

Resources to Support Student Learning During School Closures Due to COVID-19

2020



Connecticut State Department of Education

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Disclaimer: Inclusion in this guide does NOT constitute an endorsement or recommendation of any specific online material, program, or by any person or group who has contributed. These resources are provided solely to support continued student learning during school closures due to the COVID-19 outbreak.

Resources by Grade

General Resources Spanning PK – 12 (All Disciplines)

Link	Format	Additional Features
Boardworks NY School	Digital	username: NYstudent - password: myworksstudentny
Brain POP	Digital/paper	Available in Spanish
Brain POP Home Activities	Digital/paper	
IXL	Digital	
Khan Academy	Digital	
Kidtopia - A Student Friendly Information Search Engine	Digital	
Newsela	Digital	Students can sign up. Teachers can sign up for free during CV19 and create classes and assignments
PBS Kids Games	Digital	
Scholastic at Home 1-2	Digital	
Scholastic at Home 3-5	Digital	
Scholastic at Home 6+	Digital	
Scholastic at Home PK - K	Digital	
TedTalks Videos	Digital	Videos listed by subject

Grades PK - 2

Subject(s)	Link	Format	Additional Information
Reading, Science Social Studies	Scholastic at Home PK - K	Digital	
Reading	Spin a Word	Paper	
Math	Splash Learn Grade 1	Digital	
Math	Splash Learn Grade 2	Digital	
Reading, Science Social Studies	Scholastic at Home 1-2	Digital	
Social Studies	Education World	Digital	
ELA	https://www.uniteforliteracy.com/	Digital	More than 30 languages; includes Special Education and EL
ELA	https://www.readingrockets.org/literacyaps	Digital	Includes Special Education and EL

Subject(s)	Link	Format	Additional Information
ELA	https://www.khanacademy.org/ela	Digital	Includes Special Education and EL
ELA	http://www.readwritethink.org/parent-afterschool-resources/	Digital Print	Available in Spanish
ELA	https://newsela.com/	Digital Print	Available in Spanish; includes Special Education and EL
ELA	https://www.readingrockets.org/article/reading-adventure-pack-where-wild-things-are https://www.readingrockets.org/content/pdfs/literacybags/wildthings_09.pdf https://www.youtube.com/watch?v=ALmNPxNehYE https://www.youtube.com/watch?v=NFeNoLfBYk	Digital and Print	Available in Spanish; includes Special Education and EL
ELA	https://www.readingrockets.org/article/reading-adventure-pack-food https://www.readingrockets.org/content/pdfs/literacybags/food_08.pdf https://www.youtube.com/watch?v=trbHdayluLA https://www.youtube.com/watch?v=SbZSyQn_vo	Digital and Print	Available in Spanish; includes Special Education and EL
ELA	https://www.readingrockets.org/article/reading-adventure-pack-whats-next-very-hungry-caterpillar https://www.readingrockets.org/content/pdfs/literacybags/Caterpillar_English.pdf https://www.youtube.com/watch?v=btFctMhF3il https://www.youtube.com/watch?v=bdQ0ANwAR7E		
ELA	https://www.readingrockets.org/article/25-activities-reading-and-writing-fun#grade	Print	Includes Special Education and EL

Subject(s)	Link	Format	Additional Information
ELA	https://www.readingrockets.org/article/six-games-reading	Print	Includes Special Education and EL
Music	Classics for Kids	Digital	
Math	Greg Tang Math	Digital	Includes two math challenges with daily activities - Spring Break Challenge and March Madness Challenge
Math Fluency	Achieve the Core Fluency - Math by grade level	Paper	Resources for easy creation of math fluency packets by grade level- including links to worksheets for printing
Writing, ELA	Comic Writer	Digital	
Science	Science A-Z Leveled Science Articles		
Reading	Fun Brain Books	Digital	
Math	Fun Brain Math	Digital	
Reading, Social Studies, Science	Newsela	Digital	Students can sign up. Teachers can sign up for free during CV19 and create classes and assignments
Reading and Mathematics	IReady	Paper	Available in Spanish
Math	Xtra Math	Digital	

Grades 3-5

Subject(s)	Link	Format	Additional Information
Reading Fluency	Achieve the Core Fluency Packet	Paper	
Reading, Science Social Studies	Scholastic at Home 3-5	Digital	
STEM, Social Studies, English, Health, Arts	Brain POP Home Activities	Digital/ paper	
Science	Education World	Digital	
ELA	https://www.readingrockets.org/literacyapps	Digital	Includes Special Education and EL
ELA	https://www.khanacademy.org/ela	Digital	Includes Special Education and EL

