Digital Literacy and Technology Integration: An Engaging Face-to-face and Virtual Learning Experience

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Jamboard participation:

https://jamboard.google.com/d/170T_o3MTnwX77IRiiz9XBmw5ug-WczZgPZOX-iPu5Lw/edit?usp=sharing

Presentation:
https://bit.ly/33D2ATJ

Resource Website:
https://bit.ly/IDLLresources
Agenda

• Digital Literacy
• Digital Literacy Standards
• Integrating Technology in WIOA
• Digital Literacy + Technology Learning Community
• Student Communication
• Digital Citizenship
• Navigating Online Resources
• Online Application Practice and More Websites
• Digital Literacy Websites
• More Digital Literacy Websites
• Mobile-Technology Integration Apps and Websites
• GameShow Apps and Websites
• Subject Websites
• Professional Development Websites
Digital Literacy

Technology integration is about communicating ideas efficiently, sharing knowledge and information, making learning more engaging, building learning communities and creating a culture of empowerment. Teachers continue to remain the most important tool because they are the motivators.
Is Digital Literacy Important for our adult learners?

Yes or No
An estimated 2.2 million Illinois adults or 18% of our population have limited skills in reading, writing, math or English proficiency.

Digital tools offer the promise to improve the effectiveness and reach of adult education.

For many, adult education is the most accessible, affordable avenue for mobility.

In today’s economy, continual learning and critical thinking skills are crucial for success.
Digitally Literate?

More Than 32 Million U.S. Adults Are Not Digitally Literate

16% U.S. adults who do not have sufficient comfort or competence with a computer to find a recipe, make a retail purchase, or file taxes online.
Why Teach Adult Learners Basic Tech Skills (or Digital Literacy)?

Technology pervades the workplace, postsecondary institutions, and all aspects of daily life.

- To be literate in this changing world requires digital literacy skills.

- We need to prioritize enhancing, expanding, and increasing digital literacy in response to changing needs.
Knowing how to use computers and mobile devices are important in everyday life.

- Applying for Jobs Online
- Reading the News
- Online Banking and Paying Bills
- Searching for Information
- Communicating With Others

Digital literacy is increasingly part of basic literacy
Definition of literacy includes digital literacy banking, paying bills, communicating with schools and friends, social networking, etc.
Adult Basic Education: In Transition

As the economy and society changes, adult basic education evolves with one common theme: digital literacy.

• Emphasis on preparing for transition to employment or higher education
• Collaboration with an array of institutions and organizations
  ■ health
  ■ benefits
  ■ voting
  ■ and more….
• Involvement with public policy
Technology Related to Employment Readiness & in the Workforce

• Job search is done online: 70% of all jobs only posted online
• Job applications are online
• Workforce centers, libraries, and other community-based organizations report high demand for assistance with resume writing, online job search database tools, and career development
• New technology demands in the workplace are everywhere
Where Do We Need To Be?

New model - Technology Integrating Technology!
From supported use to independent use

• Get adults beyond basic skills threshold so they can use technology to learn and to get jobs

• Learners need to independently use computers for learning to prepare for postsecondary coursework

• Workers need to have mastered basic skills threshold for most jobs:
  ➢ 61% of jobs today require at least basic-intermediate computing skills
“Technology should always be used with a clear purpose in mind, even if a game is played just to break up a long lesson or bring attention to a new topic. Remember technology is one tool in your toolkit and sometimes pen and paper might be best!”

Steve Quann
Do you refer to and include digital literacy standards when putting together your curriculum?

Yes or No
Basic Computer Digital Literacy Standards

Basic computer digital literacy standards are guides to developing interactive subject-based learning through technology and building student learning independence (Jenkins, R., 2015).

