G Suite for Education
Digital Science Resources for K-12

Classrooms must be focused on the connections between teachers and students. Technology can serve as enhancements to these connections. Digital resources can also support content understandings and the development of essential skills for students. **Special thanks to Recharge Learning for providing so many great resources.**

Many of the resources listed below are free, but some do have premium options available at an additional cost. It is recommended that you explore the free features before considering any pay options.

Navigation: The resources are organized in different categories selected by science teachers. To view the Categories. click on 'Tools' in the menu above to turn on the 'Document Outline' on the left. The outline categories are hyperlinked to each section of the document.

Featured Science Resources

[Curiosity Smart Tab](#)
Upgrade your new tab page with inspiring and amazing Curiosity facts!

[ChemReference Periodic Table](#)
Powerful periodic table and chemistry reference tool.

[Amazing Science](#)
eduvee's Amazing Science helps you learn faster and smarter by curating learning resources from our trusted partners into playlists for your high/upper school science courses.

[Awesci - Science Everyday](#)
AweSci.com is a one-man science magazine where you can learn one new thing everyday - no more, no less.

CK-12

CK-12 is an app to help students, and teachers improve K-12 learning globally by providing self-paced learning content & tools.

TurboNote

Most efficient way to take & share time-stamped notes while watching videos!

National Geographic Photo of the Day

Beautiful and Interesting colorful photos. Enjoy National Geographic's incredible photo collection. You'll get new pictures daily.

Stencil

The Stencil Chrome extension lets you highlight text anywhere on the web and turn it into an image instantly.

Lightshot

Lightshot is the fastest way to take a customizable screenshot. Simple interface, nothing useless and light weight.

Science News & Reading

Phys.org Spotlight Science News

Get the latest spotlight science and technology news from Phys.org

National Geographic

National Geographic-A look into the pages of the magazine,photography,news,educational features and hosting live events.

ThinkCERCA

ThinkCERCA's personalized literacy platform helps teachers nurture students' critical thinking skills.

Discovery Education

Discovery Education offers free student and teacher resources that bring learning to life both inside and outside the classroom.

[Awesci - Science Everyday](#)

AweSci.com is a one-man science magazine where you can learn one new thing everyday - no more, no less.

[Kami](#)

Best PDF and Document Annotation and Markup Tool. Works with Google Drive and Google Classroom.

Science Learning & Interactives

[Spongelab](#)

Spongelab is an online learning platform with science animations, images, videos and games integrated into a teacher content management system

[CK-12](#)

CK-12 is an app to help students, and teachers improve K-12 learning globally by providing self-pace learning content & tools.

[Amazing Science](#)

Eduvee's Amazing Science helps you learn faster and smarter by curating learning resources from our trusted partners into playlists for your high/upper school science courses.

[Science Journal](#)

Science Journal is an experimentation and observation tool that makes data collection, supposition and reflection both easy and fun.

[ChemReference Periodic Table](#)

Powerful periodic table and chemistry reference tool.

[Biodigital Human](#)

The BioDigital Human is a 3D platform that simplifies the understanding of anatomy, disease and treatments. Explore the body in 3D!

[Level Up in Math and Science](#)

This is a resource for students who want to level-up their skills to score 90+% on math and science tests at school.

[Planetarium](#)

An interactive sky map for exploring the stars and planets.

[Anatomy Skills - Bones](#)

Learn the bones of the human body in 3 different modes,

[Sky Map](#)

Sky Maps allows you like a planetarium to view space: constellations, stars, galaxies and nebulae using Google Earth plugin.

[Nova Energy Lab](#)

Design renewable energy systems and compete with others to see whose designs can produce the most power.

[Lego Education WeDo 2.0](#)

The LEGO® Education WeDo 2.0 App allows students to explore great science projects.

[100,000 Stars](#)

An interactive 3D visualization of the stellar neighborhood, including over 100,000 nearby stars.

[Nova Cloud Lab](#)

Try your hand at classifying clouds and investigate the role they play in severe tropical storms.

Science Research & Reading

[Save to Pocket](#)

Pocket Extension for Chrome - The best way to save articles, videos and more. You can read offline and eliminate web clutter using the [Pocket App](#) on iOS, Android, and Chrome.

Readability

The official Readability extension for Chrome provides a better way to read online, turning any web page into a comfortable reading view right in your web browser

Grammarly for Chrome

Check your spelling and grammar as you type. Boost your credibility everywhere you write!

SpeakIt!

SpeakIt reads selected text using Text-to-Speech technology with language auto-detection. It can read text in more than 50 languages.

Highly Highlighter

Highlight anything. Save and share highlights, right as you read. Highly works darn near everywhere.

