Resource Name	Type	Subject	Grade Level	Website	Description
Code.org	Online Platform	Computer Science	K-12	https://code.org	Offers free coding lessons and resources.
Khan Academy	Online Platform	Math/Science	K-12	https://www.khanacademy.org	Provides instructional videos and practice exercises.
NASA's Jet Propulsion Laboratory	Website	STEM	All Grades	https://www.jpl.nasa.gov/edu/	Education resources from NASA on space science.
National Geographic Education	Website	Science	K-12	https://www.nationalgeographic.org/education/	Resources for geography and science education.
Engineering is Elementary	Curriculum	Engineering	K-8	https://eie.org/	Integrates engineering into elementary education.
Project Lead The Way	Curriculum	Engineering	K-12	https://www.pltw.org/	Programs that engage students in STEM topics.
Scratch	Online Tool	Computer Science	K-8	https://scratch.mit.edu/	A programming language that makes coding accessible and fun.
STEMfinity	Online Store	STEM Kits	All Ages	https://stemfinity.com/	Offers STEM kits for hands-on learning.
Science Buddies	Website	Science	K-12	https://www.sciencebuddies.org/	Provides science project ideas and resources.
Instructables	Website	DIY	All Ages	https://www.instructables.com/	Community of makers sharing DIY projects.
edX	Online Learning	Various	Higher Education	https://www.edx.org/	Free online courses from top universities.
Coursera	Online Learning	Various	Higher Education	https://www.coursera.org/	Access to courses from universities and companies.
Discovery Education	Online Platform	Various	K-12	https://www.discoveryeducation.com/	Streaming media and digital content for education.
PBS LearningMedia	Online Platform	Various	K-12	https://www.pbslearningmedia.org/	A free resource for teachers to use media in the classroom.
Tech Goes Home	Program	Technology	K-12	https://techgoeshome.org/	Provides technology training for families.
NASA STEM Engagement	Website	Astronomy	All Grades	https://www.nasa.gov/stem/	STEM engagement programs and resources from NASA.
The Little Engineer	Curriculum	Engineering	K-5	https://www.thelittleengineer.com/	Hands-on engineering curriculum for young learners.
COSI Science Center	Museum	Science	All Ages	https://cosi.org/	Interactive exhibits and learning programs.
Engineering for Kids	Program	Engineering	K-8	https://www.engineeringforkids.com/	Fun engineering programs and workshops.
Techbridge Girls	Program	Technology	K-12	https://www.techbridgegirls.org/	Empowers girls to pursue STEM careers.
Girls Who Code	Program	Computer Science	Middle School/High School	https://girlswhocode.com/	Programs to support girls in computer science.
Robotics Education & Competition Foundation	Program	Robotics	K-12	https://www.roboticseducation.org/	Promotes STEM through robotics competitions.
Makerspace Playbook	Resource	Makerspace	All Ages	https://www.makerspace.com/	Guidelines for creating a makerspace.
STEM Learning	Website	STEM	All Grades	https://www.stem.org.uk/	Resource hub for STEM education in the UK.
Winter Engineers	Program	Engineering	K-8	https://winterengineers.com/	STEM-based winter camp programs.
Math for America	Program	Mathematics	Secondary	https://www.mathforamerica.org/	Supports mathematics education and teacher training.

Name	Type	Subject	Grade Level	URL	Description
Code Combat	Online Game	Computer Science	Middle School/High School	https://codecombat.com/	Learn coding through gaming.
Roblox Education	Program	Computer Science	K-12	https://education.roblox.com/	Teaches coding and game design through Roblox.
Engineering Design Process Steps	Resource	Engineering	All Grades	https://www.teachengineering.org/	Overview of the engineering design process.
First Robotics	Competition	Robotics	High School	https://www.firstinspires.org/robotics/frc	International robotics competition.
Science Fair Central	Website	Science	K-12	https://www.sciencefaircentral.com/	Resources for science fair projects.
LittleBits	Product	Engineering	K-8	https://littlebits.com/	Electronic building blocks for hands-on learning.
STEM In Action	Website	STEM	K-12	https://steminaction.com/	Promotes STEM learning and teaching resources.