What technology (digital literacy) standards are you familiar with?
Basic Computer Digital Literacy Standards

Develop a commonly accepted set of digital literacy standards that will facilitate empowerment of adults needing technology skills for:

• Life Skills
• Employment preparation
• Transition to higher education
• and more....
SKILLS AND STANDARDS RESOURCES

- Northstar Digital Literacy Assessment Standards

- ISTE Standards for Teachers and Students
  https://www.iste.org/standards/iste-standards-for-teachers
  https://www.iste.org/standards/iste-standards-for-students

- Reimagining the Role of Technology in Education: 2017 National Education Technology Plan Update
  https://lincs.ed.gov/professional-development/resource-collections/profile-902
SKILLS AND STANDARDS RESOURCES

- Teknimedia Computer Skills for the 2014 GED® Test Table of Contents
  http://www.teknimedia.com/Docs/TOC/CBT100.pdf

- Technology Skills Checklist for Students (ICCB.org)
Integrating Technology in WIOA
INTEGRATING TECHNOLOGY IN WIOA

The Workforce Innovation and Opportunity Act (WIOA) supports the use of technology for the improvement of teaching, learning, professional development, productivity, and system efficiencies. This fact sheet highlights the places in Title II, Adult Education and Family Literacy Act, in which technology plays a supporting role in creating a high-performing system.

INTEGRATING TECHNOLOGY IN WIOA
https://www2.ed.gov/about/offices/list/ovae/pi/AdultEd/integrating-technology.pdf
Creative Types by Adobe Create
Everyone has a creative “type”—knowing yours helps you maximize your potential. Take our quiz to discover your type!

https://www.mycreativetype.com/
Digital Literacy + Teaching In A Technology Integrated Learning Community
Hybrid learning is an educational model where some students attend class in-person, while others join the class virtually from home. Educators teach remote and in-person students at the same time using tools like video conferencing hardware and software.

[Link to Hybrid Learning page](https://sd33.bc.ca/hybrid-learning)
“Blended learning is an approach to education that combines online educational materials and opportunities for interaction online with traditional place-based classroom methods. It requires the physical presence of both teacher and student, with some elements of student control over time, place, path, or place.”
Four Models of Blended Learning Defined. The Christensen Institute has studied emerging blended learning models and determined most blended courses in schools today can be described as one of four models: Rotation, Flex, À La Carte, and Enriched Virtual.
Blended Learning

Rotation

Enriched Virtual

À La Carte

Flex

Blended Learning
The Flex model lets students move on fluid schedules among learning activities according to their needs. ... Teachers provide support and instruction on a flexible, as-needed basis while students work through course curriculum and content. This model can give students a high degree of control over their learning.
Are you using or planning to use a blended, a hybrid or a flex course model with your classes?
Key components of digital literacy lessons: mousing, keyboarding, using the internet, and manipulating documents and computer drives
Components of Digital Literacy

- Creativity
- Collaboration and Networking
- Cultural and Social Understanding
- Effective Communication (Netiquette)
- Online Safety/Digital Footprint, Citizenship
- Functional Skills
- Finding and Selecting Information (Research & Info Fluency)
- Appropriation, Judgement and Simulation
- Critical Thinking and Evaluation (Decision Making & Problem Solving)
**PARTS IDENTIFICATION/USAGE**

Distinguish between desktop, laptop, and tablets computers.

<table>
<thead>
<tr>
<th>Identify specific computer hardware: a system unit, monitor, printer, keyboard, mouse or touchpad, touchscreen, USB port</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identify storage media: USB/Flash drives (external) and hard drive (external and internal) and Cloud based</td>
</tr>
<tr>
<td>Identify icons on computer desktop and mobile devices (Internet Browser, Control Panel, Recycle Bin, Skype)</td>
</tr>
</tbody>
</table>
INPUT/OUTPUT MOUSING/ALTERNATIVES SKILLS

Identify types of mice: mouse and touchpad

Identify mouse pointer shapes and match them to the correct context of use: typing arrow (text), arrow (basic clicking), hand pointer (clickable links)