Subject(s)	Link	Format	Additional Information
ELA	http://www.readwritethink.org/parent-afterschool-resources/	Digital Print	Available in Spanish
ELA	https://newsela.com/	Digital Print	Available in Spanish; includes Special Education and EL
ELA	https://www.fcrr.org/resources/resources_sca.html	Print	Includes Special Education and EL
ELA	https://www.readingrockets.org/article/25-activities-reading-and-writing-fun#grade	Print	Includes Special Education and EL
Math Fluency	Achieve the Core Fluency - Math by grade level	Paper	Resources for easy creation of math fluency packets by grade level- including links to worksheets for printing
Writing, ELA	Comic Writer	Digital	
Science	Science A-Z Leveled Science Articles		
Reading	Fun Brain Books	Digital	
General	The Kids Should See This	Digital	
Social Studies	Smithsonian "History Explorer"	Digital	
Social Studies	Newsela		
Social Studies	C3 Teachers Inquiries		
Social Studies	Densho		
Social Studies	https://www.esri.com/en-us/industries/education/schools/geoinquiries-collections		
Social Studies	Oklahoma Council For the Social Studies www.okcss.org		
Social Studies	Collection of curriculum units iCivics Scope & Sequence		
Social Studies	EconEdLink		
Social Studies	GeoHistory		
Social Studies	National Geographic		

Grades 6-8

Social Studies, Science	YouTube Minute Earth	Digital	
STEM, Social Studies, English, Health, Arts	Brain POP	Digital/ paper	Available in Spanish
Reading, Science Social Studies	Scholastic at Home 6+	Digital	
Reading Fluency	Achieve the Core Fluency Packet 6-8	Paper	
General	The Kids Should See This	Digital	
General	Watch, Know, Learn	Digital	
ELA	https://www.loc.gov/search/?in=&q=&new=true&st=	Digital	Includes Special Education and EL
ELA	https://www.khanacademy.org/ela	Digital	Includes Special Education and EL
ELA	http://www.readwritethink.org/parent-afterschool-resources/	Digital Print	Available in Spanish
ELA	https://newsela.com/	Digital Print	Available in Spanish; includes Special Education and EL
Social Studies	Densho		
Social Studies	https://www.esri.com/en-us/industries/education/schools/geoinquiries-collections		
Social Studies	Oklahoma Council For the Social Studies www.okcss.org		
Social Studies	EconEdLink		
Social Studies	Next Gen Personal Finance		
Social Studies	GeoHistory		
Social Studies	National Geographic		

Grades 9 – 12

Art	365 Doodle Prompts	Digital or paper	
Poetry	Teen Poems	Digital /paper	
Art, History	Virtual Museums Tour	Digital	Includes performances and virtual tours
Social Studies, ELA	Maptia	Digital	
Geography	GeoGuessr	Digital	Play for free 1x/day
Science	What If Youtube	Digital	
Reading Fluency	Achieve the Core Fluency Packet 9-10	Paper	
Physics	Minute Physics Youtube	Digital	
Social Studies	Smithsonian "History Explorer"	Digital	
Social Studies	The British Museum and the British Broadcasting Corporation (BBC)	Digital/paper	
Social Studies	The History World	Digital	
Social Studies	HyperHistory	Digital or Paper	
ELA	https://www.loc.gov/search/?in=&q=&new=true&st=	Digital	Includes Special Education and EL
ELA	http://www.readwritethink.org/parent-afterschool-resources/	Digital Print	Available in Spanish
ELA	https://newsela.com/	Digital Print	Available in Spanish; includes Special Education and EL
Social Studies	National Geographic		
Social Studies	America in Class from the National Humanities Center		
Social Studies	Historical Thinking Matters		
Social Studies	Digital History Reader (European History)		
Social Studies	Digital History Reader (U.S. History)		
Social Studies	World 101		

Resources by Subject

Arts

Grade Band	Link	Format	Additional Information
6-12	365 Doodle Prompts	Digital or paper	
K-5	Classics for Kids	Digital	
6-8	Google Arts and Culture	Digital	
6-12	Virtual Museums Tour	Digital	Includes performances and virtual tours

Career Technology Education

Connecticut's vision is that schools and districts provide each student access to rigorous pathways and programs of study that result in students graduating with the essential knowledge, skills and employability expertise to successfully meet the demands of Connecticut's expanding economy. Realizing this vision involves engaging students in career exploration at an early age.