LabXchange	Online Platform	Science	High School	https://www.labxchange.org/	A digital platform for science experiments and labs.
NASA's Space Place	Website	Astronomy	K-8	https://spaceplace.nasa.gov/	Fun resources for kids about space.
National Math Festival	Event	Mathematics	All Ages	https://www.nationalmathfestival.org/	Celebration of mathematics activities and resources.
Slimometer Science	Resource	Science	K-5	https://www.slimometerscience.com/	Science tools and experiments for teachers.
History of STEM Education	Resource	History	Higher Education	https://www.historyofstem.com/	Explores the history of STEM education.
4-H STEM Programs	Program	STEM	K-12	https://4-h.org/	Hands-on STEM programs for youth.
Robotics in Schools	Resource	Robotics	K-12	https://www.roboticsinschools.com/	A guide to integrating robotics into school curricula.
National Robotics Week	Event	Robotics	All Ages	https://www.nationalroboticsweek.org/	Celebration focused on robotics education.
Makerspace for Education	Resource	Makerspace	K-12	https://www.makerspaceforeducation.org/	Resources to support educational makerspaces.
CS Unplugged	Resource	Computer Science	K-12	https://csunplugged.org/	Fun learning activities that teach computer science without computers.
Get Your STEM On	Website	STEM	All Grades	https://getyourstemon.com/	Offers STEM activities and resources for educators.
Edutopia	Website	Education	K-12	https://www.edutopia.org/	Practical strategies for educators including STEM resources.
Inventors Guild	Program	Engineering	K-12	https://www.inventorsguild.com/	Encourages creativity and critical thinking in engineering.
Bill Nye Science	Resource	Science	All Ages	https://www.billnye.com/	Educational science videos and resources with Bill Nye.
Science Olympiad	Competition	Science	K-12	https://www.soinc.org/	Competitive events in scientific education.
Young Innovators Program	Program	Innovation	High School	https://www.younginnovators.com/	Fosters innovation and entrepreneurship.
STEM Scouts	Program	STEM	K-12	https://stemscouts.org/	Exploring science, technology, engineering, and math.
TechStars	Program	Entrepreneurship	All Ages	https://www.techstars.com/	Supports aspiring entrepreneurs and tech innovators.
Micro:bit	Product	Programming	K-12	https://microbit.org/	A tiny programmable computer for creative projects.

Science Projects for Kids	Website	Science	K-8	https://www.scienceprojectforkids.com/	Ideas for hands-on science experiments.
Little Passports	Subscription	STEM	K-5	https://www.littlepassports.com/	Offers science and geography kits each month.
STEM TO STEAM	Resource	Art/Engineering	All Grades	https://www.stemtosteam.com/	Integrates arts into STEM curriculum.
EdSurge	Website	Education Technology	K-12	https://www.edsurge.com/	News and resources for technology in education.
ScratchJr	App	Programming	K-2	https://www.scratchjr.org/	A visual programming language for young children.
HackerRank	Online Platform	Computer Science	High School/College	https://www.hackerrank.com/	Challenges to learn and practice coding.
Wonder Workshop	Product	Robotics	K-5	https://www.makewonder.com/	Robots and coding resources for kids.
U.S. Department of Education STEM Initiatives	Government Program	STEM	All Grades	https://www.ed.gov/stem	Federal resources to promote STEM education.
Tynker	Online Platform	Computer Science	K-12	https://www.tynker.com/	Coding classes and activities for children.
NASA's Mars Exploration Program	Website	Astronomy	All Ages	https://mars.nasa.gov/	Educational resources about Mars exploration.
Create to Learn	Resource	Engineering	K-12	https://www.createtolearn.com/	Hands-on engineering projects for classrooms.
Fit Kids Academy	Program	Health/Science	K-5	https://www.fitkidsacademy.com/	STEM activities focusing on health and fitness.
STEM Action Center	Website	STEM	K-12	https://stemactioncenter.org/	Supports teachers with STEM resources.
Biology Online	Website	Biology	All Grades	https://www.biologyonline.com/	Biology resources including tutorials and articles.
