

Kentucky Skills U Instructional Technology Framework



KENTUCKY SKILLS U INSTRUCTIONAL FRAMEWORK SERIES INTRODUCTION

IMPETUS FOR FRAMEWORKS

The Kentucky Skills U Instructional Framework Series was designed to provide a common instructional foundation for all of Kentucky’s adult education providers. Local adult educators (who intuitively aligned instruction with college and career readiness standards, student assessment criteria, and program performance metrics) provided the impetus for this project. (In an effort to acknowledge those who inspired this work, contributions of individual Kentucky Adult Educators are signified with a pink highlight throughout the entire framework series.)

Building upon the work done by local providers, a state-level team designed the KY Skills U Instructional Framework Series to align all instruction statewide with the LINC'S Professional Development Center State Leadership Self-Assessment Tool, the LINC'S Adult Education Teacher Competencies, the Data Recognition Corporation TABE 11/12 Blueprints, and the GED® Testing Service High Impact Indicators (HIIs). The result is a four-framework series comprised of:

- **The Student Framework** – Research and strategies targeted to adult student retention and persistence, aligned with LINC'S AE Teacher Competencies
- **The Mathematics Instructional Framework** – Instructional resources aligned with TABE 11/12 levels and GED® HIIs
- **The Reasoning Through Language Arts Instructional Framework** – Instructional resources aligned with TABE 11/12 levels and GED® HIIs
- **The Instructional Technology Framework** – Instructional resources, accompanied by detailed screenshot and video tutorials, aligned with LINC'S AE Teacher Competencies

INTENDED USES OF FRAMEWORKS

The KY Skills U Instructional Framework Series **provides comprehensive, assessment-aligned instructional support to adult educators**. The frameworks serve as the basis for intensive, ongoing, job-embedded professional learning in the form of provider-based professional learning communities and targeted, framework-aligned, online professional learning elective courses. The four frameworks also:

- Arm instructional leaders with research-based instructional coaching resources
- Equip providers with relevant instructional technology and distance learning tools to support instruction
- Orient providers with best practice strategies for understanding, recruiting, and retaining adult students
- Prepare volunteer tutors with high-quality instructional resources to support learners

INFORMATION FOR NAVIGATING FRAMEWORKS SUCCESSFULLY

To ensure quick and easy access to resources featured in the frameworks, resources have been color coded, as shown below:

KY Skills U Lesson Bank Lesson (yellow highlight)

Network Resources Open College & Career (NROC) Playlist (light grey highlight)

Open Educational Resource (OER) (no highlight)

Kentucky Skills U Educator Model Lesson Segment (pink highlight)

Videos	*Must download for optimal quality
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Kentucky Skills U Instructional Technology Framework

Kentucky Skills U, in conjunction with the Morehead State University Adult Education Academy, is pleased to present this framework for Instructional Technology. The framework is intended to be a living document and one that is open to feedback from instructors; therefore, enhancements suggested from instructors in the field may be added. Finally, color-coding in this framework correlates to the Learner Persistence Program Self-Evaluation.

The examples of Instructional Technology described in the following framework are meant to supplement instruction, not to replace it. Sound instruction is designed around learning objectives, and integration of the technology tools highlighted below contextualizes instruction to increase the digital literacy needed for both college and career success.

The following is an index of the resources cited in the framework and the LINC Adult Education Teacher Competencies the resources can address. Please note that not all of the AE Teacher Competencies are used in this framework. The document outline on the following page contains links to specific competencies referenced in the framework for ease of navigation.

Name of Resource	Instructor Competency	Name of Resource	Instructor Competency	Name of Resource	Instructor Competency
AAAKnow (AAAMath, et.al.)	2.1.3, 2.2.5, 2.3.3, 2.3.5	FastForward Skill Check App	2.1.3, 2.3.5	OneDrive	2.4.2
ActivInspire	2.1.4, 2.3.4	Flashback Express	2.4.3	OneNote	2.5.3
Apowersoft	2.4.2, 2.4.3	GCFLearnFree	2.1.1, 2.1.3, 2.1.4, 2.3.3, 2.4.1	PowerPoint	3.2.3
Applied Digital Skills	2.4.2, 2.4.3, 2.5.3	GED Practice Test 2018 Edition (app)	2.1.3	Prezi	2.4.3
Ask Rose	2.1.3	Google Classroom	2.1.2, 3.2.3	Quizlet	2.1.4, 2.3.4
BCcampus	2.1.1, 2.2.4	Google Docs, Forms	2.3.5	Read Aloud	2.3.3
Blackboard	3.2.3	Google Earth	2.4.1	Read&Write	2.3.3
Burlington English	2.1.1				
California Distance Learning Project	2.1.3, 2.3.3	Google Hangouts	2.1.2	Read Theory	2.1.3, 2.2.5
Canvas	3.2.3	Google Slides	2.5.3, 3.2.3	ReadWorks	2.3.3
Center for the Study of Adult Literacy	2.1.3	Hippocampus	2.2.1	Recap	2.1.2, 2.1.4
Chromevox	2.3.3	Insert Learning	2.3.2, 2.4.2	Remind	3.2.3
CK-12	2.1.4, 2.2.4	IXL	2.1.3, 2.2.5, 2.3.3, 2.3.5	Skills Commons	2.1.1, 2.2.4
CrowdEd Learning	2.1.1	Kahoot	2.3.5	Socrative	2.2.5
Cult of Pedagogy	2.5.3	Khan Academy	2.1.4, 2.2.1, 2.2.4	TesTeach	2.1.4, 2.4.4, 3.2.3
Curriki	2.2.4, 2.4.4	LearnZillion	2.1.4, 2.2.1, 2.2.4, 2.3.2	TV411	2.3.2
Desmos	2.2.4	Mentimeter	2.1.4	Tween Tribune	2.3.3
Edmodo	2.3.3	Nearpod	2.1.4, 3.2.3	USA Learns	2.1.1, 2.3.3
EdReady	2.1.4, 2.2.1, 2.2.4	Newsela	2.3.3	Varsity Tutors	2.1.3
Equatio	3.2.3	NoRedInk	2.1.1, 2.1.3, 2.3.3, 2.3.5, 3.2.3	Veritasium	2.1.4, 2.3.2, 2.4.1
Facebook: Groups, Live	2.1.2	OER Commons	2.1.1, 2.2.4, 2.4.4	WebQuest / Zunal	2.4.1, 2.4.2, 2.4.3
Fast Forward	2.1.3, 2.2.1, 2.2.4, 2.3.3	Office 365/Microsoft Office	2.4.2	Worldwide Interactive Network (WIN) Learning	2.1.1
				YouTube	2.1.4, 2.3.4



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LINCS AE Teacher Competencies

Domain 2: Plans and delivers high-quality, evidence-based instruction

2.1 Designs learner-centered instruction and classroom environments.

- [2.1.1](#) Presents content that connects to learners' goals and interests and is applicable to their lives.
- [2.1.2](#) Establishes a community of practice among learners to encourage peer-to-peer learning and a rapport with other students so that they feel encouraged to voice ideas and opinions without fear of negative consequences.
- [2.1.3](#) Encourages learner self-regulation and metacognition through a variety of skill-building activities to improve learning and overcome difficulties.
- [2.1.4](#) Provides multiple means and modalities for presenting and engaging learners with concepts, ideas, and materials.

2.2 Designs standards-based instructional units and lesson plans.

- [2.2.1](#) Focuses teaching and learning on a targeted set of standards that builds on their connections to one another.
- [2.2.4](#) Selects and uses resources and textbooks to align with the learning goals of the standards as a whole, as well as to individual standards.
- [2.2.5](#) Elicits direct, observable evidence of learners' abilities to independently demonstrate the targeted set of standards.

2.3 Uses instructional techniques that are effective with adult learners.

- [2.3.2](#) Varies instructional activities and examples to improve conceptual understanding and skill development.
- [2.3.3](#) Addresses diverse learning modalities, abilities, needs, and interests through differentiated instruction.
- [2.3.4](#) Provides various opportunities for classroom interaction, where learners are grouped with others with a range of same-to-different needs, interests, and abilities, as well as opportunities for individual work, when appropriate.
- [2.3.5](#) Uses explicit instruction in instructional design to set a purpose for learning that is clear to the learner, breaks down content into smaller parts that follow a logical sequence, includes modeling, and provides immediate feedback to learners.

2.4 Designs instruction to build learners' technology and digital media literacy skills

- [2.4.1](#) Demonstrates the value of technology to stimulate learning, pique interest, and provide opportunities to apply ideas and concepts to learners' daily lives.
- [2.4.2](#) Provides appropriate hands-on opportunities for learners to interact with computers, the Internet, and other digital media on a regular basis, from basic operations to more sophisticated ones in order to build technology literacy skills.
- [2.4.3](#) Provides tasks and projects within the course content that require technology for research, presentation, data management, and other skills.
- [2.4.4](#) Teaches critical analysis and evaluation strategies of Web-based information and digital media, including an understanding of authenticity, agenda, purpose, and point of view.

2.5 Designs instruction to build learners' higher-order thinking, communication, and problem-solving skills.

- [2.5.3](#) Provides learners opportunities to apply their knowledge, skills, and new learning to identify obstacles and solutions to real-life and classroom projects through independent and collaborative problem-solving activities.

Domain 3: Effectively communicates to motivate and engage learners.

3.2. Communicates in a clear and understandable way.

- [3.2.3](#) Selects level-appropriate materials and presents them in an understandable and organized format to support the goals of the lesson.

Kentucky Skills U Instructional Technology Framework

AE Teacher Competency Domain 2: Plans and delivers high-quality, evidence-based instruction

Teacher Competency 2.1: Designs learner-centered instruction and classroom environments. C B F E			
Performance Indicator 2.1.1 Presents content that connects to learners' goals and interests and is applicable to their lives.			
Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
A source for online career and college readiness instruction, resources, and assessments including academic and essential soft skills.	Worldwide Interactive Network (WIN) Learning https://www.wincrsystem.com/ (chrome browser recommended)	Quick-Start Guide http://kyae.ky.gov/educators/resources/WINQuickStartGuide.pdf Other KYAE WIN Resources: http://kyae.ky.gov/educators/resources/win.html	
Targeted to ESL students and their teachers (Spanish information https://www.usalearns.org/aprenda-ingles). Based on TABE results (NRS levels), students can be placed into one or more of three English courses. Also has an app.	USA Learns https://www.usalearns.org/ https://www.usalearns.org/apps	Screenshot Tutorial: https://docs.google.com/document/d/1wuby5ndIPOKKmKrwDh0KzHF_2r_XtysM3wCbo_J_K6I/edit?usp=sharing	Instructor tutorial: https://drive.google.com/file/d/186190CaAj3O5jkXOUbJPU9i9sO7ewzGa/view?usp=sharing Student Tutorial: https://youtu.be/vKUW5HwHewQ
A repository for FREE online learning collection of workforce-related Open Educational Resources (OER). Modules can also be found for GED learning and distance learning. Created in partnership by US Dept. of Labor, US Dept. of Education, California State University, and MERLOT (Multimedia Educational Resource for Learning and Online Teaching)	Skills Commons Connect with communities of learning (Workforce-related sources) http://support.skillscommons.org/connect/ Developmental Education Courseware: http://support.skillscommons.org/showcases/open-courseware/	Overview of Skills Commons https://drive.google.com/file/d/1MaKH0v4fFWOvpX2ivDQ2bIDtPr4ITUaF/view?usp=sharing Tutorial on Browsing https://drive.google.com/open?id=1-3RsaRUoKICUN3YV1kzcBOKFmK1QMv28 (pdf) https://docs.google.com/document/d/1kIpzgzzZicOTEhJl5xMPgQSzzFfHvajU-OZx8LYh-GQ/edit?usp=sharing	Searching for materials (Healthcare is used as an example): https://www.youtube.com/watch?time_continue=74&v=diAymUn8EFE
FREE tutorials for many areas, including	GCF Learn Free	https://drive.google.com/file/d/1WAidfiyW4XyUHgcSjeTcTSXIlubBtQNO/view?usp	

