

Curated Resources for use with Gifted Students

Note: These resources have not all been vetted by ALSDE, nor should this be considered an endorsement. Educators should be mindful of digital resources that require teachers or student to create online accounts. Please check with district policies and consider HIPPA, FERPA, and COPPA laws with regards to student privacy BEFORE implementing any of these resources.

Topic/Interest/Medium	Resource link
Math	
Math games, challenges, and practice	www.gregtangmath.com
Instructabeats Challenge Math and more	https://www.youtube.com/channel/UCpwPpA7LpjUj9CICP90TIQ
Hands on Equations - Early Algebra	https://www.youtube.com/watch?v=oPd4pIGIYrU Lesson One.
Khan Academy	https://www.khanacademy.org/
Art of Problem Solving	https://artofproblemsolving.com/videos
Prodigy Game Math	https://www.prodigygame.com/
Krazy Dad (logic and math puzzles)	https://krazydad.com/
NASA spot the space station	https://spotthestation.nasa.gov/tracking_map.cfm
Real World Math	http://www.realworldmath.org/
Mashup Math	https://mashupmath.com/
Math Superstars	K-2: https://files.eric.ed.gov/fulltext/ED425074.pdf 3-5: https://files.eric.ed.gov/fulltext/ED425075.pdf 6-8: https://files.eric.ed.gov/fulltext/ED425076.pdf
Desmos math activities	https://teacher.desmos.com/
FACEing Math	http://www.faceingmath.com/
Noetic Learning Problem of the Week	https://www.noetic-learning.com/pow.jsp

Literature	
SEM-R bookmarks with question stems	https://gifted.uconn.edu/semr-resources/
Free English class from Lisa Van Gemert	https://youtube.com/user/lvangem
Mensa: Excellence in Reading	https://www.mensaforkids.org/achieve/excellence-in-reading/
National Paideia Center	https://www.paideia.org/our-approach/paideia-seminar/sample-paideia-seminar-plans
Literature Circles: Think Like a Disciplinarian	https://sites.google.com/site/davidnchung/tladcircles
Books for Gifted Students	https://www.byrdseed.com/recommended-books-for-gifted-students/
Novels about gifted and talented children	https://www.rfwp.com/pages/novels-about-gifted-and-talented-children/
The Novel Effect	https://noveleffect.com/
Choose your own adventure	https://pernillesripp.com/2020/03/21/choose-your-own-adventure-4-learning-options-as-we-go-virtual-online/amp/?__twitter_impression=true
The Global Read Aloud	https://theglobalreadaloud.com/
Get Epic - digital library for ages 12 and below	https://www.getepic.com/
Great Books Foundation	https://www.greatbooks.org/k-5-samples/ https://www.greatbooks.org/6-8-samples/ https://www.greatbooks.org/9-12-samples/ https://www.greatbooks.org/open-educational-resources/
Not Just Child's Play: Challenging Young Minds	https://notjustchildsplay.blogspot.com/search?q=depth+and+complexity

Writing	
Elegy for a Dead World (\$14.99)	https://www.common sense.org/education/game/elegy-for-a-dead-world
Finish the Comic and more	https://jarrettlerner.com/activities/
Thoughtful Learning	https://t.co/Uv6BVjW7Xg?amp=1
BoomWriter	https://boomwriter.com/
Stone Soup	https://stonesoup.com/
National Poetry Month (April)	https://poets.org/national-poetry-month/30-ways-celebrate-national-poetry-month-classroom https://programminglibrarian.org/articles/national-poetry-month . http://www.readwritethink.org/classroom-resources/calendar-activities/april-national-poetry-month-20478.html https://www.readingrockets.org/calendar/poetry https://www.washingtonparent.com/articles/1704/1704-celebrate-words-with-national-poetry-month.php
Science	
Kids as scientists	https://www.nationalgeographic.org/idea/citizen-science-projects/
Online dissection	https://www.navs.org/additional-information/bioleap-dissection-alternatives/free-online-dissection-resources/#.XnGdf8BOnDs
Adaptive Curriculum (Math & Science)	https://www.adaptivecurriculum.com/us/
Citizen Science: Scigirls	https://pbskids.org/scigirls/citizen-science
SciStarter: Science to do together	https://scistarter.org/
Virtual Marine Biology Camp	http://oceansinitiative.org/coronavirus-community-service-a-virtual-marine-biology-camp/
Crash Course Kids:Elementary	https://www.youtube.com/user/crashcoursekids