- Connecticut Department of Labor web site is appropriate for *all Career Clusters* to research a variety of careers. This site provided information and short videos on a plethora of occupations to engage in sustained learning:
<https://www1.ctdol.state.ct.us/lmi/jobseek.asp>
- State of California career development apply to *all Career Clusters*
<http://www.californiacareers.info/#?Lesson%20Plans>.

English Language Arts (ELA)

Grade Band	Link	Format	Resource and Description	Additional information
PK-3	https://www.uniteforliteracy.com/	Digital	Unite for Literacy Enjoy free access to more than 400 original picture books, one fourth of them written in Spanish. The digital books provide audio narrations of each book.	More than 30 languages; includes Special Education and EL
5-12	https://www.loc.gov/search/?in=&q=&new=true&st=	Digital	Library of Congress Digital Collections Search millions of items in many formats and languages. Access online collections: view maps & photographs; read letters, diaries & newspapers; hear personal accounts of events; listen to sound recordings & watch historic films.	Includes Special Education and EL

Grade Band	Link	Format	Resource and Description	Additional information
K-5	https://www.readingrockets.org/literacyapps	Digital	Reading Rockets Literacy Apps Download apps that are fun and motivating for kids that provide practice with essential skills in print awareness, phonics, spelling, vocabulary, comprehension, and writing. Includes apps for children with dyslexia, ADHD, and autism spectrum disorder that support organization and goal setting, language and communication, and emotional regulation.	Includes Special Education and EL
2-8	https://www.khanacademy.org/ela	Digital	Khan Academy – ELA beta Created by experts, Khan Academy’s ELA beta materials are for learners and teachers.	Includes Special Education and EL
K-12	http://www.readwritethink.org/parent-afterschool-resources/	Digital Print	ReadWriteThink This organization provides parents with access to hundreds of high quality practice activities and projects in reading and language arts instruction by offering the very best in free materials. Materials include games, activities, videos, podcasts, and printouts. Partner organizations include the International Literacy Association and the National Council of Teachers of English. Use the search tool to identify appropriate activities by grade level, resource type, theme, and learning objective.	Available in Spanish
2-12	https://newsela.com/	Digital Print	Newsela With up to 10 new texts published every day, Newsela provides access authentic, engaging, diverse, and accessible materials for all learners. Text sets are curated for English language arts, social studies, science, and social-emotional learning. This site requires parent registration. Go to https://newsela.com/join/#/teach-or-read .	Available in Spanish; includes Special Education and EL

Grade Band	Link	Format	Resource and Description	Additional information
K-5	https://www.fcrr.org/resources/resources_sca.html	Print	Florida Center for Reading Research (FCRR) FCRR offers a collection of student activities for phonemic awareness, phonological awareness, phonics, advanced phonics, fluency, vocabulary, and comprehension	Includes Special Education and EL
K-1	https://www.readingrockets.org/article/reading-adventure-pack-where-wild-things-are https://www.readingrockets.org/content/pdfs/literacybags/wildthings_09.pdf https://www.youtube.com/watch?v=ALmNPxNehYE https://www.youtube.com/watch?v=NFe_NoLfBYk	Digital and Print	Reading Rockets Themed Reading Adventure Pack: Wild Things This adventure pack contains instructions, activities, and bookmarks, all designed to encourage hands-on fun and learning centered on paired fiction and nonfiction books.	Available in Spanish; includes Special Education and EL
K-1	https://www.readingrockets.org/article/reading-adventure-pack-food https://www.readingrockets.org/content/pdfs/literacybags/food_08.pdf https://www.youtube.com/watch?v=trbHdayluLA https://www.youtube.com/watch?v=SbZSyQn_vo	Digital and Print	Reading Rockets Themed Reading Adventure Pack: Explore Food This adventure pack contains instructions, activities, and bookmarks, all designed to encourage hands-on fun and learning centered on paired fiction and nonfiction books.	Available in Spanish; includes Special Education and EL
K - 3	https://www.readingrockets.org/article/reading-adventure-pack-		Reading Rockets Themed Reading Adventure Pack: Explore Food	