Note Anywhere

You can make notes on any web page, any position. when you open that page again, the notes get loaded automatically.

instaGrok

It's a research engine that lets you learn about any topic. A graphical concept map shows you how important ideas connect.

Instapaper

Instapaper browser extension to save links for offline reading.

Graphing, Measurement, & Calculators

Desmos Graphing Calculator

Explore math with Desmos! Plot functions, create tables, add sliders, animate your graphs, and more.

Be sure to check out the Desmos Teacher Resources

Plotly

You can use Plotly for scientific-quality graphing

Cloudly Calculator

Inspired by the fantastic calculator built into Google's search engine, Cloudy Calculator handles many of the same kinds of calculations as Google does.

MB-Ruler

MB-Ruler is an overlay to measure distances and angles on web sites.

Unit Converter

Convert length units, weight, volume, area units like acre and square meters, temperature and time.

RoboCompass

Teach Geometry using 3D realistic Straightedge, Compass, Protractor, Set Square and Pencil

Edge

Edge is an on-screen ruler that supports multiple u

Vernier Graphical Analysis

Graphical Analysis™ is a tool for science students to collect, graph and analyze data from Vernier sensors and LabQuest® interfaces.

Presentation Resources

PlayPosit

Deliver video like you teach! Your free tool to embed rich, dynamic questions into online video and track student understanding.

Google Slides

Slides is good for shiny 6-pagers or 600 page snooze-fests. Not only does it have everything you need to pull together an awesome presentation, but you'll never have to hit "save" again.

PowToon Presentations Edu

PowToon lets you create awesome presentations and animated videos

Pear Deck

Interactive presentations and formative assessments to engage every student in your room, every day!

Haiku Deck

With Haiku Deck, anyone can create stunning, image-rich slideshows in a fraction of the time required by most presentation software.

Screencastify

Screencastify is a simple video screen capture software for Chrome.

Additional Apps & Extensions

Gznzy

A web app that helps you get the most out of your smart board. Includes activities for math, language, science, and much more!

3DTin

3DTin is a 3D Modeler that runs in your browser.

Science Bits

Science Bits is a repository of multimedia science lessons designed to fire up science classes.

Standards Planner

K-12 lesson planner to quickly create, edit, collaborate, and use thousands of standards aligned free resources. Easy drag and drop.

Lightshot

Lightshot is the fastest way to take a customizable screenshot. Simple interface, nothing useless and light weight.

Google Drive Add-ons

Google Docs and Google Sheets in Google Drive are great collaborative resources that can be enhanced with different Add-ons. To learn more about how to find and connect Drive Add-ons please visit the [Google Add-on Tutorial](#)

[Texthelp Study Skills](#) (Google Docs)

Texthelp Highlighting Tools: Select, Highlight, and Group Content Together for Review and Learning.

[g(Math)](#) (Google Docs)

Create graphs (including plotting points) and write complex math directly in your Google Doc. You can even do Speech to Math! g(Math) can also be found in Google Forms and Google Sheets Add-ons.

[EasyBib Bibliography Creator](#) (Google Docs)

The easiest automatic bibliography and citation generator is now on Google Docs. Format in MLA, APA, and Chicago style.

[Gliffy Diagrams](#) (Google Docs)

Create professional-looking diagrams quickly and easily in Google Docs. Draw flowcharts, wireframes, UML, ERD and more.

[Flubaroo](#) (Google Sheets)

Flubaroo helps you quickly grade and analyze online assignments and assessments, as well as email scores to students!

[Super Quiz](#)

Super Quiz adds brilliant functionality and assessment tools to a quiz made with Google Forms.

Google Drive Apps

Drive Apps can Be Found in Google Drive. The Apps be can be added and opened in Google Drive by clicking on the New Button **NEW** in Drive and then clicking on Connect more apps **+ Connect more apps** .

Podcast App

Most popular podcast form the Worldwide Podcasts, Podcast Awards, iTunes Top Podcasts, and NPR. Listen to them in your browser.

WeVideo

WeVideo makes video editing easy for everyone and accessible from anywhere.

Coggle

Collaborative mind mapping: Real-time brainstorming, add images, Drive support, save mind maps as PDF, Image, .mm, text.

Lucidchart

Diagramming software for students, educators, and faculty with an email address from accredited educational institutions.

Additional Web Resources

- [Explore Learning Gizmos](#)
- [PhET Interactive Simulations](#)
- [Understanding Science](#)
- [Science and Math YouTube Channels](#)
- [Science News for Students](#)
- [National Geographic Kids](#)
- [Wonderville](#)
- [TED-ED](#)

Please feel free to use and modify this resource to support teaching and learning.