

## **Educational and Learning Links**

### **Khan Academy**

A free educational platform offering simplified explanations of math concepts from school to university levels. Covers algebra, calculus, statistics, and more.

Link: <https://ar.khanacademy.org>

### **Wolfram Alpha**

A computational engine providing instant solutions to math problems with detailed steps. Includes algebra, equations, calculus, matrices, and more.

Link: <https://www.wolframalpha.com>

### **Paul's Online Math Notes**

A website offering detailed notes and lectures in college-level mathematics. Covers calculus, differential equations, and linear algebra.

Link: <https://tutorial.math.lamar.edu>

### **MIT OpenCourseWare – Mathematics**

An initiative by MIT providing open-access university math courses. Covers both applied and theoretical branches of mathematics.

Link: <https://ocw.mit.edu/courses/mathematics>

### **MathWorks – MATLAB Academy**

An official learning platform offering free and paid courses in MATLAB. Covers topics like matrices, numerical calculus, data analysis, and system modeling.

Link: <https://matlabacademy.mathworks.com>

### **OpenStax – Mathematics Textbooks**

A platform providing free, peer-reviewed university math textbooks. Covers algebra, statistics, calculus, and linear algebra.

Link: <https://openstax.org/subjects/math>

### **MathWorks – MATLAB & Simulink Resources for Mathematics**

The official site offering tutorials, guides, and practical examples for using MATLAB in applied mathematics, linear algebra, numerical calculus, differential equations, and statistics.

Link: <https://www.mathworks.com/academia>

### **Maplesoft – Maple Learn**

An interactive online tool for solving math problems, graph plotting, and step-by-step solution explanations. Designed for students with a clean, accessible interface.

Link: <https://www.maplelearn.com>