AgEdNet	Website	Agriculture/Science	High School	https://www.agednet.org/	Resources for agricultural education.
Science Journal	App	Science	All Grades	https://sciencejournal.withgoogle.com/	Digital journal for science observations.
Mental Floss	Website	General Knowledge	All Ages	https://www.mentalfloss.com/	Fun facts and information about a variety of topics.
STEM for All	Event	STEM	All Ages	https://stemforall2023.videohall.com/	Celebrating STEM education with presentations.
Quizlet	Online Tool	Various	All Ages	https://quizlet.com/	Study tools and flashcards for various subjects.
Seventh Grade Science	Program	Science	7th Grade	https://www.seventhgrademath.com/	Engaging science activities and projects for seventh graders.
Community Science Workshop	Program	Science	K-8	https://www.communityscienceworkshop.org/	Hands-on science programs in communities.
Braingenie	Online Platform	Math	K-12	https://www.braingenie.com/	Interactive math learning platform.
Math Teacher's Circle	Program	Mathematics	K-12	https://mathteacherscircle.org/	Supports math teachers through collaboration.
MIT OpenCourseWare	Online Learning	Various	Higher Education	https://ocw.mit.edu/	Free course materials from MIT.
Coursera for Campus	Platform	Online Learning	University	https://www.coursera.org/campus	University access to Coursera courses.
Science News for Students	Website	Science	K-12	https://www.sciencenewsforstudents.org/	Current events in science written for students.
Teach Engineering	Resource	Engineering	K-12	https://www.teachengineering.org/	Engineering lesson plans and activities.
Computational Thinking for Educators	Professional Development	Computer Science	All Grades	https://www.csunplugged.org/	Resources on computational thinking in education.
EdTech Review	Website	Education Technology	K-12	https://edtechreview.in/	Reviews and resources for educational

Name	Type	Category	Level	URL	Description
					technology.
Future City Competition	Competition	Engineering	Middle School	https://futurecity.org/	Engineering competition for middle school students.
Elevation STEM Academy	Program	STEM	Middle/High School	https://www.elevationstem.com/	Innovative STEM education programs.
Mathigon	Online Platform	Mathematics	K-12	https://mathigon.org/	Interactive math resources and textbooks.
Digital Promise	Website	Education Technology	All Ages	https://digitalpromise.org/	Resources for educational technology and innovation.
National Art Education Association	Resource	Arts	All Grades	https://www.arteducators.org/	Supports art education and initiatives.
Science Buddies Project Guide	Resource	Science	K-12	https://www.sciencebuddies.org/science-fair-projects/project-guide	A guide for science fair project development.
Engineering for All	Website	Engineering	All Ages	https://www.engineeringforall.org/	Initiatives to make engineering accessible.
Tech Explorations	Resource	Technology	K-12	https://www.techexplorations.com/	Offers courses and resources on technology.
Play-Well TEKnologies	Program	Engineering	K-8	https://play-well.org/	Hands-on engineering classes using LEGO.
NYSCI Science Storytime	Program	Science	K-3	https://nysci.org/science-storytime/	Engaging stories and activities for early learners.
Big History Project	Website	History/Science	Middle/High School	https://www.bighistoryproject.com/	Teaches history from a scientific perspective.
Genetics Science Learning Center	Resource	Biology	K-12	https://www.genetics.utah.edu/	Resources on genetics education.
Life Science Lessons	Resource	Biology	K-12	https://www.lifescience-lessons.com/	Lesson plans for life sciences.
Next Gen Science Standards	Resource	Science	K-12	https://www.nextgenscience.org/	Standards and resources for science education.
CodeHS	Online Learning	Computer Science	High School	https://codehs.com/	Resources for teaching computer science in schools.
STEM Connector	Website	STEM	All Ages	https://www.stemconnector.com/	Connecting ideas and resources for STEM education.
Curiosity Stream	Streaming Service	Science	All Ages	https://curiositystream.com/	Documentaries and series on science and nature.
The Engineering Mindset	YouTube Channel	Engineering	All Ages	https://www.youtube.com/channel/UC5Hlr3zQjG5GCmTuU8XgQig	Educational videos on engineering concepts.