Demonstrate appropriate use and ability to right-click and left-click

Double click and right click

Drag and drop

Use mouse to select check boxes, use drop-down menus and scroll
<table>
<thead>
<tr>
<th>Practice finger placement and Home Keys</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demonstrates knowledge of function and placement of keys on keyboard: Enter, Shift, Control, Backspace, Delete, Arrow Keys, Tab, Caps Lock, Number Lock.</td>
</tr>
<tr>
<td>Practice number keys</td>
</tr>
<tr>
<td>Building speed and accuracy</td>
</tr>
</tbody>
</table>
COMPUTER/MOBILE DEVICES, ONLINE/INTERNET NAVIGATION

- Turn computer and monitor on and off
- Log on to computer, apps, email
- Adjust volume and mute audio
- Plug in headphones & microphones correctly and use when appropriate
- Save, name, and locate and open documents and other media
<table>
<thead>
<tr>
<th>Demonstrate Customizing Skills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demonstrate the ability to use the recycle bin correctly for trashing and retrieving items</td>
</tr>
<tr>
<td>Demonstrate understanding that it is possible to customize a computer and mobile devices for increased accessibility</td>
</tr>
<tr>
<td>Demonstrate understanding that mice can be customized for left-handed people and that the speed of clicking can also be customized</td>
</tr>
<tr>
<td>Demonstrate understanding that screen resolution can be changed</td>
</tr>
<tr>
<td>Download apps on mobile devices and use</td>
</tr>
</tbody>
</table>
These are computer skills students should know and be able to do independently at various levels (basic, intermediate, proficient) with specific types of software applications to enable them to access, manage, integrate, evaluate, create and communicate information.

These skills should not be taught in isolation but should be applied when meeting learning outcomes in the content areas.
Basic
Foundational computer literacy skills

Intermediate
Computer literacy and competency beyond the foundational level

Proficient
Computer literacy and competency beyond the intermediate level applied in educational and work settings
Curriculum design, lesson planning and instruction

the Five Basics

I. Needs assessments and participation of the learners in planning what is to be learned.

II. Well-planned and detailed instructions for all activities.

III. Careful attention to sequence of content and reinforcement; from simple to complex

IV. Learning by doing: understanding that new knowledge is enhanced when applied; practice newly acquired skills and attitudes, and then reflect on what they have just done.

V. Teamwork: using small groups for encouragement. Individual: building accountability showing how they know they know.
Teacher patience is essential. Expect mistakes, misunderstandings, and fears from some students about their abilities to use a computer, especially older students.

**Student-led/Teacher hands-off approach:** Teacher tries not to touch the technology/computer so that the student will be engaged in learning, gain confidence and build technology skills. When assisting a student, point instead of touching their computer or mouse.

**Instructional Tips**

- **Model, then Practice:** First teacher shows an action and asks students to do the same. It is not enough for the teacher to just demonstrate. The students must physically do it themselves several times to be able to do it independently.

- **Step by step instruction:** Recipe approach-break lesson down into simpler, more doable actions.
Tips for Teaching Computer Skills to All Literacy Level Adult Learners

Instructional Tips

- Be positive and encouraging!
- Non-verbal gestures: smile, give thumbs up, nod “yes,” etc.
- Words of encouragement: “Ok, move the mouse up more,” “That’s good,” and even if they make a mistake, say “No problem.” “Again,” “Good job,” etc.
- Contextual Learning: Make the digital learning tasks you do relevant to the user’s daily experience.

- Goal-set with your students. What would they like to be able to do with better digital skills? Having a motivation for learning keeps students interested in putting in the work. It also helps you select activities to do together that connect to their digital goals.
- Use picture-driven resources if helpful.
- Progress will come slowly! Students can only learn by doing, and will be imperfect until they master it. This is natural—students may be frustrated by this, and may need you to remind them that it’s all part of learning.
Student Communication Tools

Communication tools for teachers & students
What real time communication tool(s) do you use with your learners?

Bloomz
BookWidgets
Classpager
Google Classroom
Microsoft Teams
Remind
Showbie
Slack
Snapchat
Skype
TalkingPoints
Teachers.io
Whatsapp
Zoom
other__________________
Remind

Enables teachers to communicate with students in real-time. Chats and files shared through Remind can be translated into more than 90 languages. Teachers can share resource materials with all students from a single platform.