<p>technology, Office products, reading, math, and social media, among the various topics. GCF labs offers online games for self study. Materials here are copyright protected, but you can use them in the classroom with proper attribution to the site.</p>	<p>https://www.gcflearnfree.org/</p>	<p>=sharing</p>	
<p>Funded by the Chicago Literary Alliance, CrowdEd Learning is a listing of OER materials geared specifically to adult educators and learners. Explore the Skill Directory (from the pull-down menu) to see OER resources by specific academic, workplace, and 21st-Century competencies.</p>	<p>CrowdEd Learning https://sites.google.com/view/crowdedlearning/home</p>	<p>Screenshot tutorial: https://drive.google.com/file/d/1TXSSPoCwm92b3qIswsYhwk4ZQqY7EFZW/view?usp=sharing</p>	<p>https://drive.google.com/file/d/1NBdsffQxKwj2-HGXLlhMzWXrDbf8CtGV/view?usp=sharing</p>
<p>A digital library of Open Educational Resources; search, browse, remix, collaborate on resources. One featured Group is Adult Education Open Community of Resources; Hubs are customized resources around geographical areas, projects, or organizations.</p>	<p>OER Commons https://www.oercommons.org/</p>	<p>https://drive.google.com/file/d/1TWbtV5uqvY7cfVJGivxJUS6092cb9Mg-/view?usp=sharing</p>	<p>Create a Profile: https://youtu.be/7VuzLuPXMzo</p> <p>How to search OER Commons: https://youtu.be/JXFUOVxv0gY</p>
<p>Provides adaptive grammar instruction for grades 4-12. Examples are built from learner-identified interests. FREE and premium versions available. Estimated time for tasks is available for assignments. Immediate feedback is provided, with wrong answer explanations.</p>	<p>NoRedInk https://www.noredink.com/</p>	<p>https://drive.google.com/file/d/1rF1-8dKcpvmmDr4uw5_kuBt1iWVG9U8E/view?usp=sharing</p>	<p>Intro and overview: https://vimeo.com/232096640</p> <p>Detailed tutorial: https://drive.google.com/file/d/1cdTmTi48B8IAF94DsdI54szlOdZ0mz91/view?usp=sharing</p>
<p>A project out of British Columbia, BCCampus is a repository of open textbooks, “a textbook licensed under an open copyright license, and made available online to be freely used by students, teachers and members of the public. They are available for FREE as online versions, and as low-cost printed versions, should students opt for these” (BCCampus, “What</p>	<p>BCCampus https://open.bccampus.ca/</p>	<p>https://docs.google.com/document/d/1BcWEBtW0AI1agcBzCotzpqCmwP4UwivNE NYepnOdTJg/edit?usp=sharing</p>	<p>https://vimeo.com/79913116</p>

<p>is an open textbook?”). Texts include trade texts and can be downloaded and printed, some even as word docs for instructor customization within a course. Most content is licensed under a Creative Commons Attribution 4.0 license.</p>			
<p>Geared toward ESL students. Combines face-to-face instruction with online, interactive courses.</p>	<p>BurlingtonEnglish https://www.burlingtonenglish.com/ Login</p>	<p>PDF manual</p>	<p>Virtual Training Sessions You must register for the training sessions.</p>
<p>Geared toward ESL students, interactive online activities are available in math and practical literacy.</p>	<p>Multicultural Educational Services http://www.mcedservices.com/online.html</p>		

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Teacher Competency 2.1: Designs learner-centered instruction and classroom environments.

C B F E

Performance Indicator 2.1.2 Establishes a community of practice among learners to encourage peer-to-peer learning and a rapport with other students so that they feel encouraged to voice ideas and opinions without fear of negative consequences.

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
<p>An intuitive, web-based virtual classroom that allows online discussions; often used as an LMS; requires a Google account to use the service, both as an instructor and as a student.</p>	<p>Google Classroom https://classroom.google.com/u/0/h</p>	<p>Create a Google account with another email address: https://docs.google.com/document/d/1-HSB_qHN7hCy9HWeyYe6VMgRKjx_OHURW4i66-eGkoU/edit?usp=sharing</p> <p>August 2018 Google Class Basics</p> <p>Detailed tutorial: http://50thingsbook.com/</p> <p>Other Classroom Tutorials</p>	<p>Detailed tutorial: https://www.youtube.com/watch?v=B02b3_02YW8</p> <p>Fall 2018 Updates Tutorial (to above video (and 2:44 in begins the new Google Classroom))</p> <p>Detailed overview of 2018 Google Classroom</p>
<p>A communication platform capable of video calling, IM (instant messaging), screen sharing, and phoning. You can even RECORD your video calls. It is an intuitive platform for distance learning and asynchronous instruction. It DOES work with Apple and Mac products with the downloaded app, though using it on iOS platforms results in some distortion and choppy video. The IM capability is not affected by cross platforms.</p>	<p>Google Hangouts https://hangouts.google.com/</p> <p>Hangouts is also available from the Google app launcher (the “tic tac toe” box in the top right-hand corner of the Google page when you sign in to a Chrome browser). You can download an extension for the Chrome browser as well.</p> <p>For iOS devices, it is available from the App store.</p>	<p>https://docs.google.com/document/d/1Q8PehWGoV0vhaozT3gP-RhIRQ5fkf1ALy2qhcqTAWsU/edit?usp=sharing</p>	<p>Basic video introduction: https://www.youtube.com/watch?v=D3oMsp4zFnE&feature=youtu.be</p> <p>Detailed video instruction: https://www.youtube.com/watch?v=DPZb3D0500I&t=60s</p>
<p>Used primarily for social media, Facebook and Facebook Live can also engage students by appearing to be low-stakes</p>	<p>Facebook Groups and Facebook Live https://www.facebook.com/</p>	<p>FB Groups screenshot tutorial from Buffer: https://drive.google.com/file/d/1v8FzwlZog3MA4MjrR_ccyrSgJpxaqn3E/view?usp=sharing</p>	<p>1. Intro to Groups: https://drive.google.com/file/d/1DfCJ1hiAgrxiEAzsXtJKoGAs4SjhUfg3/view?usp=sharing</p>

<p>and informal in platform. FB Live could also reach students who may not be able to attend a class in person but who still could virtually attend the meeting. Videos from FB Live are automatically saved for later viewing.</p>		<p>sharing</p> <p>FB Live web tutorial: https://blog.hubspot.com/marketing/facebook-live-guide</p> <p>FB Live Screenshot Tutorial (Hubspot): https://drive.google.com/file/d/1OU_MqDIRTHEYYt_MdTB3bM9EZLUvRMU/view?usp=sharing</p>	<p>2. About tab of FB Groups: https://drive.google.com/file/d/1fnxZYnn3OWtPf1_qmMxZa41bw92Fa501/view?usp=sharing</p> <p>3. Discussion tab in FB Groups: https://drive.google.com/file/d/1QeuZIJMs1p7ddiI4OLHHTwUuw8tZP1_F/view?usp=sharing</p> <p>4. Events tab in FB Groups: https://drive.google.com/file/d/1CXkQWJ7eD328MkfglaK3RUY3wvGuZ6hO/view?usp=sharing</p> <p>5. Members, Files, Manage Groups: https://drive.google.com/file/d/1jf3DTHhnNC-2IEPTMu2a7T-7Rt-ioQIP/view?usp=sharing</p> <p>7. FB Live: https://drive.google.com/file/d/1_2purpWRdr3nyHUVC58rAzB1A9xoPfl/view?usp=sharing</p> <p>8. FB Watch Party https://drive.google.com/file/d/1jp4Z9x1UU2yUIttYal6_J9WNUtLWrUn/view?usp=sharing</p> <p>9. Putting it all together: https://drive.google.com/file/d/14VK-CQ9DGR1h2GO_taltg51I0owaB-FT/view?usp=sharing</p>
<p>Recap is a FREE Twitter-like chat forum also capable of accepting video responses from students. Instructors can also attach supporting resources to chats. The service can be used for exploring topics, checking for understanding, and addressing student questions. Works across a variety of operating systems and LMS platforms.</p>	<p>Recap https://letsrecap.com/</p>	<p>https://drive.google.com/file/d/1tNMeTzhWJ7senyFDBJ6zrPNg-M1FG_s4/view?usp=sharing</p>	<p>Video Tutorials from Recap (Click on Tutorial Videos on the left side of the page): https://support.letsrecap.com/</p>

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AE Teacher Competency Domain 2: Plans and delivers high-quality, evidence-based instruction

Teacher Competency 2.1: Designs learner-centered instruction and classroom environments.

C B F E

Performance Indicator 2.1.3 Encourages learner self-regulation and metacognition through a variety of skill-building activities to improve learning and overcome difficulties.

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
<p>A FREE online reading comprehension program that intuitively adapts to learners' abilities and provides a myriad of activities. While the pre-test displays reading by grade level, the instructor can remove that for student practice later. Instructors can track student progress. Students get immediate feedback for answers and explanations for incorrect answers.</p>	<p>Read Theory https://readtheory.org/</p>	<p>https://drive.google.com/file/d/1ly5TWNnUoEn4Hs6omfN9g8SWm4HiBstm/view?usp=sharing</p>	<p>Part 1 (Registering, creating student accounts, and creating classes): https://drive.google.com/file/d/1WoAhFkrABWuHUEK-MunPwdfiHio0F_jv/view?usp=sharing</p> <p>Part 2 (Managing assignments and viewing reports): https://drive.google.com/file/d/1kpYEeClitzS3oB7PANqdYnFHiePQ-dPj/view?usp=sharing</p> <p>Very quick tutorial: https://www.youtube.com/watch?v=HE9sBmJ3sv4</p>
<p>Offers adaptive learning in math and language arts. Unlimited practice and teacher reports that track learning time come with a price; check the website for details. Without a subscription, students have access to 10 free problems a day. To take advantage of that limited practice, determine what skill needs practicing, then assign that grade level and skill.</p>	<p>IXL https://www.ixl.com/</p>	<p>https://drive.google.com/file/d/1i3E4k9hJb1SGHRCeqPusalzDerh9nxKk/view?usp=sharing</p>	<p>https://www.youtube.com/watch?v=2XpwI0BaM-s</p> <p>IXL Diagnostic Information: https://youtu.be/_ROORaJW_L8</p>
<p>A FREE alternative to IXL above. Though not as "slick," the site still offers immediate feedback, unlimited practice, and review lessons for math concepts</p>	<p>AAAKnow http://www.aaaknow.com/ (previously AAAMath)</p>	<p>https://drive.google.com/file/d/1QSzt5zPs6gTR5OZ1y48ZEpm5tGxdtqxu/view?usp=sharing</p>	<p>https://drive.google.com/file/d/1-1-i4gGZC8NEv_p1mGu8JmU76MX0wv9f/vi-ew?usp=sharing</p>

