

DECEMBER 2025 SCIENCE CALENDAR

Monday

1 Get Read for World Wildlife Conservation Day on Dec. 4
[35+ free wildlife resources from around the web.](#)
[Check out our endangered animals resources. \(Check out both pages.\)](#)
[Big list of species on the watch or endangered list.](#)

8 It's Hour of Code Week Dec 8-14 **NEW**
[Download our clickable list of over 35 free coding resources for the Hour of Code](#)

15 **Candy Cane Day is 12/26**
[Dissolving Candy Canes Experiment](#)
[Free printable for multiple grades](#)

22 On Dec. 22, 1882 Edward Johnson first debuts Christmas lights
[Christmas Lights STEM Activity](#)

29 December 30 is National Bicarbonate Day
[Science experiments using baking soda](#)

Tuesday

2 Invention of the first large-scale popcorn popping machine by Charles Cretors
[History info from Cretors](#)
[American Chemical Society printable page on the science of popcorn.](#)
[Popcorn lesson plans elementary, middle and high school](#)

9 **BIG List of Christmas-themed STEM Activities** **NEW**
[Check out our library of free math activities, games, and worksheets](#)

16 **Make Ornaments!**
[Binary Code Christmas Ornaments with printable](#) **NEW**
[Geoboard ornaments](#)
[Crystal Snowflakes](#)

23 [Make Christmas Gifts and Learn the Science of Shrinky Dinks.](#)
[Includes free printable about monomers, polymers, and copolymers](#)

30 & 31 **Make Fireworks for the New Year!**
[Fireworks Activity 1](#)
[Fireworks Activity 2 - video](#)

Wednesday

3 Flip between macro and nanoscale images of familiar objects to learn about ways that nanotechnology is inspired by nature,
[What Am I? Mystery Cards from the Natl Informal STEM Network](#)

10 In 1945 six women programmed the first modern electronic computer
[Read the story here.](#)
[List of coding resources for kids and teens.](#)

17 Wright Brother's Day
[BIG list of aviation resources - printable list!](#)
[Aircraft Engineering STEM challenge cards](#)

24 **Christmas Eve Day**
 Enjoy time with friends and family.

Thursday

4 National Handwashing Awareness Week 5-11
[Learning about germs for younger grade levels](#)
[Growing Bacteria in Agar](#)

11 Too Much Sugar During the Holidays? Then, enjoy this lesson on sugar consumption!
[Balancing the Sugar from Penn State](#)

18 Get Ready for Snow!
[Download our super-popular Science of Snow 65+ page printable](#)
[Make and compare fake snow recipes.](#)
[Keeping Warm activity from the American Chemical Society](#)

25 **MERRY CHRISTMAS**

Friday

5 World Soil Day
[Louisian Ag in the Classroom](#)
[Middle School Lesson](#)
[High School Lesson](#)
[The Secrets of Soil - Smithsonian](#)

12 Learn about Ada Lovelace an early computer science pioneer from the 1800s!
<https://www.youtube.com/watch?v=QTCW2UyaRno>
[Ada and the Thinking Machine - Book](#)

19 Bookmark this YT playlist and check out the monthly skywatching calendar.
[What's Up: Skywatching Tips from NASA JPL](#)

26 Johannes Kepler's Birthday
[YT video for younger ages](#)
[YT video for older students](#)
[Kepler's work related to tessellations](#)
[Online polypad](#)
[Lessons with the polypad](#)

Saturday & Sunday

6 & 7 **Pearl Harbor Remembrance Day**
[List of Pearl Harbor resources from Weareteachers.com](#)
[Try the CTCMath free trial](#)

13 & 14 **Read & Play Games**
[Mindware Keva Contraptions](#)
[Try the CTCMath free trial](#)

20 & 21 **Read & Play Games**
[Snap Circuits Arcade](#)
[Coding for Kids - Python](#)
[Try the CTCMath free trial](#)

27 & 28 **Read & Play Games**
[Snowflake Bentley](#)
[Try the CTCMath free trial](#)

The Key to Building Confidence in Math

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