



Reading, Learning and STEM Resources for Children, Parents and Teachers!



Reading – Interactive

Literate for Life literateforlife.org/10-fabulous-free-reading-websites-for-kids

Books www.heartofamerica.org/libraries-and-literacy

For Learning to Read & I am Reading Levels www.starfall.com

Celebrities Reading Stories Online www.storylineonline.net

Reach out and Read www.reachoutandread.org/what-we-do/resources-2/

Good Night with Dolly imaginationlibrary.com/goodnight-with-dolly/

Early Education & Creative Play www.notimeforflashcards.com

Reading and Library Activities clearinghouse.starnetlibraries.org/

Mensa for Kids - Reading www.mensaforkids.org/achieve/excellence-in-reading/

Scholastic Book Contest www.scholastic.com/contests/

Reading Logs www.reading-rewards.com/

Inspire Reading kidlit.tv/

NY Public Library Digital Collections digitalcollections.nysl.org/

Library of Congress Digital Collections www.loc.gov/collections/

Time for Kids www.timeforkids.com/

Learning and Facts mocomi.com/

America's Story www.americaslibrary.gov/index.html

Educational Games www.turtlediary.com/

Information Databases www.nclive.org

Dia Children's Book Day dia.ala.org/

Books for Kids www.uniteforliteracy.com/

Reading – 0 to 5

1000 Books Before Kindergarten 1000booksbeforekindergarten.org

Launching Young Readers www.readingrockets.org

Imagination station imaginationlibrary.com/

Books for Babies multcolib.org/read/books-babies

Books for toddlers multcolib.org/read/books-toddlers

Books for preschoolers multcolib.org/read/books-preschoolers-0

Meddybemps Stories www.meddybemps.com/index.html

Babies Need Words Every Day www.ala.org/alsc/babiesneedwords

Dia Book lists dia.ala.org/sites/default/files/resources/200416-alsc-dia-social-booklist1_B-PK.pdf

Reading - Elementary school

Bob the Builder play.bobthebuilder.com/en-us

Stories and more www.inklesstaes.com/

Daniel Tiger's www.ala.org/alsc/professional-tools/danieltigersept2019

Reading Website List www.weareteachers.com/best-reading-websites/

Dia Book list dia.ala.org/sites/default/files/resources/200416-alsc-dia-social-booklist2_K-2.pdf and dia.ala.org/sites/default/files/resources/200416-alsc-dia-social-booklist3_3-5.pdf

Reading - Middle School

Reading Apps & Websites www.graphite.org/top-picks/middle-school-reading-apps-and-websites

Reading Apps & Websites www.common sense.org/education/top-picks/middle-school-reading-apps-and-websites

Reading Website List www.weareteachers.com/best-reading-websites/

Great List of Resources

www.forsyth.k12.ga.us/cms/lib3/GA01000373/Centricity/Domain/1818/February%20Handout%20Websites%20for%20Middle%20School%20Students%20and%20Younger.pdf

Library of Congress – Kids www.read.gov/kids/

Dia Book list dia.ala.org/sites/default/files/resources/200416-alsc-dia-social-booklist4_6-8.pdf

Reading - Teens

Teen Reads www.teenreads.com

Teen Audio books www.audiobooksync.com/

Teen Toolkit

www.ala.org/yalsa/sites/ala.org.yalsa/files/content/TeenLiteraciesToolkit_PRINT.pdf

