

Resources for Virtual Teaching & Learning

Lesson Design Sites/Pedagogical Resources	Content
Assignment Design	Transparent Assignment Design -Purpose (content, skill, real life relevance?) -Task (steps) -Criteria for success (how it will be graded; sample; rubric)
Lesson Design	Similar to above
Teaching Threshold Concepts	Teaching Threshold Concepts (that are central to mastering a subject) Must be: -transformative -troublesome -irreversible -integrative -bounded -discursive -reconstitute -Liminality (right of passage)
Understanding by Design	Understanding by Design Backward Design 3 stages Backward design template
Backward Design	The “how-to” for Backward Design
Accessibility Checker	Accessibility checker for word, excel, and outlook Ensure your content is easy for people of all abilities to read and edit.
What Makes an Excellent Online Teacher	Differentiation Methods:

	<ol style="list-style-type: none"> 1. Content knowledge 2. Pedagogical knowledge 3. Cultural awareness 4. Self-awareness <p>Flexibility Decisions on time Classroom community</p>
Building Connections for Early Learning Online	<i>The New Education by Cathy Davidson</i> Stratton School example of building connections for EL online learning. Not simply taking content and putting it online.
Evidence-Based Learning	Videos showcasing evidence-based learning
Online Learning in Teacher Prep Education	Online Education on its way to Teacher Prep Programs
Design for Equity	Designing for Equity in Distance Learning
Increasing Social Connections in Virtual Classrooms	How to increase social connections for students.
Blended Learning	Guide to Blended Learning -Part Online -Part Away from Home -Along a Learning
Professional Development & Resources	Professional Development site for teachers that includes classroom materials, online courses, books, etc.
EdTechTeacher Free Webinars	Register for free webinars that will support planning for remote learning and the role of technology.
Using Learning Stations to Start the Year	Learn how to use learning stations to introduce students to each other, introduce content and build relationships.
Example of First Day of Digital Class	To save a copy, go to File, Save a Copy and you can edit the slides as needed. This was created by @magicalmsmurphy
Build Relationships with Students	Start building relationships with these suggestions before and during the school year.
Recommendations for Virtual Learning	Illinois State Board of Education provides resources for instructional design and remote learning.

Education & Racial Justice Webinars & Workshops 2020	Playlist of virtual webinars and workshops around racial justice and equity in education.
Active Learning Network	Resources for engaging students with online learning.
Vanderbilt Center for Teaching	Similar to above.
Synchronous and Asynchronous Learning	Suggestions on how to make the most of distance learning and time management.
Pacing Distance Learning	Learn how to structure your school day during the COVID-19 pandemic.
Community Building	Ideas for virtual community building.

Tutorials for Various Platforms	County
Microsoft Teams Using Teams	<ul style="list-style-type: none"> • Dekalb County • Cobb County • Fulton County • Cherokee County • Forsyth County
Google Classroom	<ul style="list-style-type: none"> • Atlanta Public Schools • Clayton County • Gwinnett County • Decatur City • Henry County • Paulding County • Rockdale County

Tech Tools	Purpose	Description
Padlet	Presentation	Virtual Bulletin Board (think Pinterest) for collaboration Padlet in Use
Quizlet Quizlet in Use	Assessment	Flashcard creator
Flip Grid	Collaboration	Create asynchronous video discussions How To Video
Screencasting	Screencasting	Using screencasting (video recording of actions taking place on a screen) to demonstrate “how to” and as an assessment tool.
Seesaw	Digital Journal	Digital Journal where students can post images, text, audio, assignments, etc.
Synth	Podcast Creator	<ul style="list-style-type: none"> • Create micro-podcasts that can be open or moderated •
Anchor	Podcast Creator	<ul style="list-style-type: none"> • Create a podcast for each student as a private audio journal
Google Slides Audio	Presentation	<ul style="list-style-type: none"> • Insert audio into slides with mp3 files
Voice Recorder	Audio	<ul style="list-style-type: none"> • Record your voice and save it as an mp3

