

# College of Lake County

## STEM Websites - Science, Technology, Engineering, Math

### **Engineering Go For It** - [www.egfi-k12.org](http://www.egfi-k12.org)

Explore a variety of engineering disciplines and learn more about what engineers are working on every day.

### **Try Engineering** - [www.tryengineering.org](http://www.tryengineering.org)

Learn more about engineering, technology, computing and careers in these disciplines.

### **Learning Science** - [www.learningscience.org](http://www.learningscience.org)

A free and open learning community for sharing newer and emerging tools to teach science.

### **The World of Math Online** - [www.math.com](http://www.math.com)

Homework help, practice and interactive games.

### **S.O.S. MATHematics** - [www.sosmath.com](http://www.sosmath.com)

A free resource for math review material from Algebra to Differential Equations.

### **National Lab Network** - [www.nationallabnetwork.org](http://www.nationallabnetwork.org)

NLN is a national initiative that connects K-12 teachers with science, technology, engineering and mathematics (STEM) professionals to bring hands-on learning experiences to students in all 50 states.

## Apps

### **NOVA Elements**

Did you ever wonder why the periodic table is shaped the way it is, what gives each element its own unique properties or even how elements combine to make everyday objects such as a cup of coffee?

### **Science 360**

The National Science Foundation provides this app, filled with science and engineering images, videos and news from around the world.

### **Simple Physics**

Solve a wide range of physics-related problems in this engaging game.

### **TinkerBox**

This application is a great tool for teaching basic engineering concepts while inventing outrageous machines.

**Computer Science and MIS**

This application will fill you in on the basics of computer science.

**Finger CAD**

Draw everything from houses to bridges to simple geometric figures with this simplified version of computer-aided drawing.

**Muscle System Pro III**

Gain a better understanding of how muscles in the body work and how they're all working together in this great anatomy app.

**Khan Academy**

This app allows you to learn almost anything for free.