The Crash Course: MS and HS	https://thecrashcourse.com/
History	
National Geographic History facts for kids	https://www.natgeokids.com/catu/ategory/discover/history/
Valiant Hearts history game (\$19.99)	https://www.common sense.org/education/game/valiant-hearts-the-great-war
History Simulations	https://www.historysimulation.com/
Simulations and Instructional Games	https://www.wscss.org/simulations
Collection of Social Studies Resources	https://www.socialstudiescentral.com/instructional-resources/interactive-simulations/
Multi-disciplinary lessons	
Duke TIP Curriculum Vault	https://blogs.tip.duke.edu/teachersworkshop/category/tips-curriculum-vault/
NASA Jet Propulsion Lab	https://www.jpl.nasa.gov/edu/teach/
TED-Ed Videos	https://ed.ted.com/
Using Thinking Maps during Quarantine	https://docs.google.com/document/d/e/2PACX-1vT5fjDvRtWrzFMNoPQk7oK9o10KBEy0sPIXqfClY5y9y48tsdQRW7NBtbgE47vICbZwKEzllhRhJdE/pub
Newsela	https://newsela.com/about/distance-learning/
Kids Should See This - Video Collection	https://thekidshouldseethis.com/
Kialo Edu (argument mapping and debate)	https://www.kialo-edu.com/
Time for Kids	https://time.com/tfk-free/?utm_source=time&utm_medium=banner&utm_campaign=tfk&utm_term=att
VR/AR Learning	
Quivervision	https://buff.ly/2CUi4Z6
Merge Cube (Printable)	https://t.co/LAdNSIPGDq?amp=1
Google Expeditions: A listing of available Google expeditions in one location.	https://docs.google.com/spreadsheets/u/1/d/1uwWvAzAiQDUEkXkxvqF6rS84oae2AU7eD8bhxjJ9SdY/htmlview#gid=0

Google Expeditions on Chromebook	https://buff.ly/2ZuaZ7W
Questioning/Curiosity	
Wonderopolis	http://wonderopolis.org/
Thrively	http://www.thrively.com/classroom
Renzulli Learning: Total Talent Development	https://renzullilearning.com/ free for remainder of 2019-2020 academic year
STEM	Wonderopolis: Where the Wonders of Learning Never Cease
Engineering Activities	https://docs.google.com/document/d/1oCM2Ue9w32EUIGfRXsjwEXU_-Up8D6FSSWT8YGIBEtE/edit?usp=sharing
LEGO Challenges for younger kids	https://thestemlaboratory.com/lego-challenge-cards/
Other LEGO Challenges	http://www.educatingyoungengineers.com/lego-club-activity-ideas
PBS: Building Big Bridges, Domes, Skyscrapers, Dams & Tunnels	http://www.pbs.org/wgbh/buildingbig/
PBS: Design Squad	https://pbskids.org/designsquad/
Coding	https://code.org/
Augmented Reality Apps	https://www.teachthought.com/technology/32-augmented-reality-apps-for-the-classroom-from-edshelf/
Learn to Code	https://www.codecademy.com/
Design and Drive	http://www.scholastic.com/nascarspeed/drive/
Engineering at home	http://engineeringathome.org/
Aerospace/STEM resources	https://www.gocivilairpatrol.com/programs/aerospace-education/for-educators/aehome
PhET: Math and Science simulations	https://phet.colorado.edu/
Lego Challenge	https://coffeeforthebrain.com/lego-100-brick-quarantine-challenge/