geared from K-8. AAAknow is mobile-device friendly. Feedback is immediate, though it does not provide explanations for incorrect answers. To remain free, the sites rely on ads.	http://www.aaamath.com/		
Focused primarily on reading comprehension. Originally sponsored by the California Department of Education's Adult Education office, CDLP is no longer an active project; however, the activities are still accessible and of interest to adult learners. Activities are geared toward outside student learning not as instructor lessons.	Adult Learning Activities (California Distance Learning Project) http://www.cdlponline.org/	https://drive.google.com/file/d/11hK41U8Ns3gxz8L82ebpeJrmT5_T_w2s/view?usp=sharing	https://drive.google.com/file/d/1ENwm2awHrkDrXQJPFCs3kYIVdYueiyNE/view?usp=sharing
Web-based readings targeted for 3rd-8th grade reading levels; easy, medium, hard designations). Learners and teachers have been given copyright clearance to access the materials on external websites.	CSAL (Center for the Study of Adult Literacy) http://csal.gsu.edu/content/homepage	Factsheet: http://csal.gsu.edu/sites/csal.gsu.edu/files/CSAL%20Factsheet%202017.pdf Browsing the site: https://drive.google.com/file/d/1om12wjqXZSYgyMuXySSrhugXMe1Ru83p/view?usp=sharing	https://drive.google.com/file/d/1SknLQ-Apk-lKaitpix5wpT-Z3fUb5fAS/view?usp=sharing
The math tutorials are designed to function like a math workbook. Materials here are copyright protected, but you can use them in the classroom with proper attribution to the site.	GCFLearnFree https://www.gcfllearnfree.org/	https://drive.google.com/file/d/1WAidfiyW4XyUHgcSjeTcTSXIlubBtQNO/view?usp=sharing	
Provides adaptive grammar instruction for grades 4-12. Examples are built from learner-identified interests. FREE and premium versions available. Estimated time for tasks is available for assignments. Immediate feedback is provided, with wrong answer explanations.	NoRedInk https://www.noredink.com/	https://drive.google.com/file/d/1rF1-8dKcpvmmDr4uw5_kuBt1iWVG9U8E/view?usp=sharing	Intro and Overview: https://vimeo.com/232096640 Detailed tutorial: https://drive.google.com/file/d/1cdTmTi48B8IAF94DsdI54szlOdZ0mz91/view?usp=sharing
Requires iOS 8.0 or newer. Compatible with iPad; an early version is available for Android on Google Play, but you are warned "This app is in development. It	KET FastForward Skill Check app Available on the App Store for iOS devices and the Google Play store for	https://drive.google.com/file/d/1ckM1OiySc8for2HFhcKNdtLg4_2uGhPd/view?usp=sharing	Promo video from KET https://www.youtube.com/watch?v=cZb_bxd0Z6-k

<p>may be unstable.” Click a subject to practice skills in language arts, social studies, science, or math. This app is a PRACTICE TEST with limited number of questions meant to “test” GED readiness.</p>	<p>Android devices.</p>		
<p>Available as an app for both Android and iOS devices. Offers over 1,000 practice questions; provides explanations for incorrect answers; tracks and monitors progress; default daily reminders to practice.</p>	<p>GED Practice Test 2018 Edition App by CoCo E-Learning Available on Google Play</p>		
<p>While the tutoring service does cost money for students, Varsity Tutors does offer free GED practice tests and diagnostic tests. Mobile apps are also available.</p>	<p>Varsity Tutors https://www.varsitytutors.com/ged-practice-tests</p>		
<p>Rose-Hulman students offer FREE homework help/tutoring for math and science. Students can call, email, or chat online with the tutors.</p>	<p>Ask Rose https://askrose.org/</p>		

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Performance Indicator 2.1.4 Provides multiple means and modalities for presenting and engaging learners with concepts, ideas, and materials.

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
A web-based and mobile app study platform using electronic “flash cards.”	Quizlet https://quizlet.com/	https://drive.google.com/open?id=1Xder y9D8LQhjj48gAZoxErFkE-qgjkBM	Create an account: https://drive.google.com/file/d/1aXNt13l9NKz6x8ezHy6L2Y0TQRfalzjh/view?usp=sharing Create class, set: https://drive.google.com/file/d/1e2UWxDV_lw1vJM3hnlp_HX80-cdzeqmt/view?usp=sharing Introduction and create a set: https://youtu.be/Jo6ITr9yt4Y
Blendspace/TesTeach creates interactive, multi-media lessons from resources already curated within the site and resources from outside. The site promotes itself as helping educators create digital lessons in five minutes. FREE. Also available as an app for iOS devices.	TesTeach with Blendspace https://www.tes.com/lessons/	https://drive.google.com/file/d/1g5engza8GwCmBvHkBJN2Odbcte1bGF8R/view?usp=sharing	Very THOROUGH video tutorial (20 minutes): https://www.youtube.com/watch?v=O-iDA8n_RZM
Interactive lesson presentations; real-time feedback; synchronizes lesson delivery across individual devices. Some features, notably student-paced mode, require a subscription; otherwise, FREE teacher accounts. Downloadable lessons available.	Nearpod https://nearpod.com/ Apps available as well for iOS, Android, PC/Mac, and Windows 8	Screenshot tutorial: https://drive.google.com/file/d/1ydUKNCjDOpOssFXAZYN8UOd_zp9s-3zO/view?usp=sharing Nearpod features: https://drive.google.com/file/d/1ad4z6mOF3dqGAC0IOXAbyXWv2kevgqSII/view?usp=sharing	How to create a lesson: https://youtu.be/M_sfB_vRXuY Nearpod YouTube Channel: https://www.youtube.com/channel/UCvFJLTw-LJWne-fy5XvTn2w

<p>Produces interactive lesson delivery and the potential to allow for student collaboration.</p>	<p>ActivInspire https://support.prometheanworld.com/download/activinspire.html</p>	<p>https://docs.google.com/document/d/1dy8hW_t4s9FJqvs1zACC-WnbrTiDTJNggoa91cMjLmo/edit?usp=sharing</p> <p>ActivInspire User Guide authored by Promethean World https://support.prometheanworld.com/files/public/pdfs/Activinspire-user-guide+v1.pdf</p>	<p>Playlist of video tutorials produced by Promethean World https://www.youtube.com/playlist?list=PLTTWdUcy0p-7vbwq7CWzaTa4NTYrZIfel</p> <p>For dual users at the board: https://www.youtube.com/watch?v=pWEMSjpfNFg&list=PLTTWdUcy0p-7vbwq7CWzaTa4NTYrZIfel&t=0s&index=3</p> <p>Promethean World YouTube Channel: https://www.youtube.com/channel/UCxGtQa1jgL-5FsCP4ylwIVQ</p>
<p>Offering FREE online learning resources, Khan Academy is prominent among online tutoring and individual instruction platforms. Khan offers a wide variety of courses; while they offer instruction in grammar, there isn't a course for reading comprehension per se. Mission math offers adaptive technology for practice.</p>	<p>Khan Academy https://www.khanacademy.org/</p>		
<p>Recap is a FREE Twitter-like chat forum also capable of accepting video responses from students. Instructors can also attach supporting resources to chats. The service can be used for exploring topics, checking for understanding, and addressing student questions. Works across a variety of operating systems and LMS platforms.</p>	<p>Recap https://letsrecap.com/</p>	<p>https://drive.google.com/file/d/1tNMeTzhWJ7senyFDBJ6zrPNg-M1FG_s4/view?usp=sharing</p>	<p>Video Tutorials from Recap (Click on Tutorial Videos on the left side of the page): https://support.letsrecap.com/</p>
<p>Video tutorials for many areas, including work skills, job search, making decisions, technology, Office products, reading/vocabulary, math, and social media, among the various topics. Materials here are copyright protected, but you can use them in the classroom with proper attribution to the site.</p>	<p>GCF Learn Free https://www.gcflearnfree.org/</p> <p>YouTube Channel: https://www.youtube.com/user/gcflearnfree</p>	<p>https://drive.google.com/file/d/1WAidfyW4XyUHgcSjeTcTSXIlubBtQNO/view?usp=sharing</p>	<p>YouTube Channel: https://www.youtube.com/user/gcflearnfree</p>

<p>Sponsored by the non-profit CK-12 Foundation, CK-12 offers online STEM-focused content. It provides not only interactive practice but also FREE, online, customizable textbooks. Lessons are CCSS-aligned for grades K-12.</p>	<p>CK-12 https://www.ck12.org/teacher/</p>	<p>https://drive.google.com/file/d/1m9plnzS7P9bzfpaDHBDOxsSenXL5YeFZ/view?usp=sharing</p>	<p>How to Register: https://youtu.be/-leRd9X9bc4</p> <p>Getting Started with CK-12 (20-minute video): https://youtu.be/8YJzVgm0nnk</p> <p>How to search for content: https://youtu.be/iPGdJGExwfA</p> <p>Organizing and Customizing Content: https://youtu.be/fTSRYfOMpBA</p> <p>CK-12 YouTube channel https://www.youtube.com/user/CK12Foundation/featured</p>
<p>“Veritasium is a YouTube channel of science and engineering videos featuring experiments, expert interviews, cool demos, and discussions with the public about everything science” (Trailer, February 10, 2013).</p>	<p>Veritasium https://www.youtube.com/user/1veritasium/videos</p>		
<p>A library of interactive lessons; provides videos, quizzes, etc. You have access to all the instructional videos in our Math Instructional Videos Collection and ELA Instructional Videos Collections for free. Louisiana Department of Education Language Arts Guidebooks will also be available for free. Guidebooks include daily lessons, assessments, handouts, and texts. CCSS aligned. Math content covers K-8, but English covers up to 12th grade. The intended audience is not adult learners, so some of the videos may be a bit childish for adults.</p>	<p>LearnZillion https://learnzillion.com/p/</p>	<p>https://drive.google.com/file/d/10XCk-C1u8w5NjCINDY7BbMN4XWGH6NDo/view?usp=sharing</p> <p>Assign, Grade, Share: https://help.learnzillion.com/customer/en/portal/articles/2490644-how-do-i-assign-share-and-grade-a-lesson-</p>	<p>https://youtu.be/QKvYpCtJfLg (The tutorial references Close Reading lessons, but those will not be available with free accounts after July 1, 2018.)</p> <p>Free account specific: https://youtu.be/QKvYpCtJfLg?t=6m21s</p>
	<p>YouTube and YouTube Live (Videos created during YouTube Live are saved and accessible at later dates.)</p>		<p>Recording videos from your device</p> <p>Posting video from your device to YouTube</p>

			Recording your desktop Posting video from PC to YouTube Posting links to your videos via other platforms YouTube Live YouTube and the Framework
<p>According to the NROC website, “EdReady is a personalized learning system for students from 7th grade and older who will be tested for their competency in math or English (<i>coming in 2018</i>). A key purpose of EdReady is to help students to detect gaps in their readiness and then give them the resources they need to achieve the competency expectations.” KY Skills U has contracted with EdReady for services, so content is FREE.</p>	<p>EdReady https://kyaedready.org/home</p>	<p>User Guide from EdReady Quickstart Guide for students Getting Started with EdReady</p>	
<p>FREE (and various levels of paid subscription) interactive presentation software; allows for voting, multiple choice questions; creates wordles from one-word responses. With the free version, data is anonymized; educational subscription options provide exportable data</p>	<p>Mentimeter https://www.mentimeter.com/</p>		<p>Comprehensive Listing of Video Tutorials Getting Started Voting Question Types</p>

Kentucky Skills U Instructional Technology Framework

AE Teacher Competency Domain 2: Plans and delivers high-quality, evidence-based instruction

Teacher Competency 2.2. Designs standards-based instructional units and lesson plans.

