



Remote Learning Resources: A Guide for Teachers

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OVERVIEW

The purpose of this report is to examine which resources were rated most effective by teachers during COVID-19. Online learning resource information is listed to easily identify which grades and subjects the resources serve. This report is designed to serve as an online learning resource clearinghouse to help teachers and school districts identify new or additional remote learning tools to help teachers in the event that remote learning returns in 2020-2021.

On March 17, 2020, public schools closed across the state of Illinois in an attempt to slow the spread of COVID-19. As of March 27, 2020, 1.5 billion children worldwide were impacted by school closuresⁱ. With these closures, many schools quickly transitioned to remote learning. While college classes may more easily shift to audio-recorded lectures and online learning platforms like Blackboard, K-12 teachers had to face a new reality in class preparation. Past studies have considered the impact that localized environmental crises had on students' educationⁱⁱ. However, these environmental crises did not have the national reach, duration, and economic impact of COVID-19.

This shift to online learning was unprecedented and no national protocols were put in place to support schools during this transition. Preparation time and resources available to teachers varied greatly from school to school. While some teachers already utilized communication tools like ClassDojo or Zoom and had access to school-wide individual laptops and tablets, these resources were not nationally available. Additionally, some students faced hardships of no home Internet access, no computer access, special developmental needs, and no family support. As education switched to remote learning, teachers had to additionally navigate social and economic disparities in order to teach their students.

Data Collection Process

An online survey was created to examine the successes and challenges K-12 teachers faced during the transition to remote learning. Participation lasted from April 28, 2020, until June 17, 2020. A total of 488 respondents (94.7 % from Illinois) responded to the question "What resources (old or new) are most effective for educating students now? (e.g., books, YouTube, MobyMax)." Teachers could report as many resources as they liked in a free response format.

User Guide Information

Data and supplemental information on the resources is presented in three ways.

- 1) Graph 1 displays resources that were categorized as the top 15 resources based on having the highest number of teachers referencing them as being most effective during COVID-19. For instance, Epic! was the fourth most commonly referenced resource with over 40 teachers mentioning it.
- 2) Table 1 compiles an alphabetical list of every resource described by a teacher respondent. It also shows which subject area(s) and grade level(s) best utilized the resource. Additionally, Table 1 states whether the resource is free, has a cost, or has both a free and paid version. Table 1 also includes information on whether the resource includes a mobile app version.
- 3) The final component of this document lists all of the resources in alphabetical order again, but briefly describes their features (e.g., free printable worksheets), and provides the website.

Contact Information

We hope that this list of resources encourages teachers and school districts to consider alternative ways to meet students' needs regardless of their circumstances. For more information about other data in this survey, please contact:

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Graph 1: Top 15 Remote Learning Resources

