

WICSD

Home Learning Resources for Students & Families

(Arranged by subject area & grade band)



GENERAL RESOURCES

Grade(s) /Subjects	Resource Description & Link:
K-8, All Subjects	BrainPop (Teachers & Families have access to a free subscription for 30 days with extensions through the closure timeframe). Videos and activities explain concepts in a fun and engaging way. https://www.brainpop.com/
K-12, Math, Science, Social Studies (Some ELA)	CK-12 is more than just an online textbook resource. Videos, simulations, games and tutorials provide students with multiple ways to interact with content. https://www.ck12.org/browse/
K-12	Hour of Code – Great problem solving and coding practice with engaging challenges! https://code.org/learn
K-6	Storytime from Space—its actual astronauts reading stories for kids from space! https://storytimefromspace.com/mousetronaut-2/
K-12, All Subjects K-12	Discovery Education Virtual Field Trips https://www.discoveryeducation.com/community/virtual-field-trips/ Learn from Home with WXXI. Tune in for educational programming. https://www.wxxi.org/education/LearnAtHomeTV
K-12, All Subjects K-12	Google Arts and Culture- Virtual Field Trips https://artsandculture.google.com/partner?hl=en Take a Virtual Tour of a Museum https://artsandculture.google.com/partner?hl=en&tab=pop
K-12, All Subjects	Virtual Field Trips - San Diego Zoo, Yellow Stone National Park, Mars, Virtual Farm Tour
K-12, All Subjects	NYS Curated Resources for Digital Content: http://www.nysed.gov/edtech/digital-content
9-12 AP Subjects	https://apstudents.collegeboard.org/ Requires a student account. Access practice questions, tutorials and other AP course materials.

ENGLISH LANGUAGE ARTS

Grade Band (s) /Subjects	Resource Description & Link:
K-6	Really Great Reading: an online resource for parents to support foundational reading instruction. https://www.reallygreatreading.com/homeconnection/
K-6	Listen to stories online! https://www.storylineonline.net/
4-12	Read current event articles at your reading level and check your comprehension through short quizzes. https://newsela.com/
K-3	Build foundational reading skills through phonemic awareness instruction from home! https://www.youtube.com/watch?v=lroKByqjBd0&feature=youtu.be
K-6	Podcasts for Kids. https://www.nytimes.com/2020/03/17/parenting/podcasts-for-kids.html
K-6	Take advantage of 20 days of free learning journeys from Scholastic. Learning journeys are age-dependent and can be filtered by subject (i.e., reading). https://www.scholastic.com/parents/school-success/home-learning-resources.html
K-12	Khan Academy has partnered with Walt Disney to create engaging lessons and interactive activities to ensure continued learning for your child: https://khanacademy.zendesk.com/hc/en-us/articles/360040168512-Parent-Quick-Start-Guide
K-3	This website supports early reading instruction for emerging and novice readers. https://portal.flyleafpublishing.com/

Additional documents to explore for more resources (General and Subject Specific):

https://docs.google.com/document/d/1QG7W_fAfDz1TQ31tUjs2JCgKM7z2rmubagS--qESQbo/edit

<http://www.openculture.com/2020/03/use-your-time-in-isolation-to-learn-everything-youve-always-wanted-to.html>

<https://docs.google.com/spreadsheets/d/1jH4y-YZsh7iNv9UQca4FSQEM2-k3oHCyFDr3QDSyTgs/edit#gid=181509660>

<https://ditchthattextbook.com/10-sites-for-students-with-free-time-on-their-hands/>

MATHEMATICS

Grade(s) / Subjects	Resource Description & Link:
8-11	Regents courses: Algebra https://www.khanacademy.org/math/engageny/on-grade-engageny/engageny-alg-1 Geometry https://www.khanacademy.org/math/engageny/on-grade-engageny/engageny-geo Algebra 2: https://www.khanacademy.org/math/engageny/on-grade-engageny/engageny-alg2
K-8 CC	Remediation support and On grade support. These lessons align with the engageNY modules. https://www.khanacademy.org/math/engageny
7-12	Code.org is launching Code Break, a live weekly webcast where the team will teach students computer science at home. Weekly challenges for students of all abilities –even without computers! https://code.org/break?utm_source=announcement&utm_medium=email&utm_campaign=remote-resources&utm_term=3.18.20&utm_content=code-break
K-6	https://www.youcubed.org/evidence/fluency-without-fear/ Resource with math fact fluency research and games that aid in memorization.
3-5	DESMOS 9 activities designed for third- to fifth-grade classrooms, or any place where students would benefit from playful exploration of these ideas. https://teacher.desmos.com/collection/5d0a8f2573c4eb0e5cb25373
6-8	DESMOS Geometry activities https://teacher.desmos.com/collection/5e6fe60ba5ff3e0aca46ba6a
6-8	DESMOS Statistics Activities designed for middle school classrooms where students are studying univariate data or bivariate data represented in dot plots, histograms, scatter plots, and more. https://teacher.desmos.com/collection/5da8a6474d5c010a4455b470
6-8	DESMOS 5 activities are designed for middle school students who are studying early ideas of symbolic algebra. https://teacher.desmos.com/collection/5d9d12cd9bb4713ab3b0d267
K-5	Pearson Investigation Games: https://media.pk12ls.com/curriculum/math/Investigations3/gamecenter/english/index.html#
K-5	Math expressions online resource: Challenge activities, glossary, visual support for Math expressions (WICSD math resource) https://www.eduplace.com/math/mthexp/
K-12	Youcubed is developing an at home resource. This link will show the latest things available. https://mailchi.mp/youcubed/welcome-to-youcubedathome