C B F

Performance Indicator 2.2.1. Focuses teaching and learning on a targeted set of standards that builds on their connections to one another.

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
<p>According to the NROC website, “EdReady is a personalized learning system for students from 7th grade and older who will be tested for their competency in math or English (<i>coming in 2018</i>). A key purpose of EdReady is to help students to detect gaps in their readiness and then give them the resources they need to achieve the competency expectations.” KY Skills U has contracted with EdReady for services, so content is FREE.</p>	<p>EdReady https://kyaedready.org/home</p>	<p>User Guide from EdReady Quickstart Guide for students Getting Started with EdReady</p>	
<p>Another project from NROC, HippoCampus offers free curated curriculum targeting middle school to college. Material is identical to EdReady, but HippoCampus is a FREE option that does NOT track student data. Instructors can create an account to curate content of their own, but students do not need to create accounts or register since their work is not saved or tracked.</p>	<p>HippoCampus https://www.hippocampus.org/</p> <p>Skills U Playlist: https://www.hippocampus.org/HippoCampus/?user=myKYAE</p>	<p>Linking directly to HippoCampus content</p>	<p>Creating a Playlist on HippoCampus HippoCampus Tutorials Using HippoCampus in the classroom (45-minute training video) Making the Most of Hippocampus (20-minute overview)</p>
<p>FastForward (FF) offers online courses in language arts, math, science, and social studies to prepare students for the GED. Material is adapted to student levels. The site also provides a screen reader for its texts. KYAE Skills U will provide limited subscriptions (2500) through September 29, 2018; after that, only 1250 will be</p>	<p>Fast Forward https://ae.ket.org/login/index.php</p>	<p>Fast Forward alignment to GED: https://drive.google.com/file/d/155k69NAyBE3mb4d4B1Ym0Qen9QQR7yBM/view?usp=sharing</p>	<p>Webinar Updates: https://ae.ket.org/local_media/Toolkit/Webinars/04-25-18_FFUpdates.mp4</p> <p>Overview for students: https://www.youtube.com/watch?v=7isMwyoUw28</p> <p>Correlations to TABE:</p>

<p>renewed through June 30, 2019. After June 2019, regions will have to purchase subscriptions on their own.</p>			<p>https://ae.ket.org/pluginfile.php/4850/mod_resource/content/8/FF_CCR_CCSS_T_ABE_alignment.pdf</p>
<p>Offering FREE online learning resources, Khan Academy is prominent among online tutoring and individual instruction platforms. Khan offers a wide variety of courses; while they offer instruction in grammar, there isn't a course for reading comprehension per se. Mission math offers adaptive technology for practice.</p>	<p>Khan Academy https://www.khanacademy.org/</p>		
<p>A library of interactive lessons; provides videos, quizzes, etc. You have access to all the instructional videos in our Math Instructional Videos Collection and ELA Instructional Videos Collections for free. Louisiana Department of Education Language Arts Guidebooks will also be available for free. Guidebooks include daily lessons, assessments, handouts, and texts. CCSS aligned. Math content covers K-8, but English covers up to 12th grade. The intended audience is not adult learners, so some of the videos may be a bit childish for adults.</p>	<p>LearnZillion https://learnzillion.com/p/</p>	<p>https://drive.google.com/file/d/10XCk-C1u8w5NjCINDY7BbMN4XWGH6NDo/view?usp=sharing</p> <p>Assign, Grade, Share: https://help.learnzillion.com/customer/en/portal/articles/2490644-how-do-i-assign-share-and-grade-a-lesson-</p>	<p>https://youtu.be/QKvYpCtJfLg (The tutorial references Close Reading lessons, but those will not be available with free accounts after July 1, 2018.)</p> <p>Free account specific: https://youtu.be/QKvYpCtJfLg?t=6m21s</p>

Kentucky Skills U Instructional Technology Framework

AE Teacher Competency Domain 2: Plans and delivers high-quality, evidence-based instruction

Teacher Competency 2.2. Designs standards-based instructional units and lesson plans.

C B F

Performance Indicator 2.2.4. Selects and uses resources and textbooks to align with the learning goals of the standards as a whole, as well as to individual standards.

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
<p>A project out of British Columbia, BCcampus is a repository of open textbooks, “a textbook licensed under an open copyright license, and made available online to be freely used by students, teachers and members of the public. They are available for FREE as online versions, and as low-cost printed versions, should students opt for these” (BCcampus, “What is an open textbook?”). Books can be downloaded and printed, some even as word docs for instructor customization within a course. Most content is licensed under a Creative Commons Attribution 4.0 license.</p>	<p>BCcampus https://open.bccampus.ca/</p>	<p>https://docs.google.com/document/d/1BcWEBtW0AI1agcBzCotzpqCmwP4UwivNEYepnOdTJg/edit?usp=sharing</p>	<p>https://vimeo.com/79913116</p>
<p>A digital library of Open Educational Resources; search, browse, remix, collaborate on resources. Two featured groups focus on adult education; Hubs are customized resources around geographical areas, projects, or organizations, including Open Textbooks.</p>	<p>OER Commons https://www.oercommons.org/</p>	<p>https://drive.google.com/file/d/1TWbtV5uqvY7cfVJGivxJUS6092cb9Mg-/view?usp=sharing</p>	<p>Create a Profile: https://youtu.be/7VuzLuPXMzo</p> <p>How to search OER Commons: https://youtu.be/JXFUOVxv0gY</p>
<p>A repository for FREE online learning collection of workforce-related Open Educational Resources (OER). Modules can also be found for GED learning and distance learning. Created in partnership by US Dept. of Labor, US Dept. of</p>	<p>Skills Commons</p> <p>Connect with communities of learning (Workforce-related sources) http://support.skillscommons.org/connect/</p>	<p>Overview of Skills Commons https://drive.google.com/file/d/1MaKH0v4fFWOvpX2ivDQ2bldtPr4ITUaF/view?usp=sharing</p> <p>Tutorial on Browsing</p>	<p>Searching for materials (Healthcare is used as an example): https://www.youtube.com/watch?time_continue=74&v=diAymUn8EFE</p>

<p>Education, California State University, and MERLOT (Multimedia Educational Resource for Learning and Online Teaching)</p>	<p>Developmental Education Courseware: http://support.skillscommons.org/showcases/open-courseware/</p>	<p>https://drive.google.com/open?id=1-3RsaRUoKICUN3YV1kzcBOKFmK1QMv28 (pdf)</p> <p>https://docs.google.com/document/d/1kIjzgzZicOTEhJl5xMPgQSzzFfHvajU-OZx8LYh-GQ/edit?usp=sharing (Google doc view only)</p>	
<p>A repository of FREE and OER materials for a broad number of subjects. Operates on mobile devices as well as desktop and tablets.</p>	<p>Curriki https://www.curriki.org/</p>	<p>Screenshot tutorial: https://drive.google.com/file/d/1x3GPjPl3HqU0BrxnzthNOGL76UR3p8nY/view?usp=sharing</p> <p>Curriki Help: https://www.curriki.org/help/</p>	<p>https://drive.google.com/file/d/1i_3oTXLrk5vn8YulrREFjz7tliMqgdMZ/view?usp=sharing</p>
<p>Offering FREE online learning resources, Khan Academy is prominent among online tutoring and individual instruction platforms. Khan offers a wide variety of courses; while they offer instruction in grammar, there isn't a course for reading comprehension per se. Mission math offers adaptive technology for practice.</p>	<p>Khan Academy https://www.khanacademy.org/</p>		
<p>Sponsored by the non-profit CK-12 Foundation, CK-12 offers online STEM-focused content. It provides not only interactive practice but also FREE, online, customizable textbooks. Lessons are CCSS-aligned for grades K-12.</p>	<p>CK-12 https://www.ck12.org/teacher/</p>	<p>https://drive.google.com/file/d/1m9plnzS7P9bzfpaDHBDOxsSenXL5YeFZ/view?usp=sharing</p>	<p>How to Register: https://youtu.be/-leRd9X9bc4</p> <p>Getting Started with CK-12 (20-minute video): https://youtu.be/8YJzVgm0nnk</p> <p>How to search for content: https://youtu.be/iPGdJGExwfA</p> <p>Organizing and Customizing Content: https://youtu.be/fTSRYFOMpBA</p> <p>CK-12 YouTube channel https://www.youtube.com/user/CK12Foundation/featured</p>

<p>According to the NROC website, “EdReady is a personalized learning system for students from 7th grade and older who will be tested for their competency in math or English (<i>coming in 2018</i>). A key purpose of EdReady is to help students to detect gaps in their readiness and then give them the resources they need to achieve the competency expectations.” KY Skills U has contracted with EdReady for services, so content is FREE.</p>	<p>EdReady https://kyaedready.org/home</p>	<p>User Guide from EdReady</p> <p>Quickstart Guide for students</p> <p>Getting Started with EdReady</p>	
<p>FastForward (FF) offers online courses in language arts, math, science, and social studies to prepare students for the GED. Material is adapted to student levels. The site also provides a screen reader for its texts. KYAE Skills U will provide limited subscriptions (2500) through September 29, 2018; after that, only 1250 will be renewed through June 30, 2019. After June 2019, regions will have to purchase subscriptions on their own.</p>	<p>Fast Forward https://ae.ket.org/login/index.php</p>	<p>Fast Forward alignment to GED: https://drive.google.com/file/d/155k69NAyBE3mb4d4B1Ym0Qen9QQR7yBM/view?usp=sharing</p>	<p>Webinar Updates: https://ae.ket.org/local_media/Toolkit/Webinars/04-25-18_FFUpdates.mp4</p> <p>Overview for students: https://www.youtube.com/watch?v=7isMwyoUw28</p> <p>Correlations to TABE: https://ae.ket.org/pluginfile.php/4850/mod_resource/content/8/FF_CCR_CCSS_TABE_alignment.pdf</p>
<p>FREE online calculator and graphing calculator; blind-and-visually-impaired friendly. Curated activities as well as the ability to create one’s own</p>	<p>Desmos https://www.desmos.com/</p>	<p>PDF User Guide from Desmos: http://s3.amazonaws.com/desmos/Desmos_User_Guide.pdf</p> <p>Help Topics from Desmos: https://support.desmos.com/hc/en-us</p>	<p>http://learn.desmos.com/</p> <p>Introduction: https://www.youtube.com/watch?v=QfjoWg0u4HQ</p> <p>Desmos YouTube channel: https://www.youtube.com/channel/UC_IR-dUP9trF4W8LS0_1EnA</p>
<p>A library of interactive lessons; provides videos, quizzes, etc. You have access to all the instructional videos in our Math Instructional Videos Collection and ELA Instructional Videos Collections for free. Louisiana Department of Education Language Arts Guidebooks will also be available for free. Guidebooks include daily</p>	<p>LearnZillion https://learnzillion.com/p/</p>	<p>https://drive.google.com/file/d/10XCk-C1u8w5NjCINDY7BbMN4XWGH6NDo/view?usp=sharing</p> <p>Assign, Grade, Share: https://help.learnzillion.com/customer/en/portal/articles/2490644-how-do-i-assign-share-and-grade-a-lesson-</p>	<p>https://youtu.be/QKvYpCtJfLg (The tutorial references Close Reading lessons, but those will not be available with free accounts after July 1, 2018.)</p> <p>Free account specific: https://youtu.be/QKvYpCtJfLg?t=6m21s</p>

<p>lessons, assessments, handouts, and texts. CCSS aligned. Math content covers K-8, but English covers up to 12th grade. The intended audience is not adult learners, so some of the videos may be a bit childish for adults.</p>			
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Kentucky Skills U Instructional Technology Framework

AE Teacher Competency Domain 2: Plans and delivers high-quality, evidence-based instruction

Teacher Competency 2.2. Designs standards-based instructional units and lesson plans.