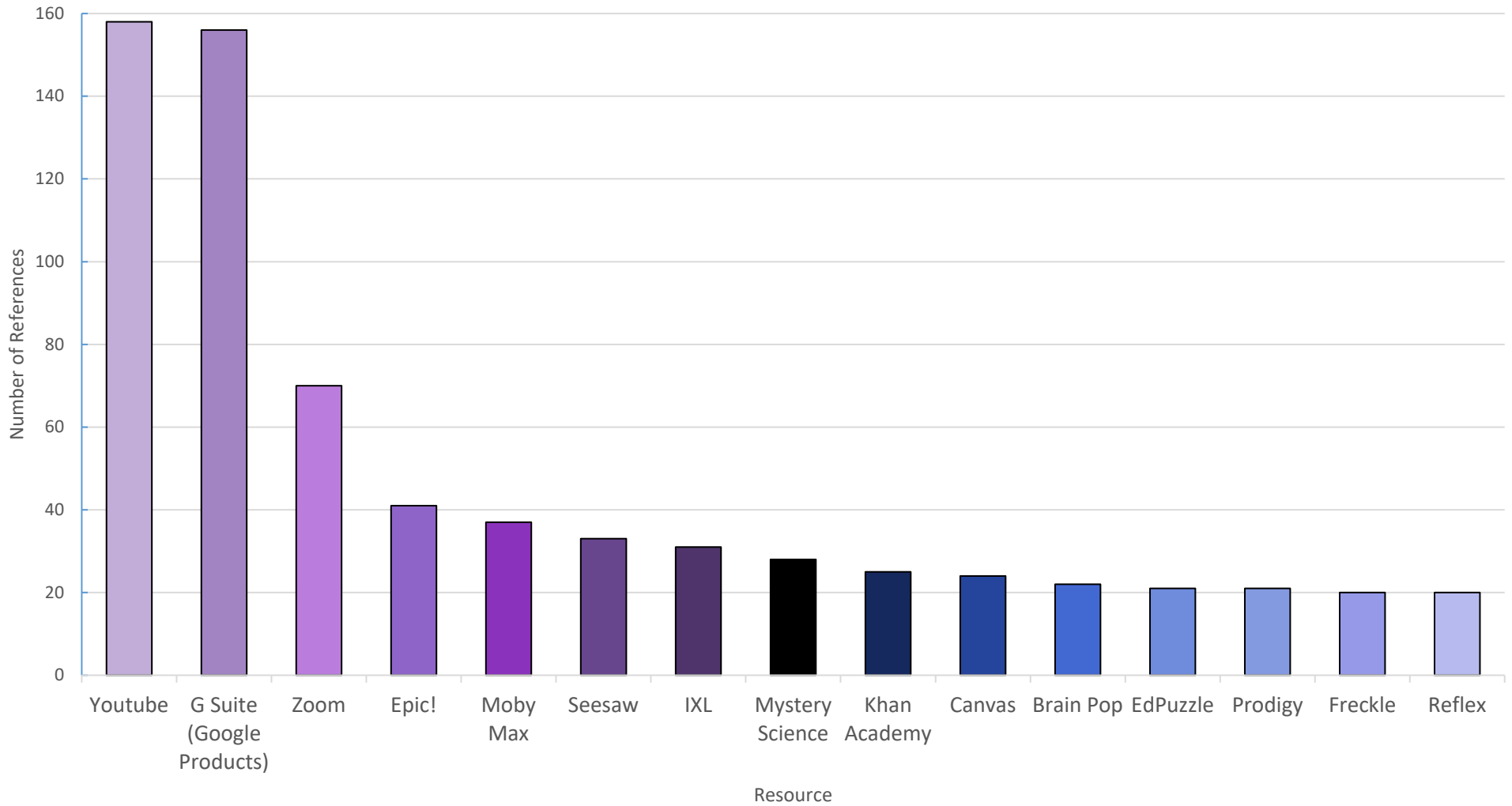




Table 1: Remote Learning Resources Overview

Resource Name	Subject Area or Tool Type							Grade Level													Pricing		App Option		
	English language, grammar, and reading	Foreign Languages	Math	Science	Social Studies	Arts and Music	Communication and Learning Management	Other Educational Resources	K	1	2	3	4	5	6	7	8	9	10	11	12	Not Specified		Free	Paid
ABC Mouse	X		X	X	X	X			X	X	X													X	X
Abeka	X		X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X			X	
Audible								X													X		X	X	
Boom Cards								X													X	X	X	X	
Brain Pop	X	X	X	X	X	X			X	X	X	X	X	X	X	X							X	X	
Canvas								X													X	X		X	
CK-12								X													X	X			
ClassDojo							X														X	X		X	
Classkick							X														X	X		X	
CNN10								X													X	X			
Common Core Sheets			X						X	X	X	X	X	X	X	X						X			
CommonLit	X										X	X	X	X	X	X	X	X	X	X		X			
Discovery Education									X	X	X	X	X	X	X	X	X	X	X	X			X		
Dreambox			X						X	X	X	X	X										X	X	
edHelper			X						X	X	X	X	X	X	X	X	X	X	X	X		X			
Edmentum								X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	
Edmondo							X														X	X		X	
EdPuzzle								X													X	X		X	
Educreations								X													X	X	X	X	
Edulastic							X														X	X	X		
Epic!								X													X	X		X	