- Free
- Engage students actively for educational learning
- Functional with both Android and iOS devices
- Two-way messaging
- Activate engagement bringing meaningful interaction to every classroom
- Initiate group discussions
- Contact any student individually
- Send messages and important announcements that students/parents can’t miss
- Stay on top with all information regarding assignments, assessments, and other activities

www.remind.com/
Seesaw

Students can store and share their best work. Teachers use to enhance classroom learning by sharing concrete examples of their students’ learning powers.

- Cost for use
- Engage students actively for educational learning
- Compatible with both Android and iOS devices
- Highlights areas for improvement
- Helps teachers to differentiate instructions
- Tools like drawings, voice recordings, videos, and more
- Group and individual discussions
- Student portfolios
- Information regarding assignments, assessments, and other activities
- Creative thinking opportunities in different subjects
- Understand the strengths and weaknesses of students for improvement in real-time

https://web.seesaw.me/
WhatsApp

- Free
- Simple
- Secure
- Reliable messaging
- Available on phones: Android and iPhone * Data charges may apply Contact your provider for details.
- Available on Mac or Windows PC

www.whatsapp.com/
BookWidgets

- Free 30-day Trial, $49 per year
- Create interactive exercises
- Automatically graded test
- Library consists out of 30+ widget types
- Create fun and interactive exercises for Chromebooks, tablet, smartphones and PCs right inside Google Classroom
- Available on phones: Android and iPhone
- Available on Mac or Windows PC

www.bookwidgets.com/
Health Activity example: Home Remedies

https://bit.ly/3g7a2xu
Do you develop activities to help students navigate Online Resources (i.e. Career, Government, Health, Work and more)?

Yes or No
Can you tell us what activities you developed to help students navigate Online Resources (i.e. Career, Government, Health, Work and more)?
Learn how to create an account and apply for health insurance coverage, compare plans, renew online. You can also apply by phone

www.healthcare.gov/apply-and-enroll/how-to-apply/
Medicare.gov

The official U.S. Government website for Medicare.

www.medicare.gov/
Benefits.gov

Benefits.gov is an online resource to help you find federal benefits you may be eligible for in the United States.

www.benefits.gov/
Illinois Department of Labor

Online services; Forms and Publications; Laws and Rules
Illinois workNet

Employer, Job Seeker, Virtual Job Fair, Training & Services

www.illinoisworknet.com
Life is filled with chaos, and we must learn to solve problems in the midst of it every day. These interactives give you a chance to practice these challenges without real-life consequences.

https://edu.gcfglobal.org/en/topics/everydaylife/

Online Application Practice and More Websites
Applied Digital Skills

https://applieddigitalskills.withgoogle.com/s/en/home

Google’s digital literacy curriculum: Applied Digital Skills!
LINCS

Filling Out Medical and Family History Forms - Research-based Health Literacy Materials and Instruction Guide - Beginning ABE and ESL Levels

https://lincs.ed.gov/health/10_forms
Practice Job Application Online

https://www.pdffiller.com/256387-fillable-practice-applications-for-employment-form
Practice Job Application Online

https://practice-job-application.pdffiller.com/

PRACTICE JOB APPLICATION

PERSONAL DATA
DATE

SOCIAL SECURITY
NUMBER

NAME
LAST
FIRST
MIDDLE

PRESENT ADDRESS
STREET
CITY
STATE
ZIP CODE

PERMANENT ADDRESS
STREET
CITY
STATE
ZIP CODE

PHONE NO.