Grade Band	Link	Format	Resource and Description	Additional information
	whats-next-very-hungry-caterpillar https://www.readingrockets.org/content/pdfs/literacybags/Caterpillar_English.pdf https://www.youtube.com/watch?v=btFctMhF3il https://www.youtube.com/watch?v=bdQ0ANwAR7E		This adventure pack contains instructions, activities, and bookmarks, designed to encourage hands-on fun and learning centered on paired fiction and nonfiction books.	
K-6	https://www.readingrockets.org/article/25-activities-reading-and-writing-fun#grade	Print	Reading Rockets: 25 Activities for Reading and Writing Fun These activities for pre-readers, beginning readers, and older readers include what you need and what to do for each one.	Includes Special Education and EL
K-2	https://www.readingrockets.org/article/six-games-reading	Print	Reading Rockets: Six Games for Reading Playing games is a great way to provide additional practice with early reading skills. Here are six games parents or older siblings can use to help young readers practice word recognition, spelling patterns, and letter-sound knowledge.	Includes Special Education and EL

Mathematics

Grade Band	Link	Format	Additional Information
K-8	Fun Brain Math	Digital	
K	Splash Learn Kindergarten	Digital	
1	Splash Learn Grade 1	Digital	
2	Splash Learn Grade 2	Digital	
3	Splash Learn Grade 3	Digital	
4	Splash Learn Grade 4	Digital	

Grade Band	Link	Format	Additional Information
5	Splash Learn Grade 5	Digital	
K-5	Greg Tang Math	Digital	Includes two math challenges with daily activities - Spring Break Challenge and March Madness Challenge
K-5	Achieve the Core Fluency - Math by grade level	Paper	Resources for easy creation of math fluency packets by grade level- including links to worksheets for printing
K-12	Quantile Math@home	Digital/paper	
K-8	IReady	Paper	Available in Spanish
K-8	Xtra Math	Digital	

Physical Education/Health

The CDC (Center for Disease Control) recommends that children and adolescents ages six through 17 years should achieve a minimum of 1 hour of moderate-to-vigorous intensity physical activity each day, and activities that strengthen bones and build muscles at least 3 days a week.

These three types of physical activities should include:

- Aerobic: Most of the 60 minutes or more per day should be either moderate- or vigorous-intensity aerobic physical activity such as walking, running, or anything that makes their heart beat faster.
- Muscle-strengthening: As part of their 60 minutes or more of daily physical activity, children and adolescents should include muscle-strengthening physical activity, such as climbing or doing push-ups, on at least 3 days a week.
- Bone-strengthening: As part of their 60 minutes or more of daily physical activity, children and adolescents should include bone-strengthening physical activity, such as jumping or running, on at least 3 days a week.

Physical Activity Guidelines for School-Aged Children and

Adolescents: <https://www.cdc.gov/healthyschools/physicalactivity/guidelines.htm>

Move Your Way: <https://health.gov/moveyourway/get-kids-active/>

Free Kids Workouts: <https://www.grouphiit.com/collections/free-kids-workouts>

YouTube also has many free workout videos for a range of ages and abilities.

Science

Grade Band	Link	Format
3-6	PBS SciGirls	Digital
K-6	Science A-Z Leveled Science Articles	Digital
9-12	Minute Physics Youtube	Digital
8-12	What If Youtube	Digital
K - 12	Mystery Science	Digital
5 -12	Jason Learning	Digital
K - 12	Smithsonian Q?RIUS	Digital
K-12	PBS Learning Media - Science	Digital
K - 12	Ranger Rick's Kid Zone	Digital
9-12	Science Playwiths	Digital
K - 8	Education World	Digital
K - 12	Newsela	Digital and Print
2 - 12	NASA's Climate Kids	Digital

Social Studies

Grade Band	Link	Description
1 - HS	Smithsonian "History Explorer"	History Explorer is the online portal for free, standards-based K-12 resources including lesson plans, interactives, videos, and artifacts from the National Museum of American History. Educators can search resources by topic, grade level, and historical era. RSS feeds, a mobile version of the site, and integrated social networking tools, are also included. Related book, both fiction and non-fiction, are often suggested.
5-HS	The British Museum and the British Broadcasting Corporation (BBC)	This site uses objects to tell a history of the world. 100 objects from the British Museum and hundreds more from museums and people across the UK. Objects are from 2 million years ago to the present day and are connected to a timeline. Interactive site holds video, text, and beautiful photographs of objects for all over the world and in different times.
5 - HS	The History World	The aim of History World is to make world history more easily accessible through interactive narratives and timelines.