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Flipgrid							X															X	X		X	
Flocabulary								X	X	X	X	X	X	X	X	X	X	X	X	X	X			X		
Freckle	X		X	X	X				X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	
G Suite (Google Products)							X														X	X			X	
Generation Genius				X					X	X	X	X	X											X		
Gimkit								X													X	X	X			
Go Guardian							X		X	X	X	X	X	X	X	X	X	X	X	X				X		
Goodreads								X													X	X			X	
IXL	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X
Jupiter Ed							X														X			X		
Kahoot!								X													X	X	X	X		X
Kesler				X										X	X	X								X		
Khan Academy	X		X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X			X			X
Lalilo	X								X	X	X												X	X		
Learning A-Z	X			X					X	X	X	X	X	X	X									X		X
Learning City	X			X					X	X	X	X	X	X	X	X	X	X	X	X				X		X
Legends of Learning			X	X							X	X	X	X	X	X							X	X		
Lesson Pix								X													X		X			



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Lexia	X								X	X	X	X	X	X										X	
Math Antics			X									X	X	X	X	X								X	
Math Seeds			X						X	X	X	X											X		
MATHia			X											X	X	X	X	X	X	X			X		
Moby Max								X	X	X	X	X	X	X	X								X		
Moodle						X															X	X	X	X	
Mr. Nussbaum								X	X	X	X	X	X	X	X	X							X		
Music Lab						X															X	X			
myShakespeare	X																				X	X			
Mystery Doug				X					X	X	X	X	X	X									X		
Mystery Science				X					X	X	X	X	X	X									X		
NearPod						X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X
News-2-You								X													X		X		
Newsela								X		X	X	X	X	X	X	X	X	X	X	X		X	X	X	
NoRedInk		X										X	X	X	X	X	X	X	X	X		X	X		
Notebility								X													X		X	X	
PBS Learning Media	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X		X		X	
Pear Deck								X													X	X	X		
Pearson	X		X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X			X	X	
PhET			X	X																	X	X			X
Power School							X		X	X	X	X	X	X	X	X	X	X	X	X			X	X	



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Prodigy				X						X	X	X	X	X	X	X	X							X	X	
QUIZZZ								X															X		X	
Quzlet								X													X	X	X	X	X	
Reading Eggs	X								X	X	X													X	X	
ReadWorks	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Reflex			X								X	X	X	X	X	X	X	X	X	X	X	X	X		X	
Rocket Spelling	X																				X			X		
SAVVAS								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Scholastic								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Scholastic Science World				X										X	X	X	X	X						X		
Screencastify								X													X	X				
Seesaw							X														X	X	X	X	X	
Señor Wooly		X															X	X	X	X				X		
SightReadingFactory						X															X			X		
SmartMusic						X															X			X		
Smekens								X													X			X		
SplashLearn			X						X	X	X	X	X	X									X	X	X	
Starfall								X	X	X	X													X	X	
Super Teacher Worksheets								X		X	X	X	X	X										X		



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Teach Your Monster to Read	X								X														X		X
Teachers Pay Teachers								X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	
Ted Ed								X													X	X			
The Kids Should See This								X													X	X	X		
Vocabulary.com	X																				X	X	X		
Xtra Math			X						X	X	X	X	X	X	X	X	X	X	X	X	X		X		X
Yabla		X																			X		X	X	
Youtube								X													X	X		X	
Zoom								X													X	X	X	X	



