

Wolfram Learning Resources

Tutorials

These tutorials are excellent for new users, and can be assigned to students as homework to learn Mathematica outside of class time.

- **Hands-on Start to Wolfram Mathematica**

This tutorial helps you get started with Mathematica—learn how to create your first notebook, run calculations, generate visualizations, create interactive models, analyze data, and more.

- [Free online course with live Q&A](#)
- [Book available in paperback or Kindle form](#)
- [Free on-demand training video to watch any time](#)

- **[Mathematica & Wolfram Language Fast Introduction for Math Students](#) (online book)**

Use this tutorial to learn about solving math problems in the Wolfram Language—from basic arithmetic to integral calculus and beyond.

- **[What's New in Mathematica 13](#)**

Provides a list of new functionality in Mathematica 13, and links to documentation and examples for these new features—including blockchain management, audio processing, machine learning and neural networks, and text and language processing.

- **[How To Topics](#)**

Access step-by-step instructions ranging from how to create animations to basic syntax information.

- **[Mathematica Resources](#)**

Browse Wolfram's large collection of learning materials and support resources.

- **[Introduction to Notebooks \(interactive open course\)](#)**

Learn to use Wolfram Notebooks for computing, programming, generating reports and creating presentations with this interactive course.

Teaching Resources

Mathematica offers an interactive classroom experience that helps students explore and grasp concepts, plus gives faculty the tools they need to easily create supporting course materials, assignments, and presentations.

- [Teaching and Learning with Mathematica](#)—Free video course

Learn how to make your classroom dynamic with interactive models, explore computation and visualization capabilities in Mathematica that make it useful for teaching practically any subject at any level, and get best-practice suggestions for course integration.

- [Preparing and Giving Presentations](#)

Learn how to create a slideshow presentation that combines graphics, calculations, and nicely formatted text, with live calculations or animations.

- [Wolfram Demonstrations Project](#)

Download pre-built, open-code examples from a daily-growing collection of interactive visualizations, spanning a remarkable range of topics.

- [Wolfram U Courses on Classroom Resources & Instruction](#)

Access on-demand and live courses on using Mathematica, Wolfram|Alpha, and other Wolfram technologies in your classroom.

Research Support

Rather than requiring different toolkits for different jobs, Mathematica integrates the world's largest collection of algorithms, high-performance computing capabilities, and a powerful visualization engine in one coherent system, making it ideal for academic research in just about any discipline.

- [Wolfram Language Training Courses](#)—Free video courses

Explore what's possible with the Wolfram Language, including programming fundamentals and concepts, built-in functions, symbolic expressions, and tips for better, faster coding.

- [Field-Specific Applications](#)

Learn what areas of Mathematica are useful for specific fields.

- [Wolfram Certifications](#)

Take online courses and earn formal certifications for your knowledge and expertise in field-specific disciplines.