

# AI-Powered Assistance in Maple 2026

In Maple 2026, we are expanding our commitment to leverage AI in meaningful and practical ways that increase your productivity while preserving the accuracy of your mathematical computations. New in Maple 2026, you can use AI directly or indirectly to:

- **Boost productivity with the new AI Assistant.** Your personal AI Assistant will help you do unfamiliar or complex tasks in Maple in a fraction of the time.
- **Bring your documents into Maple.** Turn your PDFs, printed course notes, hand-written scribbles and other documents into Maple documents where the math is live.
- **Make your external AI math-smart.** Plug Maple into your favorite LLM and tell it to leave the math to the experts.
- **Power your own explorations and applications** that call on AI using the enhanced Natural Language package.
- **Take advantage of AI-powered learning tools in Maple Calculator and Maple Learn**, now available to Maple users as a benefit of the Elite Maintenance Program (EMP)

## AI Assistant

The AI Assistant acts as a personal assistant to help you do tasks in Maple faster, from helping you find the command or formula you need to producing code to generate sophisticated visualizations and providing explanations and examples to include in your document, the AI Assistant makes you substantially more productive, especially when doing unfamiliar or complex tasks in Maple. You can use the AI Assistant to help accomplish a specific task in Maple you already have in mind, but also to explore ideas, prototype code, develop instructional materials, create or improve reports, and much more.

Here are some examples of tasks you can ask the AI Assistant to do:

- Give me the command for solving a system of linear equations
- Provide the Maple code to plot a parametric spiral
- Generate a short explanation of eigenvalues for students in an introductory linear algebra class
- Show the Taylor series of  $\sin(x)$  to order 5, and give me the Maple command that does this
- Write a procedure to apply the trapezoid rule to approximate an integral
- Generate a document that presents five practice questions on differential using the chain rule, and starts with a worked example

- How can I improve the explanation of combinations vs permutations in the current document?

## Features of the AI Assistant

The Maple AI Assistant provides a seamless workflow that makes it easy to move information and results between the Assistant and your Maple work.

- Enter your queries in plain language, and continue the conversation to refine your results as needed
- Maple, not the AI, is used for computations where appropriate
- Your active Maple document, or the portion you highlight, is automatically used to provide context to your requests so that you do not have to enter the information as part of your query.
- Responses can include text, mathematical expressions, and Maple code, and can be inserted into your active document at the click of a button, where they behave like standard Maple content and can be edited using Maple's tools.
- You can choose between small, medium, and large language models. The small model gives the fastest results and consumes fewer credits, and is a good choice for simpler questions. The large model is best when the task is more complex and is likely to require giving the AI more sophisticated directions.

The Maple AI Assistant is a new benefit of membership in the Elite Maintenance Program.

## Document Import

With Maple 2026, you can easily import your hand-written notes, slides, technical papers and other documents that include mathematical content into Maple. The new Document Import feature uses AI to transform your static documents into Maple documents where the mathematics becomes live Maple expressions, ready for you to start exploring.

Document Import is a new benefit of membership in the [Elite Maintenance Program \(EMP\)](#).

## Maple Model Context Protocol (Maple MCP)

Maple MCP (Model Context Protocol) connects large language models like ChatGPT, Claude, Cohere, and Perplexity to Maple's world-class math engine.

When your AI tool encounters math, it can then turn to Maple to handle the computation,

so the math results are ones you can actually trust.

You can always use the AI Assistant inside Maple to get help from an AI that uses Maple for computations. But for situations where you prefer or need to be working outside of Maple itself, you can use Maple MCP so LLM can access Maple to compute mathematical results.

Maple MCP is a new benefit of membership in the [Elite Maintenance Program \(EMP\)](#).

## The NaturalLanguage Package

In addition to the integrated AI Assistant, Maple provides programmatic access to AI models through the [NaturalLanguage](#) package. You can use this package to power your own applications and explorations that call on a LLM from Maple. In Maple 2026, this package has been enhanced with more choice of language models.

Use of the [NaturalLanguage](#) package now requires the use of credits, which are included as part of the benefits of membership in the [Elite Maintenance Program \(EMP\)](#).

## AI-powered learning tools in Maple Calculator and Maple Learn

New for Maple 2026, the benefits of membership in the Elite Maintenance Program (EMP) now include access premium access to the Maple Calculator mobile app and full access to the on-line math tool, Maple Learn. Each of these products include AI features to support educators and students, including checking the steps of hand-written solutions and generating interactive educational content.