Library of Congress – Teens www.read.gov/teens/

Reading Recommendations – Teens libguides.ala.org/recommended-reading/YA-teens

Reading – Authors

Dr. Seuss www.seussville.com/explore/

Jan Brett Activities - www.janbrett.com/activities_pages.htm

Eric Carle eric-carle.com/resources/downloads-and-activities/

Diane deGroat www.dianedegroat.com/Diane_deGroat_2.html

Marilyn Scott-Waters www.thetoymaker.com/

Shel Silverstein www.shelsilverstein.com/

Dav Pilkey kids.scholastic.com/kids/books/planet-pilkey/

H.A. Rey www.houghtonmifflinbooks.com/features/cgsite/index.shtml

Reading - Suggestions & Lists

ALA Book Lists www.ala.org/alsc/publications-resources/book-lists

Books My Kids Read (local) booksmymkidsread.blog

Great Kid Books (recommendations) greatkidbooks.blogspot.com/

100 Greatest Books for Kids www.scholastic.com/100books

NY Public Library 100 books in 100 Years www.nypl.org/childrens100

A Pragmatic Mom www.pragmaticmom.com

Best list of STEM books k-12 www.nsta.org/publications/stembooks/

Black Author website thebrownbookshelf.com/

Children's Book Council www.cbcbooks.org/readers/

STEM books www.readingrockets.org/extras/stem_series#books

Library of Congress – Lists www.read.gov/booklists/

Reading Resources – for Parents & Educators

American Association of School Librarians www.ala.org/yalsa/resources-parents-educators

Reading is Fundamental www.rif.org/

Read, Write & Think for K-12 www.readwritethink.org/parent-afterschool-resources

Programs for Children in Need www.firstbook.org/about-first-book

Free Kids Books www.readingrockets.org/article/search-free-books

PBS for Parents www.pbs.org/parents

Things to do with Kids in Moore County www.homeofgolf.com/for-visitors/for-the-kids

Common Core Resources www.ala.org/alsc/ccss-resources

Continued - Reading Resources – for Parents & Educators

Resources regarding Autism www.autism-society.org/about-the-autism-society/publications/resource-materials/

Website for Readers www.sspl.org/readers/websites

25 Best Websites for Literature Lovers flavorwire.com/407418/the-25-best-websites-for-literature-lovers

5 Best Book Recommendation Services lifehacker.com/five-best-book-recommendation-services-1577706074

Mystery Books Website www.stopyoure Killingme.com/

GoodReads www.goodreads.com

Resources in/for Other Languages

Spanish online radio stations for babies and toddlers babyradio.es/

Spanish program for children espanol.cbeebies.com/

Many Languages www.chillola.com/index.html/

Many Languages www.duolingo.com/learn

Materials in other languages www.miscositas.com/

NASA Spanish spaceplace.nasa.gov/sp/

Spanish www.losbloguitos.com/index.html

Dia Children's Book Day dia.ala.org/

Great list of Resources

ckm.scusd.edu/post/resources-minority-low-income-first-generation-students

North Carolina Society of Hispanic Professionals thencshp.org

Babies Need Words Every Day www.ala.org/alsc/babiesneedwords

Daniel Tiger's www.ala.org/alsc/professional-tools/danieltigersept2019

Cool Sites for K-12 Students & Parents - Art & Music

Music

www.ncsymphony.org/virtual/?spMailingID=5164628&spUserID=MjA2MDkzMTE5NzkwS0&spJobID=1000094961&spReportId=MTAwMDA5NDk2MQS2

Art Lessons artsedge.kennedy-center.org/educators/lessons

Art projects www.firstpalette.com/

Classic Music for kids www.classicsforkids.com/

The Art Curator for Kids artcuratorforkids.com

Radio Adventures www.eleanoramplified.org/

Smarthistory smarthistory.org/

Getty Museum www.getty.edu/education/teachers/student_resources/

American Folklore www.americanfolklore.net/

Make Your Own Comics www.makebeliefscomix.com/Comix/

Activities and Crafts capstonekids.com/make-stuff/index.html

Crafts ziggityzoom.com/

Google Arts and Culture artsandculture.google.com/

Create Your Own Comic kids.scholastic.com/kids/games/cat-kid-comic-club/

National Gallery of Art www.nga.gov/education/kids.html

Family Education www.familyeducation.com/

Cool Sites for K-12 Students & Parents - STEM & Critical Thinking

Biomedical Research www.ncabr.org/k12/biotechshortfilm

Science in Schools www.scienceinschool.org

Using Cartoons to Teach Science www.scienceinschool.org/2010/issue14/web

Fun Science Experiments www.stevespanglerscience.com/lab/experiment-library/

Kid PBS (Sid, Cyber chase, Dr. McStuffins) pbskids.org

Dept Agriculture games and activities www.choosemyplate.gov/browse-by-audience/view-all-audiences