Ology	Website	Science	K-8	https://www.amnh.org/research/paleontology	Science resources for kids from the American Museum of Natural History.
Exploratorium	Website/Museum	Science	All Ages	https://www.exploratorium.edu/	Science museum with online exhibits and resources.
STEM Learning Ecosystems	Initiative	STEM	All Ages	https://stemecosystems.org/	Building networks for STEM education opportunities.
National STEM Video Game Challenge	Competition	Game Development	K-12	https://stemchallenge.org/	Encourages students to create video games.
Science & Engineering Festival	Event	STEM	All Ages	https://usasciencefestival.org/	Celebration of science and engineering activities.
ROV System	Product	Robotics	K-12	https://www.rovproject.com/	Remote operated vehicle for underwater exploration activities.
Digital Fabrication Lab	Resource	Technology	K-12	https://digitalfabricationlab.com/	Resources for classroom digital fabrication.
Your Science Teacher	Website	Science	K-12	https://www.yourscienceteacher.com/	Science education resources and materials.

Name	Type	Subject	Grade Level	URL	Description
Coding with Kids	Program	Computer Science	K-12	https://codingwithkids.com/	Coding classes and resources for kids.
ScienceExperiment.com	Website	Science	K-12	https://www.scienceexperiment.com/	Collection of science experiments and ideas.
Exploration Education	Curriculum	Engineering	K-12	https://explorationeducation.com/	STEM hands-on curriculum resources.
Bo Science Club	Program	Science	K-5	https://thebioscienceclub.com/	STEM program for elementary students.
STEM Family Nights	Event	STEM	K-8	https://stemfamilynights.com/	Engaging STEM activities for families.
Curiosity Quest	Educational Series	Science	K-8	https://curiosityquest.org/	Educational video series exploring various STEM topics.
National Geographic Kids	Website	Geography/Science	K-8	https://kids.nationalgeographic.com/	Fun science and geography resources for children.
Code.org Curriculum Guide	Resource	Computer Science	K-12	https://code.org/curriculum	Guide for implementing computer science in classrooms.
Exploratorium Science Snacks	Resource	Science	All Ages	https://www.exploratorium.edu/snacks	Simple science experiments you can do at home.
STEM Education Coalition	Advocacy Group	STEM	All Ages	https://www.stemedcoalition.org/	Advocates for STEM education funding and policy.
American Chemical Society	Resource	Chemistry	K-12	https://www.acs.org/education.html	Chemistry education resources and activities.
Inside Science	Website	Science	All Ages	https://insidescience.org/	News and articles on the latest scientific discoveries.
Science Fair Project Ideas	Resource	Science	K-12	https://www.sciencefairprojectideas.com/	Database of science fair project ideas.
Mindset Works	Resource	Growth Mindset	K-12	https://www.mindsetworks.com/	Promotes the growth mindset in education.
STEM Cubed	Program	STEM	K-12	https://www.stemcubed.org/	STEM programs focusing on hands-on learning.
Digital Learning Day	Event	Education Technology	All Ages	https://www.digitallearningday.org/	Celebrates innovative use of technology in education.
STEM Teaching Tools	Resource	STEM	K-12	https://stemteachingtools.org/	Tools and resources for effective STEM teaching.
American Institute of Physics Education	Resource	Physics	All Grades	https://www.aip.org/education	Educational resources for physics teachers.
Science Olympiad Global	Competition	Science	K-12	https://www.sogso.org/	International science competition for students.
NASA Academy of Program/Project Leadership	Training Program	Leadership	All Grades	https://appl.nasa.gov/	Training for future leaders in STEM.
Women in Engineering ProActive Network	Resource	Engineering	All Grades	https://www.wepan.org/	Resources to support women in engineering.
Code.org Hour of Code	Event	Computer Science	K-12	https://hourofcode.com/	Annual event to promote coding education.
Ada Developers Academy	Program	Computer Science	College	https://adadevelopersacademy.org/	Software development training for women.
Coding Dojo	Program	Computer Science	High School/College	https://www.codingdojo.com/	Boot camps for learning web development.