DETAILED RESOURCE LIST

Name: ABC Mouse

Features: Online learning and games

Grades: Pre K- 2

Website: <https://www.abcmouse.com/abt/homepage>

Name: Abeka

Features: Online curriculum and materials for christian education

Grades: K-12

Website: <https://www.abeka.com/>

Name: Audible

Features: Subscription-based audiobook service

Grades: Any

Website: <https://www.audible.com/>

Name: Boom Cards

Features: Self-Grading game exercises

Grades: Any

Website: <https://www.boomlearning.com/>

Name: Brain Pop

Features: Educational websites and videos

Grades: K-12

Website: <https://www.brainpop.com/>

Name: Canvas

Features: Collaborative workplace and virtual learning environment

Grades: Any

Website: <https://www.instructure.com/canvas/>

Name: CK-12

Features: Online textbooks, videos, exercises, and flashcards

Grades: Any

Website: <https://www.ck12.org/student/>

Name: ClassDojo

Features: Share photos, videos, and announcements

Grades: Any

Website: <https://www.classdojo.com/>



Name: Classkick

Features: Assignment sharing and tracking

Grades: Any

Website: <https://classkick.com/>

Name: CNN10

Features: Brings the 10 most important news stories of the day

Grades: Any

Website: <https://www.cnn.com/cnn10>

Name: Common Core Sheets

Features: Free printable common core math worksheets

Grades: K-8

Website: <https://www.commoncoresheets.com/>

Name: CommonLit

Features: Reading passages

Grades: 3-12

Website: <https://www.commonlit.org/en>

Name: Discovery Education

Features: Online curriculum and resources

Grades: K-12

Website: <https://www.discoveryeducation.com/>

Name: Dreambox

Features: Online math software

Grades: K-5

Website: <https://www.dreambox.com/>

Name: edHelper

Features: Free printable worksheets

Grades: Pre K - 12

Website: <https://www.edhelper.com/>

Name: Edmentum

Features: Assessments and courses for various grades

Grades: K-12

Website: <https://www.edmentum.com/>



Name: Edmodo

Features: Online classroom and communication tools

Grades: Any

Website: <https://www.edmodo.com/>

Name: EdPuzzle

Features: Video sharing and quizzes

Grades: Any

Website: <https://edpuzzle.com/>

Name: Educreations

Features: Online content sharing

Grades: Any

Website: <https://www.educreations.com/>

Name: Edulastic

Features: Student assessments

Grades: K-12

Website: <https://edulastic.com/>

Name: Epic!

Features: Learning videos, eBooks, and quizzes

Grades: K-5

Website: <https://www.getepic.com/>

Name: Flipgrid

Features: Video creation and sharing

Grades: Any

Website: <https://info.flipgrid.com/>

Name: Flocabulary

Features: Building vocabulary for a variety of subjects through hip-hop videos

Grades: K-12

Website: <https://www.flocabulary.com/>

Name: Freckle

Features: Math, science, social studies, and English practice and resources

Grades: K-12

Website: <https://www.freckle.com/>



Name: G Suite (Google Products)

Features: Classroom , Docs, Sheets, Forms, Slides, Sites, Voice, Hangouts, Calendar, and Gmail

Grades: Any

Website: https://edu.google.com/products/gsuite-for-education/?modal_active=none

Name: Generation Genius

Features: Online science videos, materials, quizzes, and activities

Grades: K-5

Website: <https://www.generationgenius.com/>

Name: Gimkit

Features: Quiz based learning game creator

Grades: Any

Website: <https://www.gimkit.com/>

Name: Go Guardian

Features: Classroom management and school mental health tools

Grades: Any

Website: <https://www.goguardian.com/>

Name: Goodreads

Features: Book recommendations, book lists, and sharing website

Grades: Any

Website: <https://www.goodreads.com/>

Name: IKnowit

Features: Interactive math practice

Grades: K-5

Website: <https://www.iknowit.com/index.html>

Name: iMovie

Features: Video editing software

Grades: Any

Website: <https://www.apple.com/imovie/>

Name: I-Ready

Features: Assessments and instructional resources for reading and math

Grades: K-8

Website: <https://www.curriculumassociates.com/products/i-ready>



Name: IXL

Features: Online curriculum

Grades: K-12

Website: <https://www.ixl.com/company/>

Name: Jupiter Ed

Features: Collaborative workplace and virtual learning environment

Grades: Any

Website: <https://jupitered.com/index.php>

Name: Kahoot!