Google Video Slides	Presentation	<ul style="list-style-type: none"> • Insert mp4 or YouTube videos into slides
EdPuzzle	Assessment	<ul style="list-style-type: none"> • Make a video and track student comprehension
PlayPosit	Assessment	<ul style="list-style-type: none"> • Check student comprehension with this tool.
Pear Deck	Collaboration	<ul style="list-style-type: none"> • Engage students with active learning and formative assessment resources
Nearpod	Collaboration	<ul style="list-style-type: none"> •
App and Tool Guide	Guide	<ul style="list-style-type: none"> • Select your teaching objective, device, and grade level for a list of digital apps you can use.
Sketchnote	Visual Notetaking	<ul style="list-style-type: none"> • A tool for visual notetaking • How to Sketchnote • An example of a <i>layout</i> on Sketchnote • Conference Presentation on how to Sketchnote
Book Creator	Creation	<ul style="list-style-type: none"> • Make, read and share interactive books
Animaker	Creation	<ul style="list-style-type: none"> • Created animated media and presentations.
Animoto	Creation	<ul style="list-style-type: none"> • Turn photos and video clips into videos slideshows.
Answer Garden	Synthesis	<ul style="list-style-type: none"> • Word cloud generator as a form of formative assessment.

Audacity	Audio	<ul style="list-style-type: none"> • Free downloadable software that can be used to record and edit sounds (audio editor).
Desmos	Interactive Learning Tool	<ul style="list-style-type: none"> • Online graphic calculator • Interactive Math activities
Edulastic	Assessment	<ul style="list-style-type: none"> • An assessment tool.
Factile	Assessment	<ul style="list-style-type: none"> • Create jeopardy style games
Flippity	Assessment	<ul style="list-style-type: none"> • This website has templates for many game boards.
Genially	Presentation	<ul style="list-style-type: none"> • Allows user to create interactive presentations.
Gimkit	Assessment	<ul style="list-style-type: none"> • Platform created by a student that allows you to create lesson plans and accompanying formative assessments in game form.
GoFormative	Assessment	<ul style="list-style-type: none"> • Web-based formative assessment tool that allows teachers to see responses in real time.

Insert Learning	Creation	<ul style="list-style-type: none"> • Chrome extension that allows teachers to turn websites into interactive experiences. Videos, questions, audio, etc. can be inserted into a website.
Kahoot	Assessment	<ul style="list-style-type: none"> • Student response tool that allows teachers to create a variety of questions to engage students in a game like experience.
Linoit	Presentation	<ul style="list-style-type: none"> • Virtual bulletin board sharing site.
Loom	Screencasting	<ul style="list-style-type: none"> • Screencasting tool that can be used to record screens, audio, websites, etc.
Mentimeter	Presentation	<ul style="list-style-type: none"> • Interactive presentation tool that allows for engagement of the audience- polls, reactions, etc.
MySimpleShow	Presentation	<ul style="list-style-type: none"> • Web based platform to create explainer presentations. (Limited free version.)
Nearpod	Presentation	<ul style="list-style-type: none"> • Interactive presentation and assessment tool. Videos, images, PDF's and more can be uploaded. Some premade content is available.
One Note	Virtual Notetaking	<ul style="list-style-type: none"> • Note taking and organizational tool (Microsoft 365).

Parlay Ideas	Collaboration	<ul style="list-style-type: none"> • Roundtable discussion platform where students can interact with teachers and classmates (virtually or in person).
Piktochart	Creation	<ul style="list-style-type: none"> • Online tool that allows users to create infographics, presentation slides and more.
PlayPosit	Assessment	<ul style="list-style-type: none"> • Allows teachers to turn websites into interactive tools (including multiple choice questions and fills in the blanks).
Poll Everywhere	Collaboration	<ul style="list-style-type: none"> • Student-response tool that offers whole-class participation and assessment through teacher surveys, polls, and discussions.
Powtoon	Creation	<ul style="list-style-type: none"> • Allows users to create animated slideshows that play like videos.
Presentious	Presentation	<ul style="list-style-type: none"> • Allows users to voice over presentation slides.
Quizlet	Assessment	<ul style="list-style-type: none"> • Allows users to generate flashcards, matching activities and more with important vocabulary.
Quizizz	Assessment	<ul style="list-style-type: none"> • Game show style quiz tool.