STEM Education Center	Resource	STEM	K-12	https://stemeducationcenter.com/	Offers resources for integrating STEM education.
National Girls Collaborative Project	Resource	STEM	Girls K-12	https://ngcproject.org/	Supports girls' participation in STEM careers.
Project Noah	App	Science	All Ages	https://www.projectnoah.org/	Citizen science project for wildlife observations.
					Videos and resources

Name	Type	Subject	Age/Grade	URL	Description
Engineering Mindset	Resource	Engineering	All Ages	https://engineeringmindset.com/	explaining engineering concepts.
Science Museum of Virginia	Museum	Science	All Ages	https://www.smv.org/	Offers educational programs and exhibits.
NASA Earth Science Education	Resource	Earth Science	All Grades	https://science.nasa.gov/learn	Educational resources focusing on Earth science.
Family STEM Night Kit	Resource	STEM	K-5	https://www.stemfamilynightkit.com/	Kit for hosting STEM family nights.
Science Buddies Robotics Projects	Resource	Robotics	K-12	https://www.sciencebuddies.org/science-fair-projects/project-ideas/Robotics_Project_Ideas	Robotics project ideas and resources.
STEM Challenge Kits	Resource	STEM	K-12	https://www.stemchallengekits.com/	Hands-on kits for engaging STEM challenges.
HackerSpace	Community	Makerspace	All Ages	https://hackerspace.org/	Community labs and spaces for creative projects.
Physics Classroom	Website	Physics	K-12	https://www.physicsclassroom.com/	Resources for teaching physics concepts.
Applied Learning Sciences	Resource	STEM	K-12	https://appliedlearningsciences.com/	Integrative STEM curriculum development.
Thinkfun	Games	Math/Logic	K-5	https://www.thinkfun.com/	Games that promote problem-solving and critical thinking.
Science and Engineering Fair of Houston	Event	Science	K-12	https://sefhouston.org/	Science and engineering fair for students.
LEGO Education	Product	Engineering	K-12	https://education.lego.com/	LEGO-based educational products and resources.
Robotic Explorations	Resource	Robotics	High School	https://www.roboticexplorations.com/	Learning resources about robotics.
Scientific American	Magazine	Science	All Ages	https://www.scientificamerican.com/	Reports and articles on scientific topics.
NASA Space Apps Challenge	Event	STEM	All Ages	https://www.spaceappschallenge.org/	International hackathon focusing on space innovation.
Reading Rockets	Resource	Literacy	K-12	https://www.readingrockets.org/	Resources for teaching reading and literacy.
National Council of Teachers of Mathematics	Resource	Mathematics	K-12	https://www.nctm.org/	Support and resources for math educators.
American Society for Engineering Education	Resource	Engineering	All Grades	https://www.asee.org/	Resources and advocacy for engineering education.
Project-Based Learning Handbook	Resource	All Subjects	K-12	https://www.bie.org/	Guide to implementing project-based learning.
Young Scientist Program	Program	Science	K-12	https://www.youngscientistprogram.com/	Encourages young students to explore scientific concepts.
Citizen Science Alliance	Program	Science	All Ages	https://www.citizensciencealliance.org/	Engages the public in scientific research.
Math Wiz	App	Mathematics	All Ages	https://mathwizapp.com/	Interactive math practice app.
Science Education Gateway	Resource	Science	K-12	https://www.scienceeducationgateway.com/	Educational resources for science teachers.
Society for Advancement of Chicanos/Hispanics and Native Americans in Science	Organization	STEM	All Ages	https://www.sacnas.org/	Supports diversity in STEM fields.
NASA Sun-Earth Day	Event	Earth Science	All Ages	https://sunearthday.nasa.gov/	Celebration of the Sun, Earth, and space science.
BRAINYAC	Resource	STEM	K-12	http://www.brainyac.com/	STEM enrichment programs for students.
Invention Convention	Competition	Innovation	K-12	https://www.inventionconvention.org/	Students invent and showcase their creations.
Science and Nature	Website	Science	K-8	https://www.scienceandnature.com/	Educational materials about nature and science.