C D F

Performance Indicator 2.2.5. Elicits direct, observable evidence of learners' abilities to independently demonstrate the targeted set of standards.

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
<p>A FREE online reading comprehension program that intuitively adapts to learners' abilities and provides a myriad of activities. While the pre-test displays reading by grade level, the instructor can remove that for student practice later. Instructors can track student progress. Students get immediate feedback for answers and explanations for incorrect answers.</p>	<p>Read Theory https://readtheory.org/</p>	<p>https://drive.google.com/file/d/1ly5TWNnUoEn4Hs6omfN9g8SWm4HiBstm/view?usp=sharing</p>	<p>Part 1 (Registering, creating student accounts, and creating classes): https://drive.google.com/file/d/1WoAhFkrABWuHUEK-MunPwdfiHio0F_jv/view?usp=sharing</p> <p>Part 2 (Managing assignments and viewing reports): https://drive.google.com/file/d/1kpYEECl_ytzS3oB7PANqdYnFHiePQ-dPj/view?usp=sharing</p> <p>Very quick tutorial: https://www.youtube.com/watch?v=HE9sBmJ3sv4</p>
<p>Offers adaptive learning in math and language arts. Unlimited practice and teacher reports that track learning time come with a price; check the website for details. Without a subscription, students have access to 10 free problems a day. To take advantage of that limited practice, determine what skill needs practicing, then assign that grade level and skill.</p>	<p>IXL https://www.ixl.com/</p>	<p>https://drive.google.com/file/d/1i3E4k9hJb1SGHRCeqPusalzDerh9nxKk/view?usp=sharing</p>	<p>https://www.youtube.com/watch?v=2Xpwl0BaM-s</p> <p>IXL Diagnostic Information: https://youtu.be/_ROORaJW_L8</p>
<p>A FREE alternative to IXL above. Though not as "slick," the site still offers immediate feedback, unlimited practice, and review lessons for math concepts</p>	<p>AAAKnow http://www.aaaknow.com/ (previously AAAMath) http://www.aaamath.com/</p>	<p>https://drive.google.com/file/d/1QSzt5zPs6gTR50Z1y48ZEpM5tGxdtqxu/view?usp=sharing</p>	<p>https://drive.google.com/file/d/1-1-i4gGZC8NEv_p1mGu8JmU76MX0wv9f/iew?usp=sharing</p>

<p>geared from K-8. AAAknow is mobile-device friendly. Feedback is immediate, though it does not provide explanations for incorrect answers. Students can copy and paste or print reports of their activity on AAAMath. To remain free, the sites rely on ads.</p>			
<p>Allows teachers to quickly assess student learning, provide immediate feedback, and download data--all for FREE.</p>	<p>Socrative https://www.socrative.com/</p>	<p>Start a quiz: https://drive.google.com/file/d/1fcZwoHD3wF_p9SQytVTSo12zDeiRSIdx/view?usp=sharing</p> <p>Create Exit Slips: https://drive.google.com/file/d/1iwRgMd-tTd_uHmeOeiOoiDL8OCuMCDN3/view?usp=sharing</p> <p>Create new Quiz: https://docs.google.com/document/d/1PNKYw-h4GDXv5-VFTsfmwIL41MY2WZccnV6wQK6moTg/edit</p> <p>Import Editing Sharing Quizzes Screenshot Tutorial: https://drive.google.com/file/d/1uWoPS4oIMXAJOGmZqV6qeydP9cV5wEUI/view?usp=sharing</p> <p>Student login: https://drive.google.com/file/d/18SJNKDG1Fbp6ZOHGMiAU7gP9PwMP8Eug/view?usp=sharing</p>	<p>Socrative 2018: https://youtu.be/VyycybD8KNw</p> <p>Socrative 2015: https://youtu.be/Wln1f-Q1JM</p>

Kentucky Skills U Instructional Technology Framework

AE Teacher Competency Domain 2: Plans and delivers high-quality, evidence-based instruction

Teacher Competency 2.3. Uses instructional techniques that are effective with adult learners.

C B F

Performance Indicator 2.3.2. Varies instructional activities and examples to improve conceptual understanding and skill development.

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
<p>This Chrome extension allows instructors to insert instructional content on any web page. Offered with both FREE and paid subscriptions; FREE subscriptions allow for unlimited numbers of students with 5 lessons; paid, unlimited for both. Share lessons directly through Google Classroom and other LMS's.</p>	<p>Insert Learning https://insertlearning.com/</p>	<p>https://drive.google.com/file/d/1i1gopvnaLARuve9eHO8sHEukf5l6dHsg/view?usp=sharing</p>	<p>Your First Lesson: https://youtu.be/7asSOASceaE</p> <p>Using PDFs with InsertLearning: https://youtu.be/51-a8zgCsCc</p> <p>InsertLearning YouTube Channel: https://www.youtube.com/channel/UCq_3rFvR2OR1-A3KfKQKCag/featured</p>
<p>Interactive, video-based web lessons on reading, writing, math, science, and financial literacy; offers some feedback for correct and incorrect answers. Cooking videos used to explain science concepts is just one of the ways that TV411 engages adult learners and provides relevant adult-centered context to learning. Resources are aligned to TABE 7/8.</p>	<p>TV411 http://www.tv411.org/</p>	<p>Tutorial: https://drive.google.com/file/d/1xbP_lrPgm0oeVpceloY96yegL_VDfRBP/view?usp=sharing</p> <p>Teaching with TV411 http://www.tv411.org/teaching-tv411</p>	
<p>A library of interactive lessons; provides videos, quizzes, etc. You have access to all the instructional videos in our Math Instructional Videos Collection and ELA Instructional Videos Collections for free. Louisiana Department of Education Language Arts Guidebooks will also be available for free. Guidebooks include daily lessons, assessments, handouts, and texts. CCSS aligned. Math content covers K-8, but English covers up to 12th grade. The</p>	<p>LearnZillion https://learnzillion.com/p/</p>	<p>https://drive.google.com/file/d/10XCk-C1u8w5NjCINDY7BbMN4XWGH6NDo/view?usp=sharing</p> <p>Assign, Grade, Share: https://help.learnzillion.com/customer/en/portal/articles/2490644-how-do-i-assign-share-and-grade-a-lesson-</p>	<p>https://youtu.be/QKvYpCtJfLg (The tutorial references Close Reading lessons, but those will not be available with free accounts after July 1, 2018.)</p> <p>Free account specific: https://youtu.be/QKvYpCtJfLg?t=6m21s</p>

<p>intended audience is not adult learners, so some of the videos may be a bit childish for adults.</p>			
<p>“Veritasium is a YouTube channel of science and engineering videos featuring experiments, expert interviews, cool demos, and discussions with the public about everything science” (Trailer February 10, 2013).</p>	<p>Veritasium https://www.youtube.com/user/1veritasium/videos</p>		
<p>Co-created by author John Green (<i>The Fault in our Stars</i>), Crash Course offers educational videos for courses from anatomy to world history, from mythology to intellectual property. Videos are available on its YouTube channel or its website.</p>	<p>Crash Course https://www.youtube.com/channel/UCX6b17PVsYBQ0ip5gyeme-Q Also https://thecrashcourse.com/</p>		

Kentucky Skills U Instructional Technology Framework

AE Teacher Competency Domain 2: Plans and delivers high-quality, evidence-based instruction

Teacher Competency 2.3. Uses instructional techniques that are effective with adult learners.

C B F E

Performance Indicator 2.3.3. Addresses diverse learning modalities, abilities, needs, and interests through differentiated instruction.

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
<p>A virtual classroom similar to Google class, Blackboard, and Canvas. It also has the ability to create small groups and differentiate the assignments to those groups.</p>	<p>Edmodo https://www.edmodo.com/</p>	<p>Edmodo-authored screenshots: https://support.edmodo.com/hc/en-us/categories/200328890</p>	<p>Introduction to Edmodo: https://youtu.be/-n7E2iyWRG8</p> <p>Create Classes and Teacher Groups: https://youtu.be/i2wOEF3KNQ</p> <p>Invite Students to Join: https://youtu.be/BOV0dGDH8-o</p> <p>Customizing Classes and Small Groups: https://youtu.be/Rdgm51PmTYc</p> <p>Quizzes and Polls: https://youtu.be/gozTd4AGqTU</p> <p>Edmodo Channel: https://www.youtube.com/channel/UC8Q5gm5zZj2GuhfEXDiRcSg</p> <p>Edmodo Training Videos https://go.edmodo.com/training/</p>
<p>Targeted to ESL students, this is a FREE resource offering immediate feedback for English language. Low NRS levels would also benefit from the Reading Comprehension exercises offered in course 3. Also has an app for students.</p>	<p>USA Learns https://www.usalearns.org/ https://www.usalearns.org/apps</p>	<p>https://drive.google.com/file/d/1LMz1YxwR24Jo9ncmMfzGYBjHkYXEoDaP/view?usp=sharing</p>	<p>Instructor tutorial: https://drive.google.com/file/d/186190CaAj3O5jkXOuBJPU9i9sO7ewzGa/view?usp=sharing</p> <p>Student Tutorial: https://youtu.be/vKUW5HwHewQ</p>
<p>A natural-sounding synthesized voice that</p>	<p>Read&Write</p>	<p>For Windows:</p>	<p>General tutorial:</p>

<p>works across a variety of platforms. Highlights words as it reads; has the ability to adjust the speed of the reading. Offers free and paid versions. 30-day free trial for premium features for students; after 30 days, text-to-speech stays free. Teachers get premium versions for FREE.</p>	<p>(on the Chrome Store, the Windows store, and the App store for Mac) Also found at https://www.texthelp.com/en-us/products/read-write/</p>	<p>https://drive.google.com/file/d/1UjISvgA7I0WETNAQAhiEN8HA-YxlqSa6/view?usp=sharing</p> <p>Mac: https://drive.google.com/file/d/1J6GpHoOGw7xhioup35ZgHi2ztUkfk0W/view?usp=sharing</p> <p>Android: https://drive.google.com/file/d/1DQDNQwntRXkERLg8bwsisQL_m-rsSUsY/view?usp=sharing</p> <p>iPad: https://drive.google.com/file/d/1TlhezKXwPQOTFzWIo0_2SNRXNlZr_n/view?usp=sharing</p> <p>TextHelp Support Training: https://www.texthelp.com/en-us/support/training/</p>	<p>https://youtu.be/jhUXXBrXWoc</p> <p>Chrome playlist: https://www.youtube.com/playlist?list=PLvSZbmGbKpCTkk3S93CXtQWNf50f_Ow3D</p> <p>Windows playlist: https://www.youtube.com/playlist?list=PLvSZbmGbKpCQEI1OB-nu-wA5KexHppO9C</p> <p>For Edge and Word Online playlist: https://www.youtube.com/playlist?list=PLvSZbmGbKpCQTgshxF8eEsdzgAJTsDZAd</p>
<p>ReadWorks is a FREE research-based resource with a library of standards-aligned fiction and nonfiction texts, leveled for differentiation (called StepReads), accompanied with vocabulary, formative assessments, reading comprehension exercises, and training. Audio versions for some texts and question sets are also available. Provides many of the same capabilities of Newsela Pro but for free.</p>	<p>ReadWorks https://www.readworks.org/</p>	<p>Screenshot Tutorial: https://drive.google.com/file/d/1B8_9adhi2NRcfUqLpoy_KRe3Cmi_r9hB/view?usp=sharing</p> <p>StepReads: http://about.readworks.org/stepreads.html</p> <p>Excellent Support Tutorials: https://readworks.desk.com/</p>	<p>Site-created video tutorials available: http://about.readworks.org/how-to-use-the-site.html</p>
<p>Provides a “computer voice” to read the text of the lessons and the ability to change the color of the reading panes.</p>	<p>Fast Forward https://ae.ket.org/login/index.php</p>	<p>Fast Forward alignment to GED: https://drive.google.com/file/d/155k69NAyBE3mb4d4B1Ym0Qen9QQR7yBM/view?usp=sharing</p>	<p>Webinar Updates: https://ae.ket.org/local_media/Toolkit/Webinars/04-25-18_FFUpdates.mp4</p> <p>Overview for students: https://www.youtube.com/watch?v=7isMwyoUw28</p>