Continued - Cool Sites for K-12 Students & Parents - STEM & Critical Thinking

PBS Classroom Resources www.pbs.org/teachers
Kids Page on the US Energy Information Administration www.eia.gov/kids
Brain Pop www.brainpop.com
The Adventures of Josie True www.josietrue.com
NC FIRST Robotics www.firstinspires.org/robotics/frc
Earth Rangers www.earthrangers.com/
Smithsonian Ocean ocean.si.edu/
Cornell Bird Cameras www.allaboutbirds.org/cams/
U of Michigan Museum of Zoology animaldiversity.org/teach/resources_for_k12/
CBC Kids Activities www.cbc.ca/kidscbc2/
Engineering www.egfi-k12.org/index_noflash.php
Science of Light www.optics4kids.org/classroom-activities
Smithsonian www.tweentribune.com/
CSI Web Adventures forensics.rice.edu/
Subatomic games www.quarked.org/
EPA Environmental Kids Club www.epa.gov/students
Science of Baseball www.exploratorium.edu/baseball/index.html
Games for Change www.gamesforchange.org/
Jet Propulsion Lab www.jpl.nasa.gov/edu/
Climate Kids climatekids.nasa.gov/
Cooking – Metric www.bbc.co.uk/food/articles/learning_through_cooking
Cooking – US cookingwithkids.org/
Boeing Engineering www.boeing.com/principles/education/explore-by-format.page#/overview

Cool Sites for K-12 Students & Parents - Math

Science and Math Games www.edheads.org
Math at bedtime bedtimemath.org/fun-math-at-home/
Cool Math www.coolmath.com/
Math Games www.arcademicskillbuilders.com
Math Cats - Math Games & Lessons www.mathcats.com/#contents
Get the Math www.thirteen.org/get-the-math/
Math programs www.factmonster.com/
Math Topics www.mathtv.com/
Math Games prongo.com/
Math Games www.funbrain.com/

Cool Sites for K-12 Students & Parents - Nature

SwitchZoo switchzoo.com/
EcoKids Canada - ecokids.ca/education-resources/
National Aquarium www.aqua.org/
SeaGrant ncseagrant.ncsu.edu/program-areas/education-training/education-resources-at-home-learning/
National Geographic Kids kids.nationalgeographic.com/kids
Cornell University activities www.birds.cornell.edu/k12/science-nature-activities-for-cooped-up-kids/
Carolina Thread Trail www.carolinathreadtrail.org
Animal Cams nationalzoo.si.edu/Animals/WebCams
Animal Facts animalfactguide.com/
National Park Service Jr. Ranger www.nps.gov/kids/become-a-junior-ranger.htm
Butterflies and Moths www.butterfliesandmoths.org/
Bug Guide bugguide.net/node/view/15740

Continued - Cool Sites for K-12 Students & Parents - Nature

San Diego Zoo kids.sandiegozoo.org/
National geographic www.nationalgeographic.com/animals/
Bats www.batcon.org/
Science kids.frontiersin.org/
Nova www.pbs.org/wgbh/nova/
Learn about Plants web.extension.illinois.edu/gpe/index.cfm
People Powered Research www.zooniverse.org/projects
Shark Tracker www.ocearch.org
Sea Turtle Tracking Projects www.conserveturtles.org/satellitetracking.php
Long Term Box Turtle study that people can participate in boxturtle.uncg.edu
NASA For Kids www.nasa.gov/audience/forkids/kidsclub/flash/#.V5DtwPkrKM8
The Globe Program www.globe.gov
USDA—Natural Resources Conservation Service
www.nrcs.usda.gov/wps/portal/nrcs/main/national/home
4H Cooperative Extension Youth Development www.nc4h.org
NPR – Science Friday sciencefriday.com