Features: Quiz based learning game creator

Grades: Any

Website: <https://kahoot.com/>

Name: Kesler

Features: Science resources

Grades: 6-8

Website: <https://www.keslerscience.com/>

Name: Khan Academy

Features: Courses and Videos

Grades: K-12

Website: <https://www.khanacademy.org/>

Name: Lalilo

Features: Phonics exercises and games

Grades: K-2

Website: <https://lalilo.com/?language=en>

Name: Learning A-Z

Features: Includes Reading A-Z (leveled reading resources), Raz-Kids (eBooks and quizzes), Headsprout (online reading program), Science A-Z (online science activities), Writing A-Z (online writing tools), and Vocabulary A-Z (online vocabulary resource)

Grades: Any

Website: <https://www.learninga-z.com/>

Name: Learning City

Features: Includes WritingCity, VocabularySpellingCity, and Science4Us

Grades: K-12

Website: <https://learningcity.com/>



Name: Legends of Learning

Features: Math and Science games

Grades: 3-8

Website: <https://www.legendsoflearning.com/>

Name: Lesson Pix

Features: Create custom printable materials

Grades: Any

Website: <https://lessonpix.com/>

Name: Lexia

Features: Assessments and personalized instruction

Grades: K-12

Website: <https://www.lexialearning.com/>

Name: Math Antics

Features: Math videos and worksheets

Grades: 3-8

Website: <https://mathantics.com/>

Name: Math Seeds

Features: Online math lessons, games and activities

Grades: Pre K - 3

Website: <https://mathseeds.com/>

Name: MATHia

Features: Online math software

Grades: 6-12

Website: <https://www.carnegielearning.com/products/software-platform/mathia-learning-software/>

Name: Moby Max

Features: Learning modules with interactive games and activities

Grades: K-7

Website: <https://www.mobymax.com/>

Name: Moodle

Features: Collaborative workplace and virtual learning environment

Grades: Any

Website: <https://moodle.org/>



Name: Mr. Nussbaum

Features: Online games, lessons, and activities

Grades: K-8

Website: <https://mrnussbaum.com/>

Name: Music Lab

Features: Chrome tool with song creator and other music tools

Grades: Any

Website: <https://musiclab.chromeexperiments.com/>

Name: myShakespeare

Features: Web-based Shakespeare plays with videos and other interactive content

Grades: Any

Website: <https://myshakespeare.com/>

Name: Mystery Doug

Features: Short videos covering a variety of question topics

Grades: Any

Website: <https://mysterydoug.com/>

Name: Mystery Science

Features: Science curriculum

Grades: K-5

Website: <https://mysteryscience.com/>

Name: NearPod

Features: Online lessons and collaborative platform

Grades: K-12

Website: <https://nearpod.com/>

Name: News-2-You

Features: News articles and activities specifically geared towards special education students