DATE OF BIRTH

IF RELATED TO ANYONE IN OUR EMPLOY
STATE NAME AND DEPARTMENT
REFERRED
BY
Practice Job Application Online

https://www.pdffiller.com/jsfiller-desk10/?projectId=357249906&expId=5841&expBranch=2#5affa1fc89e987f08f8393eb03fca11a
Practice Job Application Online

https://careerwise.minnstate.edu/jobs/practice-online-job-application.html
Practice Job Application Online

https://www.jotform.com/form-templates/category/application-form

Application Forms

Application forms are critically important to companies, schools, and nonprofits. JotForm simplifies online application forms, whether you need it for collecting information for loans, job applications, scholarships, or even housing. If you don’t have the proper application template, you could be hindering your ability to get tasks done or collect the information you need.

Create your own form by either selecting from one of our application form samples or start a basic application form from scratch. Using the JotForm form builder to format and customize the application form template to match your needs.

Try one of our free online application form templates today!

Job Application Forms

- Simple Job Application Form
- Employment Application Form
- CV Application Form
Knowing how to use computers is important in everyday life (Murphy et al., 2017).
Top 200 Tools for Learning 2020

- Content Development
- Office Tools & Suites
- Digital Notebooks
- Collaboration Platforms
- Learning Platforms/LABS
- Web Resources
- Video Meetings (Virtual Classrooms)
- Social Networks & Communities
Digital Literacy Assessment

What Digital Literacy assessment tool do you use to gauge learner digital skills?

- Northstar Digital Literacy Assessment
- Microsoft Computing Assessment
- FutureEdge Digital Literacy Challenge (https://www.grovo.com/capitalone/)
- Create your own (i.e. Google Forms, MS PowerPoint or Word, ProProfs QuizMaker and more)
- None
Websites & More: Typing, Mousing, & Other Computing Skills Practice & Resources

Digital literacy and more websites with free and low-cost skills practice.
Digital Literacy Assessment

- Basic Computer Skills
- Internet Basics
- Email Basics
- Information Literacy
- Digital Footprint
- Social Media
- Career Search Skills

- Windows Skills
- Mac OS Skills
- Android Skills
- IOS Skills

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Google Docs
- Google Sheets
- Google Slides
- Google Forms
- Adobe Acrobat
If you are new to computers, haven't used them for a while, are a little unsure and uncomfortable, or just need a bit of a refresher, we have the tools to help you tackle technology at your own pace and gain the confidence you need to succeed.
Chicago Digital Learn

https://chipublib.digitallearn.org/

Use a computer to do almost anything! Choose a course below to start learning or search courses.
The Digital Homeroom

https://ctep.weebly.com/

The Digital Literacy Homeroom Project. This website is the product of over one year of collaborative work accomplished by Community Technology Empowerment Project (CTEP) service corps members and Jen Vanek, a doctoral candidate at the University of Minnesota.
DigitalLearn.org Tools for Learners

https://training.digitallearn.org/pages/bibliography

A bibliography used by the Gail Borden Public Library District for their course materials development. Some free and pay-for books, articles, and online resources.
Each class contains a minimum of three supporting documents, which generally include a Design Document (Instructor's Guide), an Activity Sheet, and a Handout. PowerPoint presentations, practice files, and additional documents may also accompany classes when applicable. With these items and a bit of preparation and practice, you will be ready to teach any of our classes in no time!
eLearning Industry

https://elearningindustry.com/

ELearning Industry is an online community of professionals participating in the elearning industry. ELearning contains a collection of articles, concepts, and software available to the industry. The site is free to use.
GCFLearnFree.org

www.gcflearnfree.org/subjects/technology/

GCFLearn Free assists millions of users from around the world to learn essential skills they need to live and work in the 21st century. It offers over 125 million tutorials covering topics from Microsoft Office and email to technology, math, reading, and everyday life. GCFLearn is a free site with no fees.
GCF Aprende Libre is a virtual space created to provide education and opportunities to enrich those who wish to improve their quality of life. They believe in freedom and education, and as a demonstration of this they offer a site for Spanish-speaking people who want to strengthen their skills for progress in daily life.
Not a native English speaker? Not a problem! GCFLearn has worked with volunteers from different countries to help translate their content into different languages. It’s all in an effort to continually serve learners in all corners of the globe. Here, you'll find some of their most popular tutorials translated into French, Russian, Arabic, Chinese, Indonesian, Norwegian, and other languages.
GCFLearnFree.org (YouTube)