Learning Labs/Virtual Field Trips	
Learn with the Smithsonian	https://www.si.edu/kids
Calendar of Virtual Field trips through May	https://docs.google.com/document/u/0/d/1qpFAQz_QJt0ZTVTixAyuGRjsKGYI23CjlaO9eLBkThE/mobilebasic
Learn a Second Language	
DuoLingo App and website: Learn 30+ Languages	https://www.duolingo.com/
Rosetta Stone	https://www.rosettastone.com/
Panda Tree	https://www.pandatree.com/FreeLearningSpanishResources
Creativity/Arts	
Mo Willems Lunch Doodles	https://m.youtube.com/watch?v=RmzjCPQv3y8&feature=youtu.be
Stone Soup (student writing, art, etc)	https://stonesoup.com/
Imagineering: Khan Academy & Disney partnership	https://www.khanacademy.org/humanities/hass-storytelling/imagineering-in-a-box
Mr. Ray's Art YouTube channel	https://www.youtube.com/channel/UCoCrvU-ixH-nFdjg8O1yy3Q
Theatre Folk- Drama teacher resource	https://www.theatrefolk.com/
Incredibox music app	https://www.incredibox.com/
Google Arts and Culture	https://artsandculture.google.com/
Advanced Online courses	
Explore Courses through Northwestern	https://www.ctd.northwestern.edu/courses?sort=alpha
450 Online Ivy	https://www.freecodecamp.org/news/here-are-38-0-ivy-league-courses-you-can-take-online-right-now-for-free-9b3ffc7b8c/amp/?__twitter_impression=true

Desmos Super Mario activities	https://teacher.desmos.com/activitybuilder/custom/5c7614041509d870d4838bfd
1,500 Free Online Courses From Top Universities	http://www.openculture.com/freeonlinecourses
Other Sites for Resource Collections	
Brian Housand	https://www.brianhousand.com/blog/just-in-time-20-terrific-free-content-resources
Dr. Shirley Farrell	http://www.livebinders.com/b/2644692
Byrdseed.com	https://byrdseed.tv/students/index.php?kids=true
Disney+ Educational Resources	https://www.brianhousand.com/blog/dynamic-disney-educational-resources
Mr. Nussbaum Education	https://mrnussbaum.com/
Smithsonian Learning Lab	https://learninglab.si.edu/
National Archives Special Resources	https://www.archives.gov/education/special-topics.html
NAGC	https://www.nagc.org/resources-educators-parents-during-covid-19
Indiana Department of Ed links	https://www.doe.in.gov/elearning/2020-covid-19-remote-learning#educator%20resources
Puzzles/Games Online	
The Slylock Fox Comic Puzzles	https://theslylockfiles.wordpress.com/
SET Game	https://www.setgame.com/set/puzzle
National Geographic Kids	https://kids.nationalgeographic.com/
Prufrock Press: free thinking skills ebook	https://www.prufrock.com/At-Home-Student-Activities.aspx

Themes/Values/Social-Emotional	
Never Alone (\$4.99)	https://www.common sense.org/education/game/never-alone-ki-edition
I'm Not Just Gifted book by Christine Fonseca	
Overcoming Obstacles: Life Skills	https://www.overcomingobstacles.org/curriculum/
Breakout Games	
Coronavirus Pandemic	https://docs.google.com/forms/d/e/1FAIpQLSdGPMWfFytPz4rnFFDUS2DiBz9QEkSaXSHT3UIm_yV7PH_aew/viewform
Hogwarts Digital Breakout	https://docs.google.com/forms/d/e/1FAIpQLSfINxNM0jzbZJjUqOcXkwhGTfii4CM_CA3kCxImbY8c3AABEA/viewform?fbclid=IwAR10iBRN3qfwd779mRqPvQcq2eaJErTczzMxulCYRBI5zRlepN-Kj4UTAYk
Breakout EDU: Fun @ Home (free)	https://www.breakoutedu.com/funathome
Tech Tools for Engagement	
Google Classroom	
Microsoft Teams	https://teams.microsoft.com/downloads
Zoom	https://zoom.us/
Kahoot!	https://kahoot.com/
Google Hangouts	
Nearpod	https://nearpod.com/
Flippity: Scavenger Hunt	https://flippity.net/ScavengerHunt.htm
Screencastify	https://youtu.be/_BvBmW1AoFI (tutorial)
PearDeck	https://www.peardeck.com/googleslides

Seesaw	https://web.seesaw.me/remote-learning-for-teachers
Bo Clips - educational videos Free until June 30, 2020	https://www.boclips.com/remote-learning-with-video-resources-for-teachers?hsCtaTracking=702fa38f-d56c-416c-824b-4bbf38785ff5%7C779c54f5-2683-441a-9234-23b81e6a08e1
Adobe Spark	https://spark.adobe.com/
Learning Keeps Going: free tools, strategies and tips	https://www.learningkeepsgoing.org/?__hstc=12275691.3858d88c916a34598f86ce2d69b18d5e.1578583147267.1584627500923.1584637418383.4&__hssc=12275691.2.1584637418383&__hsfp=2721172421