Cool Sites for K-12 Students & Parents - History, Social & The World

Civil Rights Museum www.civilrightsmuseum.org/students
Scholastic News scholasticnews.scholastic.com/
Historical Documents www.archives.gov/historical-docs/todays-doc/
Smithsonian: National Museum of the American Indian americanindian.si.edu/nk360
Anti – bullying www.bystanderrevolution.org/
Salem Witch museum salemwitchmuseum.com/history-education/
Internet Safety www.carnegiecyberacademy.com/
Internet Safety pbskids.org/fetch/ruff/
CIA World Factbook www.cia.gov/library/publications/the-world-factbook/
Martin Luther King Jr projects.seattletimes.com/mlk/index.html
Food and Nutrition www.nourishinteractive.com/kids
Volunteering www.generationon.org/
Women's History Month womenshistorymonth.gov/
This Day in History www.history.com/this-day-in-history
Lewis and Clark www.pbs.org/lewisandclark/
BBC History www.bbc.co.uk/bitesize/subjects/zcw76sg
Edison Test www.nps.gov/edis/learn/education/onlinegames.html
Khan Academy www.khanacademy.org/
Big History Project school.bighistoryproject.com/bhplive
Helping Children Grow www.fredrogerscenter.org/
World of Design www.kidsthinkdesign.org/index.html
Abraham Lincoln rogerjnorton.com/Lincoln2.html
Food Timeline www.foodtimeline.org/
US Census www.census.gov/popclock/
Wonderopolis wonderopolis.org

Fun and Educational Kits & Supplies

Engineering Toys for Girls www.goldieblox.com
Science Kits & Supplies: www.hometrainingtools.com/life-science-biology/c/5/,
www.carolina.com & www.wardsci.com & (chaos tower) chaostoy.com &
www.sciencelabsupplies.com/Kits_and_Sets.html & www.scientificsonline.com/ &
www.bio-rad.com/en-us/education & (hand help microscopes) www.zarbeco.com

Cool Sites for Teachers

Teacher Tap - Interactive sites eduscapes.com/tap/topic86.htm
Energy Lesson Guides www.eia.gov/kids/energy.cfm?page=teacher_guide
American Museum of Natural History www.amnh.org/learn-teach/educators
Wildlife Conservation Society for Teachers www.wcs.org/teachers.aspx
National Science Teachers Association www.nsta.org
TeacherTube teachertube.com
Environmental Education forestry.ces.ncsu.edu/ncplt/
28 Days of STEM Activities leftbraincraftbrain.com/2016/01/31/28-days-hands-on-stem-activities-kids/
Smithsonian Resources earninglab.si.edu/distancelearning
Solar Decathlon www.solardecathlon.gov/education-resources.html
Teaching www.edutopia.org/
NC School of Science and Mathematics Interactive Videoconferencing & classes
www.ncssm.edu/learn

Camps

Summer Read www.northcarolinaread.com/summer-reading-camp
Moore County and Nearby Camps - www.moorechoices.net/moore-children-kids-classes-lessons-camp
Western NC Summer Camps www.ashevilleguidebook.com/wnc/summer-camps/summer_camps.htm
Maker Camps makezine.com/maker-camp
Promoting Manufacturing to Students – Camps www.nutsandboltsfoundation.org
American Camp Association www.acacamps.org

Make Stuff/ Do It Yourself (DIY)

Burlington Maker Faire - Burlington NC burlingtomakerfaire.com
Maker Faire makerfaire.com
Make Magazine makezine.com
NCSU Maker Space lib.ncsu.edu/spaces/makerspace
Instructables www.instructables.com

STEM Fairs, Festivals and Competitions

NC Science Festival (statewide event) www.ncsciencefestival.org
NC Science Olympiad www.sciencenc.com
NC Science & Engineering Fair www.ncsciencefair.org
NC FIRST Robotics www.firstnorthcarolina.org/
NC Racer Competition www.ncgravitygames.com/home
NC Manufacturing Week www.ncperkins.org/course/view.php?id=11
Math Olympiads for Elementary & Middle Schools www.moems.org
National Engineering Weekend – Washington DC www.usasciencefestival.org
Science Competition www.exploravision.org/about
NASA Student Launch Projects www.nasa.gov/stem/studentlaunch/home/index.html
Odyssey of the Mind www.odysseyofthemind.com
Rube Goldberg Machine Contest www.rubegoldberg.com
James Dyson Award www.jamesdysonfoundation.com/resources/challenge-cards.html
Carolina Combat Robots www.carolinacombat.com
Moody's Mega Math Challenge m3challenge.siam.org
American Mathematics Competitions www.maa.org/math-competitions
Programs in Mathematics for Young Scientists www.promys.org