Grade Band	Link	Description
6-HS	HyperHistory	HyperHistory is an expanding scientific project presenting 3,000 years of world history with an interactive combination of synchronoptic* timelines, and maps. *The Synchronoptic History Chart is a timeline using visual art forms (maps, graphics, colors) in combination with textual information. Its main purpose is to convey a perspective of world historical events, and to understand what was happening in widely separated parts of the earth.
6 - HS	TimeMaps	The TimeMap of World History combines a world history timeline, atlas and encyclopedia to let students visit any civilization, nation or empire and see how history fits together. Includes lesson plans and materials.
5 - HS	EyeWitness to History	First-hand accounts, illustrated with vintage photos, and (where applicable) original radio broadcasts and video clips.
K - 12	Newsela	News articles that can be adjusted by Lexile level (free version available)
9-12	Khan Academy	Content videos (including Advanced Placement)
8 - HS	Digital Docs in a Box	Digital “kits” that are a collection of annotated documents, images and audio clips primarily from the Library of Congress—all resources are copyright free and easily downloadable. An overview of the kit and an introduction to the collection are provided.
K -HS	C3 Teachers Inquiries	K-12 Inquiries across the social studies
8-12	NMAI Native Knowledge 360	7-12 Inquiries with accompanying student and student materials, videos, etc. focused on Treaties through a number of topics including the Fort Laramie Treaty, Food Sovereignty, etc.
6-8	http://textbooks.wmisd.org/BigChapters.html	Interactive Textbook from Our Spatial Brains Regional Geography based on Big Ideas
4-12	Densho	A grassroots organization dedicated to preserving, educating, and sharing the story of World War II-era incarceration of Japanese Americans in order to deepen understandings of American history and inspire action for equity.

Grade Band	Link	Description
K-12	https://www.esri.com/en-us/industries/education/schools/geoinquiries-collections	GeoInquiries™ are short, standards-based inquiry activities for teaching map-based content found in commonly used textbooks. Each activity is designed using a common inquiry model and can be presented quickly from a single computer and projector or modified for students' hands-on engagement.
K- 12	www.okcss.org	Oklahoma Council For the Social Studies Resources, Presentations, Units, Lesson Plans
3-6	Collection of curriculum units iCivics Scope & Sequence	Resources and Games for students. Also provides lesson plans
3 -12	EconEdLink	Brought to you by the Council for Economic Education, this collection of curated resources that align with different economic and personal finance ideals. Collections will help guide you and your students through different discussion areas.
6-8	Next Gen Personal Finance	A collection of lessons, interactives, assessments, and other resources for engaging students with quality personal finance curriculum.
K-12	GeoHistory	A collection of GeoHistory lessons from the Arizona Geographic Alliance.
K-12	National Geographic	Bring National Geographic to your home through lesson plans, maps, and reference resources.
9-12	America in Class from the National Humanities Center	- The lessons present challenging primary resources in a classroom-ready format, with background information and strategies that enable teachers and students to subject texts and images to analysis through close reading.
9-12	Historical Thinking Matters	Each student investigations include a short movie, historical sources, guiding questions, and an essay prompt that can be emailed to the teacher.
9-12	Digital History Reader (European History)	This online learning experience is designed to enable students to develop the analytical skills employed by historians.
9-12	Digital History Reader (U.S. History)	This online learning experience is designed to enable students to develop the analytical skills employed by historians.

Grade Band	Link	Description
9-12	World 101	Understand the issues, forces, and actors that shape our world. From essays and discussion questions to glossaries and up-to-date reading lists, World101 provides comprehensive teaching resources for each of their modules.

Resources for English Learners (EL)

K-3

Starfall (phonics practice for ELs) <https://www.starfall.com/>

K-5

Storyline Online (read alouds with a large range of fiction books) <https://www.storylineonline.net/>

Epic (books in English and Spanish with large catalog of nonfiction and fiction as well as subject matter and content areas) <https://www.getepic.com/>

RAZ-kids (Online guided reading) <https://www.raz-kids.com/>

3-12

Common Lit (fiction and nonfiction texts; options for read aloud, translate into 20+ languages, annotate; includes guiding questions, assessment and discussion) <https://www.commonlit.org/>

K-12

Khan Academy (math support in multiple languages) <https://www.khanacademy.org/>

DuoLingo (fun, interactive language learning lessons in multiple languages, including English; for people of all ages) <https://www.duolingo.com/>

ELL Brainpop (interactive, leveled lessons on English for students of all ages; short movies, plus engaging vocabulary and grammar exercises) <https://ell.brainpop.com/>