Name	Type	Category	Grade Level	Website	Description
STEM in Action	Program	STEM	K-12	https://www.steminmotion.com/	Hands-on STEM learning program.
Teach STEM First	Resource	STEM	K-12	https://www.teachstemfirst.com/	Teacher resources for early STEM education.
Solomon's STEM Foundation	Program	STEM	All Grades	https://solomonfoundation.org/	Advancing STEM literacy among underrepresented groups.
Science Sparks	Website	Science	K-5	https://www.sciencesparks.com/	Science experiments and activities for kids.
Young Engineers Program	Program	Engineering	K-8	https://www.youngengineers.com/	Hands-on engineering activities for kids.
Festival of Learning	Event	Education	All Ages	https://festivaloflearning.edu/	Celebration of learning in various subjects.
Engineering Kids	Program	Engineering	K-8	https://engineeringforkids.com/engineering-kids/	Hands-on engineering programs for kids.
Online Learning Academy	Resource	Various	K-12	https://www.onlinelearningacademy.com/	A platform for online learning opportunities.
Code for America	Program	Technology	All Ages	https://www.codeforamerica.org/	Works to improve government through technology.
Geeks for Girls	Program	Technology	Middle/High School	https://www.geeksforgirls.com/	Empowers girls in technology fields.
Fire Science Training	Program	Fire Science	High School	https://firesciencetraining.com/	Educational programs focused on fire science careers.
STEM Magazine	Publication	STEM	All Ages	https://www.stemmagazine.com/	Covers various topics related to STEM education.
Science Olympiad Foundation	Organization	Science	K-12	https://www.soinc.org/	Promotes excellence in science education through competitions.
STEM Academy Online	Resource	STEM	K-12	https://www.stemacademyonline.com/	Online STEM education resources.
Society for Science & the Public	Organization	Science	All Ages	https://www.societyforscience.org/	Promotes the understanding and appreciation of science.
Imagination Foundation	Non-profit	Creativity/STEM	K-12	https://imagination.is/	Encourages creativity through engineering challenges.
Science is Fun	Website	Science	K-12	https://www.scienceisfun.com/	Educational science experiments and resources.
BrainPOP	Online Learning	Various	K-12	https://www.brainpop.com/	Animated educational content across subjects.
STEM Learning at Home	Resource	STEM	All Ages	https://stemlearningathome.com/	STEM activities to do at home.
U.S. Green Building Council	Organization	Sustainability	All Ages	https://www.usgbc.org/	Promotes sustainable building and design.
Wonders of Wildlife	Museum	Science	All Ages	https://wondersofwildlife.org/	Education about wildlife and conservation.
Science Explorers	Program	Science	K-8	https://www.scienceexplorers.com/	Hands-on science classes for kids.
Innovative Entrepreneurs	Program	Business/Innovation	High School	https://www.innovativeentrepreneurs.com/	Fosters entrepreneurship in youth.
Clean Water STEM	Program	Engineering	K-12	https://cleanwaterstem.com/	Promotes water science and technology education.
Envirothon	Competition	Environmental Science	High School	https://www.envirothon.org/	Environmental science competition for students.
NASA Ames Research Center	Resource	Astrobiology	K-12	https://www.nasa.gov/ames	Research and education resources on astrobiology.
Engineering Innovations	Website	Engineering	K-12	https://engineeringinnovations.com/	Innovative programs in engineering education.

Name	Type	Subject	Level	URL	Description
STEM Girls Summer Camp	Program	STEM	Middle School	https://stemgirlssummercamp.com/	Summer camp focused on empowering girls in STEM.
Learning Science Through Art	Resource	STEM/Arts	All Ages	https://learningthroughart.org/	Integrates science and art education.
Robotics for Everyone	Program	Robotics	All Ages	https://www.roboticsforeveryone.com/	Makes robotics education accessible to all.
STEM Library	Resource	STEM	K-12	https://stemlibrary.com/	Library of resources and materials for STEM education.
Hands-On Science	Website	Science	K-12	https://hands-on-science.org/	Science activities for hands-on learning.
National History Day	Competition	History	K-12	https://www.nhd.org/	Promotes historical research and presentation.