			Correlations to TABE: https://ae.ket.org/pluginfile.php/4850/mod_resource/content/8/FF_CCR_CCSS_TABE_alignment.pdf
Focused primarily on reading comprehension. California Distance Learning Project presents texts in a basic and full format, both levels <u>allowing students to listen to the text as it is read.</u> Originally sponsored by the California Department of Education’s Adult Education office, CDLP is no longer an active project; however, the activities are still accessible and of interest to adult learners. Activities are geared toward outside student learning, not as instructor lessons.	Adult Learning Activities (CDLP) http://www.cdponline.org/	https://drive.google.com/file/d/11hK41U8Ns3gxz8L82ebpeJrmT5_T_w2s/view?usp=sharing	https://drive.google.com/file/d/1ENwm2awHrkDrXQJPFCs3kYIVdYueiyNE/view?usp=sharing
Presents English tutorials with instructions in other languages. Materials here are copyright protected, but you can use them in the classroom with proper attribution to the site.	GCFLearnFree https://www.gcflearnfree.org/learnenglish/	https://drive.google.com/file/d/1WAidfyW4XyUHgcSjeTcTSXIlubBtQNO/view?usp=sharing	
Offers differentiated, high-interest texts organized by content area. FREE and paid subscriptions. The PRO (paid) subscription offers data tracking (including time spent on assignments) and the ability to annotate texts with in-text questions.	Newsela https://newsela.com/	Newsela Quickstart Guide for teachers: https://drive.google.com/file/d/16XqinL-Yeg8n_ABARG2AqRxnJDDHcrdK/view?usp=sharing Quickstart Guide for students: https://drive.google.com/file/d/183Og9FL7H4JPPCxFO_jQkY8CG879vPg/view?usp=sharing Help topics, including integration with Canvas, Clever, and Google Class: https://support.newsela.com/hc/en-us/categories/200420005-Teachers	Introduction: https://youtu.be/SiKvLWaQPtQ Newsela created tutorial: https://youtu.be/zGS5h5bd3RA Newsela YouTube Channel: https://www.youtube.com/user/Newsela
Provides adaptive grammar instruction for grades 4-12. Examples are built from	NoRedInk https://www.noredink.com/	https://drive.google.com/file/d/1rF1-8dKcqvmmDr4uw5_kuBt1iWVG9U8E/view	Intro and Overview: https://vimeo.com/232096640

<p>learner-identified interests. FREE and premium versions available. Estimated time for tasks is available for assignments. Immediate feedback is provided, with wrong answer explanations.</p>		<p>w?usp=sharing</p>	<p>Detailed tutorial: https://drive.google.com/file/d/1cdTmTi48B8IAF94DsdI54szlOdZ0mz91/view?usp=sharing</p>
<p>FREE resource for teachers geared toward tweens, but at Lexile levels ranging from 500L to 1600L. Tween Tribune is sponsored by the Smithsonian Institute. Much like Newsela, Tween Tribune offers readings from current headlines. It also offers ready-made lessons every Monday. You must create accounts for your learners because the site assumes that your students are minors, so creating classes will take a bit of time.</p>	<p>Tween Tribune https://www.tweentribune.com/teacher/</p>	<p>https://drive.google.com/file/d/1zmRyVvcYz-dWkwfUr-FVbZaX9D9mp1Y/view?usp=sharing</p>	
<p>Offers adaptive learning in math and language arts. Unlimited practice and teacher reports that track learning time come with a price; check the website for details. Without a subscription, students have access to 10 free problems a day. To take advantage of that limited practice, determine what skill needs practicing, then assign that grade level and skill.</p>	<p>IXL https://www.ixl.com/</p>	<p>https://drive.google.com/file/d/1i3E4k9hJb1SGHRCeqPusalzDerh9nxKk/view?usp=sharing</p>	<p>https://www.youtube.com/watch?v=2XpwI0BaM-s IXL Diagnostic Information: https://youtu.be/_RO0RaJW_L8</p>
<p>A FREE alternative to IXL above. Though not as “slick,” the site still offers immediate feedback, unlimited practice, and review lessons for math concepts geared from K-8. AAANow is mobile-device friendly. Feedback is immediate, though it does not provide explanations for incorrect answers. To remain free, the sites rely on ads.</p>	<p>AAANow http://www.aaanow.com/ (previously AAAMath) http://www.aaamath.com/</p>	<p>https://drive.google.com/file/d/1Q5zt5zPs6gTR50Z1y48ZEpM5tGxdtxu/view?usp=sharing</p>	<p>https://drive.google.com/file/d/1-1-i4gGZC8NEv_p1mGu8JmU76MX0wv9f/view?usp=sharing</p>
<p>FREE screen reader for Chrome operating systems (Chromebooks) and the Chrome browser. The Chrome extension will need to be installed before use. The reader itself is a synthesized-sounding voice.</p>	<p>Chromevox (extension for Chrome; found in the Chrome Store)</p>	<p>Google tutorial: https://support.google.com/chromebook/answer/7031755?hl=en</p>	<p>Add the extension to your Chrome browser: https://youtu.be/ADMHqO06UyI How to use in a Chrome browser:</p>

			https://youtu.be/2zn9heTbwn4 How to use on a Chromebook: https://www.youtube.com/watch?v=NyuuK7tB9fM&index=12&list=PL5agr5w5fRe7QWzXhqxrillVduWEmLHM2
An open-sourced text-to-speech extension that is FREE. Works in the Chrome browser. "Read out loud the current webpage article with one click. Supports 40+ languages. Click a button, jump on your bed, and have the article read aloud to you. You can choose from many available male and female voices. You can also set the pitch of the voice and the reading speed. Supports PDF." (Google Chrome Web Store)	Read Aloud: Chrome Extension Available on the Web store https://chrome.google.com/webstore/category/extensions?hl=en		https://youtu.be/hXkn0DVPEI4
In the Review tab of Word 2016, there is a "Read Aloud" (text to speech) feature.	Microsoft Word 2016		Beginner's Guide: https://youtu.be/S-nHYzK-BVg
Geared toward ESL students, interactive online activities are available in math and practical literacy.	Multicultural Educational Services http://www.mcedservices.com/online.html		

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C B F E

Performance Indicator 2.3.4. Provides various **opportunities for classroom interaction**, where learners are grouped with others with a range of same-to-different needs, interests, and abilities, as well as opportunities for individual work, when appropriate.

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
<p>A collaborative classroom game that randomly assigns students to teams of three or four to review or learn a specific study set. Instructors must have a Quizlet account (FREE!) to organize play.</p>	<p>Quizlet.live https://quizlet.com/</p>	<p>https://drive.google.com/file/d/1Xdery9D8LQhji48gAZoxErFkE-qgjkBM/view?usp=sharing</p>	<p>Create an account: https://drive.google.com/file/d/1aXNt13l9NKz6x8ezHy6L2Y0TQRfalzjh/view?usp=sharing</p> <p>Create a class and set: https://drive.google.com/file/d/1e2UWxDVlw1vJM3hnlpHX8O-cdzeqmt/view?usp=sharing</p> <p>Introduction and create a set: https://youtu.be/Jo6ITr9yt4Y</p> <p>Quizlet-produced explanation of Live: https://vimeo.com/161809345</p> <p>Outside-produced instructor tutorial for Live: https://www.youtube.com/watch?v=9qDYlnrEeRY</p> <p>Student view: https://youtu.be/HMk9zLIAJqQ</p>
<p>Produces interactive lesson delivery and the potential to allow for student collaboration.</p>	<p>ActivInspire https://support.prometheanworld.com/download/activinspire.html</p>	<p>https://docs.google.com/document/d/1dy8hWt4s9FJqvs1zACC-WnbrTiDTJNggoa91cMjLmo/edit?usp=sharing</p> <p>ActivInspire User Guide authored by</p>	<p>Playlist of video tutorials produced by Promethean World https://www.youtube.com/playlist?list=PLTTWdUcy0p-7vbwq7CWzaTa4NTYrZlfeI</p> <p>For dual users at the board:</p>

		<p>Promethean World https://support.prometheanworld.com/files/public/pdfs/Activinspire-user-guide+v1.pdf</p>	<p>https://www.youtube.com/watch?v=pWEMSjpfNFg&list=PLTTWdUcy0p-7vbwq7CWzaTa4NTYrZIfel&t=0s&index=3 Promethean World YouTube Channel: https://www.youtube.com/channel/UCxGtQa1jgL-5FsCP4ylwIVQ</p>
	<p>YouTube and YouTube Live (Videos created during YouTube Live are saved and accessible at later dates.)</p>		<p>Recording videos from your device: https://drive.google.com/file/d/10S1dxgby9u5bVildsaFNdKolCV3zlrDM/view?usp=sharing Posting video from your device to YouTube: https://drive.google.com/file/d/1PGCNGnKdfp3pbfTg1FRtBH-Z2dAAzwl6/view?usp=sharing</p> <p>Recording your desktop: https://drive.google.com/file/d/15TbwxsFkz9J4oKg-RjwqwpSebBRGWxjk/view?usp=sharing Posting video from PC to YouTube: https://drive.google.com/file/d/1UxAQq09WQJfQXe2Szf0oj-sBhADpMoyK/view?usp=sharing</p> <p>Posting links to your videos via other platforms: https://drive.google.com/file/d/1OiqSMeaEXMYcZB6cF6J53ZvM_QWyW4CO/view?usp=sharing</p> <p>YouTube Live: https://drive.google.com/file/d/1Bug8DjRnodt8ihK0thTcgs6NO4xFETII/view?usp=sharing</p> <p>YouTube and the Framework: https://drive.google.com/file/d/1u3vAROHwsbn7DBJXpH-W-JNge3_FfKE7/view?usp=sharing</p>

Kentucky Skills U Instructional Technology Framework

AE Teacher Competency Domain 2: Plans and delivers high-quality, evidence-based instruction

Teacher Competency 2.3. Uses instructional techniques that are effective with adult learners.

C B F D

Performance Indicator 2.3.5. Uses explicit instruction in instructional design to set a purpose for learning that is clear to the learner, breaks down content into smaller parts that follow a logical sequence, includes modeling, and **provides immediate feedback** to learners.

