCE CALENDAR

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday & Sunday



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1 Get Ready for the 4th of July
4th of July STEM Activities
Make Fireworks in a Dish: Learning about chemical bonds.
[1 min video on how fireworks work - from Scientific American](#)

2 Get Ready for July 5th
1867 - Andrew Ellicott Douglass Born invented the dendrochronology method used for tree-ring dating.
LOTS of tree and forestry information from the VA Forestry Service

3 First MRI on a human patient
July 3, 1977.
[Series of lessons on magnetic resonance imaging from Teach Engineering.](#) On the right side of the page are links to all of the lessons in the unit. This is a high school level.

4 & 5 Read & Play Games
Prime Club
[Check out the CTCMath half-price sale & free trial](#)

6 Clean Beaches Week
[Looking at Sand Under a Microscope](#)
[How waves affect a beach](#)
[Fun sand activities](#)

7 Heading to the Zoo or Want to Enjoy an Animal Lesson?
[Check out this Animal Ethogram activity from the National Zoo.](#)
[You can adapt it for animals in your backyard](#)

8 Birthday of Jean Picard
[Jean Picard's biography](#)
Are We There Yet? lesson and PDF
[This is for grades 4-8](#)

9 National Farriers Week
July 5 - 11
Over 70 horse resources

10 National Don't Step on a Bee Day
FREE - Over 40 Pages - The Buzz About Bees Learning Pack
(also includes some insect info too!)

11 & 12 Read & Play Games
SKYJO
[Check out the CTCMath half-price sale & free trial](#)

13 In 1944 Erno Rubik was born. He was a Hungarian inventor who invented the Rubik's cube.
[How to Make a Rubik's Cube - Video with templates.](#)

14 Shark Awareness Day
Free Shark Printable
20 Shark Activities

15 Grades 6+ - learn about oceans, code, remotely operated vehicles and more!
FREE Online Ocean-Related Course for Grades 6-8 from the Monterey Bay Aquarium

16 July 18 is Sour Candy Day
Conduct 7 sweet science experiments using candy - Scout Life magazine

17 [Looking for a free online middle school chemistry curriculum or need some activity ideas?](#)
[Check out this free one from the American Chemical Society?](#)

18 & 19 Read & Play Games
5 Second Rule Game
[Check out the CTCMath half-price sale & free trial](#)

20 National Moon Day
Moon activities and printable
Space Exploration Day
[Make a Space Station Arm](#)

21 National Moth Week
[Differences between moths & butterflies](#)
[Info & FREE printables](#)



22 7/21/1820 Hans Christian Oersted publishes a pamphlet about his discovery that an electric current could produce a magnetic field.
Read more and make an electromagnet here.

23 **Monarchs are out and about.**
[Get all the info from Monarch Watch](#)
[Lots of GREAT info on their site.](#)

24 **It's National Blueberry Month.**
[Extract DNA from blueberries.](#)

25 & 26 Read & Play Games
Quirkle
[Check out the CTCMath half-price sale & free trial](#)

27 July 27, 1848 - Roland Baron von Eötvös was born. He was a Hungarian physicist who formulated the concept of molecular surface tension.
[Water Tension Activities](#)
[Water strider lesson & activity](#)

28 **Isolating Insulin**
[July 27, 1921 - Canadian scientists Frederick Banting and Charles Best first isolated insulin](#)
[More Info for Kids About Diabetes Lesson Plan - Grades 3-5 - Kidshealth PDF](#)
[Lesson Plan - Grades 9-12- Kidshealth](#)

29 Study Roller Coasters
Roller coaster math & science activity for middle & high school from the TVA- Physics Lesson
[Make a Carnival Ride STEM Challenge](#)

30 **Ice Cream Month**
[Make Ice Cream](#)
[Explanation of the science from the Pacific Science Center](#)
[Opens as a PDF, ready to print!](#)

31 [Check out the 120+ culinary science resources.](#)
[It's Summer and insects are in the garden. It's a good time to research beneficial and harmful insects. Check out our free Insect Research Form](#)