SOCIAL STUDIES

Grade(s) / Subjects	Resource Description & Link:
PreK-Gr 6	Scholastic At-Home Learning Materials and plans –has a blend of Science and Social Studies materials. https://classroommagazines.scholastic.com/support/learnathome.html
K-12	PBS Social Studies has mixed media resources for Elementary school (K-6), US History, World History, Civics and Government, Geography https://ny.pbslearningmedia.org/subjects/social-studies/
7, 8, 11/US History	Digital History—an online resource for US History including primary source documents, images, and an online textbook. http://www.digitalhistory.uh.edu/
7-12	DocsTeach is a student friendly series of primary source analysis activities that uses the National Archives. Basically, EVERYTHING in American History (but also American interactions with foreign governments too!) https://www.docsteach.org/
7-12	Teaching Tolerance Podcasts https://www.tolerance.org/podcasts

SCIENCE

Grades & Subjects	Resource Description & Link:
K-12	Exploratorium Digital Resources https://www.exploratorium.edu/education/teaching-resources Tools to spark curiosity, exploration, and understanding...check out the "Science Snacks!"
9-12 Life and Earth Science	HHMI Bio interactive HHMI Bio interactives Animations and interactives with both student and teacher materials to illustrate change in systems over time
K-5	Mystery Science https://mysteryscience.com/school-closure-planning Relevant, interesting storylines for students to investigate; includes digital information and simple activities that can be conducted at home
K-12	PBS Learning Media https://ny.pbslearningmedia.org/subjects/science/?selected_facet=grade_s:K Explore natural phenomena and scientific practices with videos, lesson plans, and interactive tools.
K-12	RMSC https://mailchi.mp/rmsc.org/closed-for-covid-19-open-for-curiosity?e=c831553d63
K-12	Seneca Park Zoo https://senecaparkzoo.org/zooprojects/
6-12	PhET Interactive Simulations (6-8) https://phet.colorado.edu/ Online simulations to illustrate a range of science concepts (Physics, Chemistry, Math, Earth Science, and Biology)
K-5	Building Blocks of Science Carolina Learning from Home Articles and take-home science activities focused on essential content, grades K-5.

ART

Grades	Resource Description & Link:
K-12	Famous Museums Virtual Tours https://artsandculture.google.com/partner?hl=en
K-12	http://www.openculture.com/2020/03/take-a-virtual-tour-of-30-world-class-museums.html
3-8	https://www.origami-fun.com/origami-for-kids.html
4-12	Amazing tutorials for how to draw just about anything! <u>The Etherington Brothers: 300 FREE How to THINK when you DRAW tutorials!</u> https://theetheringtonbrothers.blogspot.com/p/every-how-to-think-when-you-draw.html
9-12	<u>Student Art Guide - Helping Art students excel</u> The Student Art Guide helps students excel in a wide range of high school Art qualifications, such as IGCSE, GCSE, A Level, NCEA, AP Studio and IB Art. Learn more. Created by experienced teachers We compile new ideas, best practice and helpful learning strategies for high school Art students. Our resources are recommended by leading www.studentartguide.com
6-12	<u>Artists Art21</u> https://art21.org/artists/ Art21.live. An always-on video channel featuring programming hand selected by Art21. Playlists. Curated by Art21 staff, with guest contributions from artists, educators, and more art21.org
6-12	Doodler's Anonymous https://www.doodlersanonymous.com/ We founded Doodlers Anonymous in 2008 to celebrate the addiction—our incessant need to draw, sketch, and doodle, be it with a pencil in a sketchbook, a marker on a napkin, a pen on a torn receipt, a Sharpie on concrete.
6-12	Tons of Drawing Challenges https://www.doodleaddicts.com/drawing-challenges/
1-12	Incredible @rt Department -Awesome Drawing Challenges and also tons of full art project lessons grade 1-12 art https://www.incredibleart.org/lessons/middle/sketchbook-ideas.html

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