STEM Organizations & Resources

NC STEM Learning Network www.ncstemcenter.org

Continued - STEM Organizations & Resources

NC Science, Mathematics & Technology Education Center www.ncsmt.org/
STEM Transitions www.stemtransitions.org/stem.php
Stem Coalition www.stemedcoalition.org
Comprehensive STEM List www.stemconnector.org
Navy www.usna.edu/STEM
Army www.usaeop.com
A World in Motion www.awim.org
Nuts, Bolts & Thingagigs – Manufacturing site www.nutsandboltsfoundation.org/
Learn to Code www.codecademy.com/

Green Energy, Technology Organizations & Careers

NC Green Power www.ncgreenpower.org
NCSU Solar Center ncsc.ncsu.edu
National Center for the Biotechnology Workforce biotechworkforce.org
Colleges in Action for Sustainability www.theseedcenter.org/Colleges-in-Action
Bioenergy & Bioproducts Education Programs www.bioenergyed.org
Energy Kids www.eia.gov/kids/

Nature & Conservation Organizations & Careers

Museum of Life Science (Durham) lifeandscience.org
NC Museum of Natural Sciences (Raleigh) naturalsciences.org
SciWorks www.sciworks.org
NC Conservation Network www.ncconservationnetwork.org
Sierra Club www.northcarolina.sierraclub.org
Sierra Club Jobs www.sierraclub.org/careers
NC Wildlife Commission www.ncwildlife.org/Learning.aspx
NC State Park www.ncparks.gov/Education/main.php
Community College Undergraduate Research Initiative www.ccuri.org
National Wildlife Federation Jobs www.nwf.org/about/jobs-at-nwf.aspx
Ornithological Societies of North America Jobs www.osnabirds.org/Jobs.aspx
Nature Jobs www.nature.com/naturecareers

Videos, TV Shows & Resources

Kahn Academy – great videos www.khanacademy.org
Ted Talks www.ted.com/talks
Ted Ed ed.ted.com
Lessons online www.wyzant.com/resources/lessons
BioInteractive www.hhmi.org/biointeractive

Resources in STEM for Girls K-12

Girls Go Tech – Girl Scouts www.girlsgotech.org
Careers www.girlshealth.gov/future/career
Girls Get Set for Life engineering.tufts.edu/ggs/index.html
Eyes to The Future etf.terc.edu/index.html
The GEMS Club - Girls Excelling in Math & Science gems.education.purdue.edu/
PBS Girls pbskids.org/scigirls
A Mighty Girl www.amightygirl.com
Educating Jane www.educatingjane.com/Organizations.htm
Girls Interested in Bugs thebugchicks.com
Young Women in Bio www.womeninbio.org/page/YWIB
Super Awesome Sylvia sylviaashow.com
Empowering Girls in Math www.girlstart.org
Engineering toys for girls www.goldieblox.com

Continued - Resources in STEM for Girls K-12

National Girls Collaborative Project www.ngcproject.org

Sally Ride Science for Girls sallyridescience.com

Women at NASA <https://women.nasa.gov/>

Engineer Girl www.engineergirl.org

GC3: Girls Communicating Career Connections gc3.edc.org

Women in Aviation International www.wai.org

Women in Aerospace www.womeninaerospace.org

Organizations, Grants & Funds for Reading & Book Programs

Partners for Children and Families www.pfcfmc.org/MooreLiteracyResources

Moore County Community Foundation

www.nccommunityfoundation.org/communities/sandhills/moore-county

Public Education Foundation Moore County

www.ncmcs.org/community/public_education_foundation

Authors in Moore Schools www.facebook.com/AIMSAuthorinmooreschools/

NC Community Foundation Comprehensive Literacy Grants List

www.grantwatch.com/cat/22/literacy-grants.html

American Association of School Administrators www.aasa.org/content.aspx?id=1550

Adopt a Classroom www.adoptaclassroom.org

Bank of America Foundation Funding Database

www.bankofamerica.com/philanthropic/grantmaking.go

Boeing Global Corporate Citizenship Grants www.boeing.com/principles/community-engagement.page

Braitmayer Foundation Grants www.braitmayerfoundation.org

Dollar General Literacy Foundation www.grantsoffice.com/GrantDetails.aspx?gid=26496

Grants for School Reform www2.ed.gov/programs/sif/index.html

NEA Foundation Grant www.neafoundation.org/pages/grants-to-educators

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