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
Offers adaptive learning in math and language arts. Unlimited practice and teacher reports that track learning time come with a price; check the website for details. Without a subscription, students have access to 10 free problems a day. To take advantage of that limited practice, determine what skill needs practicing, then assign that grade level and skill.	IXL https://www.ixl.com/	https://drive.google.com/file/d/1i3E4k9hJb1SGHRCeqPusalzDerh9nxKk/view?usp=sharing	https://www.youtube.com/watch?v=2XpwI0BaM-s IXL Diagnostic Information: https://youtu.be/ROORaJW_L8
A free alternative to IXL above. Though not as “slick,” the site still offers immediate feedback, unlimited practice, and review lessons for math concepts geared from K-8. AAAknow is mobile-device friendly. Feedback is immediate, though it does not provide explanations for incorrect answers. To remain free, the sites rely on ads.	AAAKnow http://www.aaaknow.com/ (previously AAAMath) http://www.aaamath.com/	https://drive.google.com/file/d/1QSzt5ZPs6gTR50Z1y48ZEpM5tGxdtxu/view?usp=sharing	https://drive.google.com/file/d/1-1-i4gGZC8NEv_p1mGu8JmU76MX0wv9f/view?usp=sharing
Provides adaptive grammar instruction for grades 4-12. Examples are built from learner-identified interests. FREE and premium versions available. Estimated time for tasks is available for assignments. Immediate feedback is provided, with wrong answer explanations.	NoRedInk https://www.noredink.com/	https://drive.google.com/file/d/1rF1-8dKcpvmmDr4uw5_kuBt1iWVG9U8E/view?usp=sharing	Intro and Overview: https://vimeo.com/232096640 Detailed tutorial: https://drive.google.com/file/d/1cdTmTi48B8IAF94DsdI54szlOdZ0mz91/view?usp=sharing

<p>Requires iOS 8.0 or newer. Compatible with iPad; an early version is available on Google Play, but you are warned “This app is in development. It may be unstable.” Click a subject to practice skills in language arts, social studies, science, or math.</p>	<p>KET FastForward Skill Check app Available on the App Store for iOS devices and the Google Play store for Android devices.</p>		<p>Promo video from KET https://www.youtube.com/watch?v=cZb_bxd0Z6-k</p>
<p>Available as an app for iOS and Android, Kahoot is a game-based classroom response platform capable of administering quizzes, surveys, discussions, or simple review. Players (learners) do NOT need an account to play. FREE for classroom/educational use.</p>	<p>Kahoot https://kahoot.com/ also: https://create.kahoot.it/login</p>	<p>https://drive.google.com/file/d/1t8DicMaPNkZu_OjUJoZA-PRp5bgBCuAc/view?usp=sharing</p>	<p>(The “waiting” music can be annoying, so you might want to turn down/off your volume)</p> <p>Create a Kahoot: https://youtu.be/ArQ-pju2UMc</p> <p>Host Kahoots step-by-step: https://youtu.be/ekmKn-Ln5Hc</p> <p>How to play Kahoot tutorial: https://youtu.be/6QsjJPENK78</p> <p>Assign Kahoot outside the classroom: https://youtu.be/R3QaK39TYr8</p>
<p>Google docs can be shared with an entire class, allowing an instructor to see in real time what students think; feedback involving positive reinforcement or corrections for incorrect answers can be done immediately.</p>	<p>Google Docs</p>		<p>https://youtu.be/OBITNezSmLY</p>
<p>Google Forms can be used for surveys and quizzes, allowing for a variety of question types. Once students complete a Google form, they receive immediate feedback for their answers, either through the Form options/settings or from an add-on such as Flubaroo.</p>	<p>Google Forms</p> <p>Flubaroo is an add-on that can automatically grade quizzes created on Forms.</p>	<p>Google Forms tutorial: https://support.google.com/docs/answer/6281888?co=GENIE.Platform%3DDesktop&hl=en</p> <p>Flubaroo tutorial: http://www.flubaroo.com/flubaroo-user-guide#step1</p>	<p>Google Forms video tutorial: https://youtu.be/5US1Wf0YwCY</p> <p>Self-grade in Google Forms: https://youtu.be/QKIU5zCW54A</p>

Kentucky Skills U Instructional Technology Framework

AE Teacher Competency Domain 2: Plans and delivers high-quality, evidence-based instruction

Teacher Competency 2.4. Designs instruction to build learners' technology and digital media literacy skills.

C F E

Performance Indicator 2.4.1. Demonstrates the value of technology to stimulate learning, pique interest, and provide opportunities to apply ideas and concepts to learners' daily lives.

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
<p>"Veritasium is a YouTube channel of science and engineering videos featuring experiments, expert interviews, cool demos, and discussions with the public about everything science" (Trailer February 10, 2013).</p>	<p>Veritasium https://www.youtube.com/user/1veritasium/videos</p>		
<p>Materials here are copyright protected, but you can use them in the classroom with proper attribution to the site. The site includes teacher resources and guides for how to use the technology tutorials in class.</p>	<p>GCFLearnFree https://www.gcflearnfree.org/</p>	<p>https://drive.google.com/file/d/1WAidfyW4XyUHgcSjeTcTSXllubBtQNO/view?usp=sharing</p>	
<p>A WebQuest that explains WebQuest for English: http://webquest.org/sdsu/webquestwebquest-hs-eng.html A WebQuest that explains WebQuest for math and science: http://webquest.org/sdsu/webquestwebquest-hs-mathsci.html Differentiates lessons by levels (elementary, middle, high)</p>	<p>WebQuest http://webquest.org/index.php Search ready-made, shareable WebQuests http://questgarden.com/search/ Also Zunal http://zunal.com/</p>	<p>http://webquest.org/sdsu/designsteps/index.html Adapting/Enhancing Existing WebQuests: http://webquest.org/sdsu/adapting/index.html</p>	<p>Zunal Tutorials: https://youtu.be/PxoeuAZXoFY https://youtu.be/f8CaPbCE5MI</p>
<p>This is not your boring old Google Earth! Voyager allows learners to experience interactive stories from around the world. Available as apps for iOS and Android.</p>	<p>Google Earth https://www.google.com/earth/</p>		<p>https://youtu.be/kIk27l3unng</p>

Kentucky Skills U Instructional Technology Framework

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Teacher Competency 2.4. Designs instruction to build learners' technology and digital media literacy skills.

B **C** **F** **E**

Performance Indicator 2.4.2. Provides appropriate hands-on opportunities for learners to interact with computers, the Internet, and other digital media on a regular basis, from basic operations to more sophisticated ones in order to build technology literacy skills.

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
<p>This Chrome extension allows instructors to insert instructional content on any web page. Offered with both FREE and paid subscriptions; FREE subscriptions allow for unlimited numbers of students with 5 lessons; paid, unlimited for both. Share lessons directly through Google Classroom and other LMS's.</p>	<p>Insert Learning https://insertlearning.com/</p>	<p>https://drive.google.com/file/d/1i1gopvnaLARuve9eHO8sHEukf5l6dHsg/view?usp=sharing</p>	<p>Your First Lesson: https://youtu.be/7asSOASceaE</p> <p>Using PDFs with InsertLearning: https://youtu.be/51-a8zgCsCc</p> <p>InsertLearning YouTube Channel: https://www.youtube.com/channel/UCq_3rFvR2OR1-A3KfKQKCag/featured</p>
<p>A FREE web-based screen recorder capable of saving in a variety of video formats (MP4, WMV, AVI, FLV, MPEG, VOB, ASF and GIF). Does not install watermarks on the recording. Allows editing and recording via webcam.</p>	<p>Apowersoft https://www.apowersoft.com/free-online-screen-recorder</p>		<p>https://youtu.be/KzD8YKJDAs0</p>
<p>A WebQuest that explains WebQuest for English: http://webquest.org/sdsu/webquestwebquest-hs-eng.html A WebQuest that explains WebQuest for math and science: http://webquest.org/sdsu/webquestwebquest-hs-mathsci.html Differentiates lessons by levels (elementary, middle, high)</p>	<p>WebQuest http://webquest.org/index.php</p> <p>Search ready-made, shareable WebQuests http://questgarden.com/search/</p> <p>Also Zunal: http://zunal.com/</p>	<p>http://webquest.org/sdsu/designsteps/index.html</p> <p>Adapting/Enhancing Existing WebQuests: http://webquest.org/sdsu/adapting/index.html</p>	<p>Zunal Tutorials: https://youtu.be/PxoeuAZXoFY https://youtu.be/f8CaPbCE5MI</p>
<p>A suite of productivity applications for word processing, slide presentations, etc. Requires a subscription. Office 365 is the</p>	<p>Microsoft Office/Office 365</p>	<p>GCFLearnFree offers many tutorials on Office 2016 products https://www.gcflearnfree.org/topics/offi</p>	<p>Playlist: https://www.youtube.com/playlist?list=PLiwD7O7FG7hkjRTLdHNGXtSkHseyPww</p>

cloud-based subscription to Office.		ce2016/ Other tutorials for previous versions of Office can be found by scrolling down to Office Products at GCFLearnFree: https://www.gcflearnfree.org/topics/	Y
Offers cloud storage through Microsoft's Office 365 program and comes pre-installed on Windows 10. Free storage (5GB) with personal accounts.	OneDrive	https://docs.google.com/document/d/1VUhn2NI8hWd4613GrGv1YongOJ_vKy9LBGkzBiYOrdo/edit?usp=sharing	
A free computer literacy course designed to prepare learners for a growing number of jobs that require basic digital skills; uses project-based approach for learning digital skills. FREE curriculum resulting from a collaboration of ISTE (International Society for Technology in Education), Google, and the NCFL (National Center for Families Learning).	Applied Digital Skills https://applieddigitalskills.withgoogle.com/en/apps		
A suite of productivity applications for word processing, slide presentations, etc. Tools are free with a Google account.	Google Drive and Suite of Productivity Tools		Playlist of Tools: https://www.youtube.com/playlist?list=PL_iwD7O7FG7g0-c62hSxKOeG60LX2Nse
	Recording video on your phone		https://drive.google.com/file/d/10S1dxgby9u5bVildsaFNdKolCV3zIrdM/view?usp=sharing Uploading video from a device to YouTube: https://drive.google.com/file/d/1PGCNGnKdfp3pbfTg1FRtBH-Z2dAAzwI6/view?usp=sharing
	Recording your screen with OBS (Open Broadcaster Software)		https://drive.google.com/file/d/15TbwxsFkz9J4oKg-RjwqwpSebBRGWxjk/view?usp=sharing Uploading video to YouTube: https://drive.google.com/file/d/1UxAQq09WQJfQXe2Szf0oj-sBhADpMoyK/view?usp=sharing

Kentucky Skills U Instructional Technology Framework

AE Teacher Competency Domain 2: Plans and delivers high-quality, evidence-based instruction

Teacher Competency 2.4. Designs instruction to build learners' technology and digital media literacy skills.

B C F E

Performance Indicator 2.4.3. Provides tasks and projects within the course content that require technology for research, presentation, data management, and other skills.