Stanford Online	Online Learning	Various	Higher Education	https://online.stanford.edu/	Provides access to Stanford's online courses.
Learn Chemistry	Website	Chemistry	K-12	https://www.rsc.org/learn-chemistry	Resources for chemistry education.
Scientific American Mind	Magazine	Psychology	All Ages	https://www.scientificamerican.com/mind/	Explores topics in psychology and mental wellness.
STEM in the Spotlight	Resource	STEM	K-12	https://www.steminthespotlight.com/	Advocates STEM education through resources and activities.
NASA eClips	Resource	Engineering	K-12	https://nasaeclips.com/	Short videos on STEM topics from NASA.
ChemCollective	Resource	Chemistry	K-12	https://chemcollective.org/	Virtual labs and resources for chemistry learning.
MathCounts	Competition	Mathematics	Middle School	https://www.mathcounts.org/	National math competition for middle school students.
STEM Camps	Program	STEM	K-8	https://stemcamps.com/	Summer camps focused on STEM education.
Engineering Design Challenge	Event	Engineering	Middle School	https://www.engineeringdesignchallenge.org/	Competition for engineering design solutions.
Science Adventure	Program	Science	K-5	https://www.scienceadventure.org/	Hands-on science learning experiences.
Tech & Code Camp	Event	Computer Science	Middle School	https://www.techcamp.org/	Coding camps to teach tech skills.
EdJourney	Website	Education	K-12	https://www.edjourney.com/	Resources and inspiration for educators.
CRASH Course	Video Series	Various	K-12	https://www.youtube.com/user/crashcourse	Educational videos on a wide range of topics.
Science at Home	Resource	STEM	All Ages	https://scienceathome.org/	STEM activities can be done at home.
Exploration Stations	Program	STEM	K-5	https://www.explorationstations.com/	Interactive STEM learning for young learners.
Tech Girls	Program	Technology	High School	https://www.techgirls.org/	Empowers girls in technology careers.
Marine Science Camp	Program	Marine Science	K-12	https://marinesciencecamp.com/	Hands-on learning about marine environments.
Citizen Science Toolkit	Resource	Citizen Science	All Ages	https://www.citizensciencetoolkit.org/	Guides for starting a citizen science project.
Hands-On Learning Works	Resource	STEM	K-12	https://handsonlearningworks.com/	Promoting hands-on learning opportunities.
STEM Circle	Community	STEM	All Ages	https://www.stemcircle.org/	Networking and resources for STEM enthusiasts.
ROVing into STEM	Program	Robotics/Engineering	K-12	https://www.rovingintostem.com/	Engaging students with underwater robotics.
NASA Jet Propulsion Laboratory Education	Resource	Science	K-12	https://www.jpl.nasa.gov/edu/	Educational resources from NASA's JPL.
Science Learning Resources	Website	General Science	K-12	https://www.sciencelearningresources.org/	Various science educational materials for

Name	Type	Subject	Grade	URL	Description
Hands-On STEM Learning	Program	STEM	K-12	https://handsonstemlearning.org/	Incorporates hands-on learning in STEM education.
Fermilab Education	Resource	Physics	K-12	https://www.fnal.gov/pub/education/	Educational resources focusing on particle physics.
Hubble Space Telescope	Resource	Astronomy	K-12	https://hubblesite.org/	Educational materials from NASA's Hubble.
STEM Lab	Website	STEM	All Ages	https://www.stemlab.com/	Hands-on kits and lessons for teaching STEM.
Space Explorers	Program	Space	K-12	https://www.spaceexplorers.com/	Engaging students in space science education.
Math Academy	Program	Mathematics	K-8	https://www.mathacademy.com/	Online math resources and classes for kids.
STEM Practice Problems	Resource	STEM	K-12	https://www.stempractice.com/	Practice problems for various STEM subjects.
Discovery Lab	Resource	STEM	K-12	https://www.discoverylab.com/	Experiential STEM education programs.
Engineering Youth	Program	Engineering	K-12	https://www.engineeringyouth.org/	Encourages young people to explore engineering.
STEM Future Leaders	Leadership Program	STEM	High School	https://www.stemfutureleaders.com/	Develops leadership skills through STEM.