PDF Scanner	Instructional Virtual Tool	<ul style="list-style-type: none"> • An app for scanning and saving digital documents.
Screencastify	Screencasting	<p>Chrome extension that allows the user to record screen, face, voice and more (some interactive tools).</p> <ul style="list-style-type: none"> •
Screencastomatic	Screencasting	<ul style="list-style-type: none"> • Online screen recorder that allows teachers and students to record, trim, edit, save, and share screencasts.
Slido	Assessment	<ul style="list-style-type: none"> • Teacher created web-based interactive polling and Q&A platform.
Socrative	Assessment	<ul style="list-style-type: none"> • Student-response system that can help teachers utilize user-created polls and quizzes.
Storybird	Creation	<ul style="list-style-type: none"> • Online social platform that allows users to create their stories (no original artwork).
StoryJumper	Creation	<ul style="list-style-type: none"> • Website that allows students to create their own illustrated stories.
Sutori	Creation	<ul style="list-style-type: none"> • Tool that allows users to create interactive stories and timelines.

Thing Link	Presentation	<ul style="list-style-type: none"> • Allows the user to embed multimedia content into videos and images.
Tricider	Collaboration	<ul style="list-style-type: none"> • Website that offers a free brainstorming and voting platform.
Vocaroo	Audio	<ul style="list-style-type: none"> • Voice recorder that allows recording to be linked in other places.
Voice Thread	Creation	<ul style="list-style-type: none"> • Allows users to create and share media projects that can incorporate video, image, voice, and even drawings. (No free version)
Wakelet	Virtual Bulletin Board	<ul style="list-style-type: none"> • Teachers and students can save links, social media posts, videos, and images as items to be organized into collections.
Wizer	Assessment	<ul style="list-style-type: none"> • Allows user to create digital worksheets.
WordArt	Creation	<ul style="list-style-type: none"> • Word cloud art creator.
Wordle	Creation	<ul style="list-style-type: none"> • Word cloud generator.

Wordwall	Creation	<ul style="list-style-type: none"> Used to create both interactive and printable activities. Most templates are available in both an interactive and a printable version. Use already made lessons check for understanding.
Whola	Collaboration	<ul style="list-style-type: none"> A Bingo guessing game on Zoom.

Content Websites	What You Will Find
Teaching Tolerance	Free resources for educators of K-12 that emphasize social justice, anti-bias and tolerance.
LinkedIn Learning	Free Month's Trial Content Knowledge Videos
TED Talks	TED Talks that will inspire you and your students.
Ted Ed	Website featuring a series of educational video lessons on a variety of subjects.
NCSS	Supports Social Studies education NCSS Digital Library offers classroom activities, articles and lesson ideas based on historical period or grade level
Museums	20 online museums for virtual field trip(National Portrait Gallery, Smithsonian, NASA, etc.)
Common Sense Media	Find reviews on a variety of media (movies, books, tv shows, websites) so that you can promote safe technology and media for your students.
NSTA (National Science Teaching Association) Virtual Labs Collection	A collection of virtual science labs
NCTM (National Council of Teachers of Mathematics)	Online resources for standards-based instruction

Art	Websites every art teacher should know
ELA Peer-Recommended Online Resources	ELA resources
Georgia Home Classroom	GPB Education has partnered with GaDOE to provide learning resources. Here you will find a schedule for digital programming with resources to go with them. You can also find learning resources that align with GA standards.
Big History Project	Big History Project is a free, online social studies course that emphasizes skill development as students make connections between past, present and future. Units include interactive activities, writing prompts, and more.
BioInteractive	BioInteractive brings biological research to life through videos, simulations, data points, virtual labs, classroom activities, and more.
Crash Course	Educational videos on various high school topics/subject areas.
Khan Academy	Self-paced instruction videos on multiple topics such as math, science, economics, history and more.
Memrise	Online language tool designed to learn other languages with video clips.
NOVA Labs	NOVA Labs is a free digital platform that engages students in games and interactive activities that foster authentic scientific exploration.
PhET interactive Simulations	Collection of virtual science experiments and demonstrations, for math and science topics (from K-12+).
Point of View (POV)	Independent nonfiction films that add a human face to contemporary social issues.
Go Noodle	Access physical movement and mindfulness ideas available for free.
Films for Action	Learning library for social change online.
Kanopy	Stream thousands of films for free from participating public libraries, colleges and universities.

Virtual Field Trips	Content
https://childrensmuseumatlanta.org/educators/museum-on-the-go/	Children’s Museum of Atlanta can conduct workshops for your students that meet standards for all grades.
Atlanta Museums at Home	Atlanta’s Top Museums providing free virtual experiences.
Center for Puppetry Arts	The world of puppetry that supports education standards.
The World’s Best Museums	Explore the collection of 2500 museums and galleries around the world.