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
<p>A WebQuest that explains WebQuest for English: http://webquest.org/sdsu/webquestwebquest-hs-eng.html</p> <p>A WebQuest that explains WebQuest for math and science: http://webquest.org/sdsu/webquestwebquest-hs-mathsci.html</p> <p>Differentiates lessons by levels (elementary, middle, high)</p>	<p>WebQuest http://webquest.org/index.php</p> <p>Search ready-made, shareable WebQuests http://questgarden.com/search/</p> <p>Also Zunal Webquests: http://zunal.com/</p>	<p>http://webquest.org/sdsu/designsteps/index.html</p> <p>Adapting/Enhancing Existing WebQuests: http://webquest.org/sdsu/adapting/index.html</p>	<p>Zunal Tutorials: https://youtu.be/PxoeuAZXoFY https://youtu.be/f8CaPbCE5MI</p>
<p>A FREE web-based screen recorder capable of saving in a variety of video formats (MP4, WMV, AVI, FLV, MPEG, VOB, ASF and GIF). Does not install watermarks on the recording. Allows editing and recording via webcam.</p>	<p>Apowersoft https://www.apowersoft.com/free-online-screen-recorder</p>		<p>https://youtu.be/KzD8YKJDAs0</p>
<p>Express is a FREE, basic screen recorder that does not install watermarks on the recording. The Pro version offers other options for editing and visual effects.</p>	<p>FlashBack Express https://www.flashbackrecorder.com/flashback-express/</p>		
<p>Prezi offers presentation software that uses motion, zoom, and other tools that engage audiences. Educators and students qualify for FREE basic subscriptions that grant unlimited presentations, privacy control, and revocable links for presentations. This option does require an email issued by an educational institution.</p>	<p>Prezi https://prezi.com/</p> <p>For free educator and student accounts: https://prezi.com/signup/edu/standard/</p>	<p>GCFLearnFree has several tutorials for Prezi: https://www.gcflearnfree.org/prezi/</p>	<p>Prezi Next video tutorial: https://youtu.be/mEqbJ1sulWA</p> <p>Prezi Playlist: https://www.youtube.com/playlist?list=PL_iwD7O7FG7i1jyJW553LVj6OIGoc7ysE</p>

<p>A free computer literacy course designed to prepare learners for a growing number of jobs that require basic digital skills; uses project-based approach for learning digital skills. FREE curriculum resulting from a collaboration of ISTE (International Society for Technology in Education), Google, and the NCFL (National Center for Families Learning).</p>	<p>Applied Digital Skills https://applieddigitalskills.withgoogle.com/en/apps</p>		
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Kentucky Skills U Instructional Technology Framework

AE Teacher Competency Domain 2: Plans and delivers high-quality, evidence-based instruction

Teacher Competency 2.4. Designs instruction to build learners' technology and digital media literacy skills.

B C F E

Performance Indicator 2.4.4. Teaches critical analysis and evaluation strategies of Web-based information and digital media, including an understanding of authenticity, agenda, purpose, and point of view.

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
The free version allows users to watch and share unlimited SafeViews and adjust the range of video play-- all without ads.	SafeShare.tv https://safeshare.tv/	https://drive.google.com/file/d/15Pwb94uni8ili6rO8xck03hWtRpXPYU0/view?usp=sharing	
Storehouse of content for a myriad of subjects. Of five prominent Featured Groups, two specifically pertain to Adult Education and one to Media Literacy.	OER Commons https://www.oercommons.org/	https://drive.google.com/file/d/1TWbtV5uqvY7cfVJGivxJUS6092cb9Mg-/view?usp=sharing	Create a Profile: https://youtu.be/7VuzLuPXMzo How to search OER Commons: https://youtu.be/JXFUOVxv0gY
A number of the curated sites have lessons on critical analysis and evaluation of web-based and digital media	TesTeach https://www.tes.com/lessons/ Curriki https://www.curriki.org/		

Kentucky Skills U Instructional Technology Framework

AE Teacher Competency Domain 2: Plans and delivers high-quality, evidence-based instruction

Teacher Competency 2.5. Designs instruction to build learners' higher-order thinking, communication, and problem-solving skills.

C B F E

Performance Indicator 2.5.3. Provides learners opportunities to apply their knowledge, skills, and new learning to identify obstacles and solutions to real-life and classroom projects through independent and collaborative problem-solving activities.

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
Presentation tool for research or other projects; also allows “real time” collaboration among students.	Google Slides https://docs.google.com/presentation/u/0/		https://www.youtube.com/watch?v=kYA6GLAzz9A https://youtu.be/oPyCrrEc8SA
Available in Microsoft Office and Windows 10, also as a stand-alone app for various platforms (including Mac and iOS), web-based version available through OneDrive or Office Online. Allows student collaboration in “real time.” Used as Virtual Notebook or presentation platform.	OneNote https://www.onenote.com/?public=1&wdorigin=ondcauth2&wdorigin=ondc	https://docs.google.com/document/d/1KxmeTAugqdRYRoA0NGVsxs2sJDwS3N67y-l-Z5qnipE/edit?usp=sharing	OneNote Online: https://youtu.be/qN15XnU96vQ
Run by a team of former educators, Cult of Pedagogy offers blogs on teaching, podcasts, and videos on technology. The included link connects you to their pages on tech; several articles give great ideas for tech projects students can do collaboratively or individually.	Cult of Pedagogy https://www.cultofpedagogy.com/category/technology/		
A FREE computer literacy course to prepare learners for a growing number of jobs that require basic digital skills; uses project-based approach for learning digital skills. Curriculum is a result of collaboration of ISTE (International Society for Technology in Education), Google, and the NCFL (National Center for Families Learning).	Applied Digital Skills https://applieddigitalskills.withgoogle.com/en/apps		

Kentucky Skills U Instructional Technology Framework

AE Teacher Competency Domain 3: Effectively communicates to motivate and engage learners

Teacher Competency 3.2. Communicates in a clear and understandable way.

D
C
B
F
E

Performance Indicator 3.2.3. Selects level-appropriate materials and **presents them in an understandable and organized format to support the goals of the lesson.**

Description	Technology Resource and Site Link	Screenshot Tutorials	Video Tutorials
Interactive lesson presentations; real-time feedback; synchronizes lesson delivery across individual devices. Some features, notably student-paced mode, require a subscription; otherwise, FREE teacher accounts. Downloadable lessons available.	<p>Nearpod https://nearpod.com/</p> <p>Apps available as well for iOS, Android, PC/Mac, and Windows 8 and above.</p>	<p>Screenshot tutorial: https://drive.google.com/file/d/1ydUKNCjD0pOssFXAzYN8UOd_zp9s-3z0/view?usp=sharing</p> <p>Nearpod features: https://drive.google.com/file/d/1ad4z6mOF3dqGAC0IOXAbyXWv2kevgSII/view?usp=sharing</p>	<p>How to create a lesson: https://youtu.be/M_sfB_vRXuY</p> <p>Nearpod YouTube Channel: https://www.youtube.com/channel/UCvFJLTw-LJWne-fy5XvTn2w</p>
Blendspace/TesTeach creates interactive, multi-media lessons from resources already curated within the site and resources from outside. The site promotes itself as helping educators create digital lessons in five minutes. FREE. Also available as an app for iOS devices.	<p>TesTeach with Blendspace https://www.tes.com/lessons/</p>	<p>https://drive.google.com/file/d/1mDpUlfLkrmiVlxUIXFrEMa1pzaYWqK5G/view?usp=sharing</p>	<p>Very THOROUGH video tutorial (20 minutes): https://www.youtube.com/watch?v=O-iDA8n_RZM</p>
Adds equations, diagrams, formulas, etc., to Google and Office documents. Integrates across multiple platforms and operating systems. FREE for teachers.	<p>Equatio https://www.texthelp.com/en-us/products/equatio/</p>	<p>https://www.texthelp.com/en-us/support/training/</p>	<p>Tutorial Playlist (includes Google, Windows, Mac, Canvas): https://www.youtube.com/playlist?list=PLvSZbmGbKpCRz3o-FmU9AkEpURs9-Z0nH</p>
Formerly Remind101, Remind is a communication tool allowing teachers anonymity in texting students with announcements, assignments, etc.	<p>Remind https://www.remind.com/</p>	<p>https://docs.google.com/document/d/1OhYLyR0AINTX9dWrhCJ4InLOJNyTjr0YsxN3ABm4kM/edit?usp=sharing</p>	<p>https://youtu.be/vRMrNE4eDCw</p>
An intuitive, web-based virtual classroom that allows online discussions; often used	<p>Google Classroom https://classroom.google.com</p>	<p>August 2018 Google Classroom Basics</p>	<p>Detailed tutorial: https://www.youtube.com/watch?v=B02</p>

<p>as an LMS; requires a Google account to use the service, both as an instructor and as a student.</p>		<p>Other Classroom Tutorials</p>	<p>b3_02YW8</p> <p>Fall 2018 Updates Tutorial (to above video (and 2:44 in begins the new Google Classroom)</p> <p>Detailed overview of 2018 Google Classroom</p>
<p>A learning management system (LMS) that allows instructors to organize modules of learning, collect online assignments, provide online quizzes and surveys, and manage grades. For the part-time AE instructor, the LMS can seem overwhelming to learn and may have more features than needed, particularly the gradebook feature.</p>	<p>Canvas https://community.canvaslms.com/welcome</p>	<p>Signing Up as an Instructor: https://docs.google.com/document/d/1gWtUC5nCjQnA8ewMdeJpw3GY2rChO07wiaW2YQG54U/edit?usp=sharing</p> <p>Adding students to Canvas https://docs.google.com/document/d/1yplJ9qtTNTQuZU94RNn9B2vJZPyfSA1TAPvGNggKK0/edit?usp=sharing</p> <p>Loads of online screenshot tutorials: https://community.canvaslms.com/community/answers/guides/canvas-guide</p> <p>https://training.instructure.com/courses/179444</p>	<p>Complete list of video tutorials: https://community.canvaslms.com/community/answers/guides/video-guide</p> <p>Video tutorials for instructors: https://community.canvaslms.com/community/answers/guides/video-guide#jive-content-id-Instructors</p>
<p>Provides adaptive grammar instruction for grades 4-12. Examples are built from learner-identified interests. FREE and premium versions available. Estimated time for tasks is available for assignments. Immediate feedback is provided, with wrong answer explanations.</p>	<p>NoRedInk https://www.noredink.com/</p>	<p>https://drive.google.com/file/d/1rF1-8dKcpvmmDr4uw5_kuBt1iWVG9U8E/view?usp=sharing</p>	<p>Intro and Overview: https://vimeo.com/232096640</p> <p>Detailed tutorial: https://drive.google.com/file/d/1cdTmTi48B8IAF94DsdI5szlOdZ0mz91/view?usp=sharing</p>
<p>Blackboard is an LMS used by many institutions of higher learning. Now offers an Instructor App.</p>	<p>Blackboard</p>	<p>https://trainingcenter.blackboard.com/Public/Course/Browse</p>	<p>Instructor App: https://youtu.be/BHVv2KyXclY</p> <p>YouTube Channel: https://www.youtube.com/user/BlackboardTV</p> <p>Blackboard Instructors How-To Playlist: https://www.youtube.com/user/BlackboardTV/playlists?sort=dd&shelf_id=2&view</p>

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Using PowerPoint and Google Slides is an easy way to organize your lesson, present them to your class, and efficiently keep lessons on file for students when they are absent. Google Slides even has a presentation mode that allows for questions from the audience/viewers.	Office 365: PowerPoint	GCFLearnFree has tutorials for many versions of PowerPoint. https://www.gcflearnfree.org/topics/	Beginner's Guide: https://youtu.be/XF34-Wu6gWU
	G Suite: Google Slides	Envatotuts+ tutorial: https://business.tutsplus.com/tutorials/google-slides-presentation-tools--cms-29607 Accept and Present Audience Questions: https://support.google.com/docs/answer/6386827?co=GENIE.Platform%3DDesktop&hl=en https://www.gcflearnfree.org/googleslides/	https://www.youtube.com/watch?v=kYA6GLAzz9A Beginner's Guide: https://youtu.be/oPyCrrEc8SA