National Council of Teachers of English	Resource	Language Arts	K-12	https://ncte.org/	Support for English language arts education.
Cool Science Experiments for Kids	Website	Science	K-5	https://www.coolscienceexperimentsforkids.com/	Fun science experiment ideas for children.
Physics Central	Website	Physics	All Ages	https://physicscentral.com/	Physics resources for education and understanding.
Pi Day	Event	Mathematics	All Ages	https://www.piday.org/	Annual celebration of the number pi in math.
Science Communication Fellowship	Program	Science	College	https://sciencecommunicationfellows.org/	Develops skills in science communication for students.
CompuScholar	Online Learning	Computer Science	K-12	https://www.compuscholar.com/	Online courses for learning computer skills.
National Environment Protection Agency	Resource	Environment	All Ages	https://www.epa.gov/education	Resources for environmental education.
Science Learning Hub	Website	Science	All Ages	https://www.sciencelearn.org.nz/	Online resources for science learning.
Code Girls Unite	Program	Computer Science	High School	https://www.codegirlsunite.com/	Empower girls through coding and technology.
STEM Exploration for Kids	Resource	STEM	K-8	https://stemexplorationforkids.com/	Hands-on exploration of STEM subjects.
Science Research Project	Resource	Research	High School	https://www.scienceresearchproject.com/	Guide for conducting scientific research.
Math & Physics Club	Club	Math/Physics	All Ages	https://www.mathphysicsclub.com/	Engagement with math and physics activities.
Digital Citizenship Curriculum	Resource	Digital Literacy	K-12	https://digitalcitizenship.net/	Teaches students about responsible digital citizenship.
Outdoor Classroom Project	Resource	Outdoor Education	K-12	https://outdoorclassroomproject.org/	Ideas for learning science outdoors.
Coding for Kids	Program	Computer Science	K-5	https://www.codingforkids.com/	Interactive coding classes for children.
Mindfulness in STEM	Resource	STEM	All Ages	https://mindfulnessinstem.com/	Focuses on mindfulness practices in STEM education.
Hollaback!	Resource	Social Justice	All Ages	https://www.ihollaback.org/	Teaches youth social justice through education.
Imagination Playground	Resource	Play-based Learning	K-8	https://imaginationplayground.com/	Encouraging creativity through play-based learning.

Teachers Pay Teachers	Website	Educational Resources	K-12	https://www.teacherspayteachers.com/	Marketplace for educators to share resources.
Science & Nature Learning	Resource	Science	K-5	https://www.scienceandnaturelearning.com/	Science education resources for young learners.
Fairy Tales STEM Challenges	Resource	STEM	K-5	https://www.fairytalesstem.com/	STEM challenges based on fairy tales.
Physics Buzz	Website	Physics	All Ages	https://www.physicsbuzz.com/	Latest news and diversity in physics education.
Hands-On Astronomy	"Resource"	"Astronomy"	"K-12"	"https://handsonastronomy.org/"	"Interactive activities for understanding astronomy."
Engineering Within Reach	"Program"	"Engineering"	"K-12"	"https://engineeringwithinreach.com/"	"Programs focusing on making engineering accessible."
Speak Up Research Project	"Research"	"Education"	"All Ages"	"https://speakupdata.org/"	"Annual survey to provide insights into student learning."
Engineering for Nearly Everyone	"Website"	"Engineering"	"All Ages"	"https://www.engineeringnearlyeveryone.com/"	"Engineering resources aimed at broadening participation."
Music and STEM Integration	"Resource"	"Music"	"K-12"	"https://stem-musicintegration.org/"	"Combining music education with STEM subjects."
LEGO Mindstorms	"Product"	"Robotics"	"K-12"	"https://www.lego.com/en-us/themes/mindstorms"	"Robotic kits for building and programming."
The Math Learning Center	"Resource"	"Math"	"K-12"	"https://www.mathlearningcenter.org/"	"Resources for improving math education."
STEM Career Connections	"Program"	"Career Development"	"High School"	"https://stemcareerconnections.com/"	"Connecting STEM students to career opportunities."