Grades: Any

Website: <https://www.n2y.com/news-2-you/>

Name: Newsela

Features: News articles and assessments

Grades: 2-12

Website: <https://newsela.com/>



Name: NoRedInk

Features: Online grammar and language tool

Grades: 4-12

Website: <https://www.noredink.com/>

Name: Notability

Features: iOS app for notes and annotation

Grades: Any

Website: <https://www.gingerlabs.com/>

Name: PBS Learning Media

Features: Teaching resources such as videos, lesson plans, and games

Grades: Any

Website: <https://pbslearningmedia.org>

Name: Pear Deck

Features: Interactive activities and assessments

Grades: Any

Website: <https://www.peardeck.com/>

Name: Pearson

Features: Online courses

Grades: K-12

Website: <https://www.pearson.com/us/>

Name: PhET

Features: Interactive simulations for science and math

Grades: Any

Website: <https://phet.colorado.edu/>

Name: Power School

Features: Collaborative workplace and virtual learning tool

Grades: Any

Website: <https://www.powerschool.com/>

Name: Prodigy

Features: Math games and lessons

Grades: 1-8

Website: <https://www.prodigygame.com/>



Name: QUIZIZZ

Features: Learning quizeess and flashcards

Grades: Any

Website: <https://quizizz.com/>

Name: Quizlet

Features: Quiz based game creator

Grades: Any

Website: <https://quizlet.com/>

Name: Reading Eggs

Features: Online reading games and activities

Grades: Pre K - 2

Website: <https://readingeggs.com/>

Name: ReadWorks

Features: Reading content and curriculum

Grades: K-12

Website: <https://www.readworks.org/>

Name: Reflex

Features: Math games

Grades: 2-12

Website: <https://www.reflexmath.com/>

Name: Rocket spelling

Features: Game based spelling practice

Grades: Any

Website: <https://www.rocketspelling.com/>

Name: SAVVAS

Features: Online curriculum in a variety of subjects

Grades: K-12

Website: <https://www.savvas.com/index.cfm?locator=PSZ13f>

Name: Scholastic

Features: Books and online learning programs (such as TrueFlix or BookFlix)

Grades: Any

Website: <https://www.scholastic.com/home>



Name: Scholastic Science World

Features: Online and print science magazine with accompanying assignments

Grades: 6-10

Website: <https://scienceworld.scholastic.com/home-page-logged-out.html>

Name: Screencastify

Features: Record, edit, and share videos from a webcam or of a screen

Grades: Any

Website: <https://www.screencastify.com/>

Name: Seesaw

Features: Online portfolio for children to share assignments

Grades: Any

Website: <https://web.seesaw.me/>

Name: Señor Wooly

Features: Online Spanish music videos

Grades: 9-12

Website: <https://www.senorwooly.com/>

Name: SightReadingFactory

Features: Online sight reading examples and practice

Grades: Any

Website: <https://www.sightreadingfactory.com/>

Name: SmartMusic

Features: Practice tools, a music library, sight reading exercises, and feedback

Grades: Any

Website: <https://www.smartmusic.com/>

Name: Smekens

Features: Assisting teachers with literacy strategies

Grades: Any

Website: <https://www.smekenseducation.com/>

Name: SplashLearn

Features: Online math games

Grades: K-5

Website: <https://www.splashlearn.com/>



Name: Starfall

Features: Online games, movies, and books

Grades: Pre K - 3

Website: <https://www.starfall.com/h/>

Name: Super Teacher Worksheets

Features: Downloadable worksheets and lesson plans

Grades: 1-6

Website: <https://www.superteacherworksheets.com/>

Name: Teach Your Monster to Read

Features: Phonics and reading games

Grades: Pre K - K

Website: <https://www.teachyourmonstertoread.com/>

Name: Teachers Pay Teachers

Features: Marketplace for downloadable worksheets and lesson plans

Grades: Any

Website: <https://www.teacherspayteachers.com/>

Name: Ted Ed

Features: Animated educational videos

Grades: Any

Website: <https://ed.ted.com/about>

Name: The Kids Should See This

Features: Videos for a variety of topics ranging from science to DIY

Grades: Any

Website: <https://thekidshouldseethis.com/>

Name: Vocabulary.com

Features: Adaptive online vocabulary lessons

Grades: Any

Website: <https://www.vocabulary.com/>

Name: Xtra Math

Features: Online math education activities

Grades: Any

Website: <https://xtramath.org/#/home/index>



Name: Yabla

Features: Online language learning for Chinese, Italian, Spanish, French, German, and English

Grades: Any

Website: <https://www.yabla.com/>

Name: Youtube

Features: Uploading videos, sharing existing videos

Grades: Any

Website: <https://www.youtube.com/>

Name: Zoom

Features: Chat, phone, and video meetings

Grades: Any

Website: <https://zoom.us/>

ⁱ Strauss, V. (2020). 1.5 billion children around globe affected by school closure. What countries are doing to keep kids learning during pandemic. Washington Post. Retrieved from https://www.washingtonpost.com/education/2020/03/26/nearly-14-billion-children-around-globe-are-out-school-heres-what-countries-are-doing-keep-kids-learning-during-pandemic/?utm_campaign=wp_main&utm_medium=social&utm_source=facebook.

ⁱⁱ Picou, J. S., & Marshall, B. K. (2007). Social impacts of Hurricane Katrina on displaced K–12 students and educational institutions in coastal Alabama counties: some preliminary observations. *Sociological spectrum*, 27(6), 767-780.