https://www.youtube.com/user/gcflearnfree

Welcome to Our Channel

GCFLearnFree.org is a worldwide leader in FREE, online education. We’ve been making free videos and tutorials for more than a decade, and we’ve served more than 100 million users in every country in the world. With more than 190 topics, we cover everything from Microsoft Excel and social media to graphic design and job skills.
Computer tutorials based on pictures, not words. Each In Pictures tutorial employs hundreds of screenshots that show exactly what to do. The screenshots have color accents. This helps you focus on what's important. All In Pictures tutorials are free!
Northstar Digital Literacy tests your computer skills. You can build skills in key areas, and demonstrate your knowledge by earning certificates and badges. Northstar is providing free curricula for our new assessment. This includes eight classroom lessons, which can be taught remotely or in-person.
Literacy Minnesota
https://www.literacymn.org/educator-resources

EDUCATOR RESOURCES
Your hub for all things ESL and Adult Basic Education.

Search resources by keyword
FILTER BY: AUDIENCE - TOPIC - FORMAT - LEVEL -

SORT BY: A to Z Most Recent
Techboomers

https://techboomers.com/

Techboomers launched in 2015 and is a free educational website designed to teach older adults and other inexperienced internet users. Techboomers.com introduces users to new websites and internet-based applications. Techboomers uses an easily navigated directory, free video and article tutorials, and on-site product alerts.
Sample Lesson Design for LA Reading/Writing Activity example:

Mousing Practice

- JigZone.com Jigsaw Puzzle Games [www.jigzone.com/](http://www.jigzone.com/)
- Map Puzzles: Learn U.S. and World Geography [www.yourchildlearns.com/map-puzzles.htm](http://www.yourchildlearns.com/map-puzzles.htm)
- Mouse Practice – Burlington County Library [www.bcls.lib.nj.us/Classes/cns/Welcome.html](http://www.bcls.lib.nj.us/Classes/cns/Welcome.html)
- Palm Beach County Library System Mousing Tutorial [www.pbclibrary.org/mousing/](http://www.pbclibrary.org/mousing/)
Typing Practice

- CTE/Keyboarding lesson plan search results [www.uen.org/Lessonplan/LPview.cgi?core=1214](http://www.uen.org/Lessonplan/LPview.cgi?core=1214)
- Free typing tutor online with free typing lessons [http://powertyping.com/](http://powertyping.com/)
- Online free touch typing program | senselang [http://sense-lang.org/](http://sense-lang.org/)
- Typing Games – play free typing games online! [www.alfatyping.com/freetypinggames/](http://www.alfatyping.com/freetypinggames/)
- TypingTest.com – free typing test and typing games online [www.typingtest.com/](http://www.typingtest.com/)
- Typing web [www.typingweb.com/t/1?utm_expid=15557290-0.rjvae8q8T3asNhUpCCtLXg.1&...](http://www.typingweb.com/t/1?utm_expid=15557290-0.rjvae8q8T3asNhUpCCtLXg.1&...
Other Computer Practice

- ExpertRating – online certification and employment testing http://expertrating.com/examlist.asp
- Free government clip art by Phillip Martin http://government.phillipmartin.info/index.htm
- Free online certification exams from NCSA www.ncsacademy.com/freetest.cfm
- Free online tutorials www.baycongroup.com/
- Skills assessment/training needs analysis www.skills-assessment.net/
- Your nonprofit technology community | NTEN www.nnten.org/
- The Integrated Digital English Acceleration (I-DEA) program teaches English language skills in the context of college and careers for learners who face the largest language gaps. https://www.sbctc.edu/colleges-staff/programs-services/i-dea/
Mobile-Technology Integration
Apps and Websites
Amrita Learning - Reading

Links:

- Lessons start with learning letter sounds and continue to multi-page stories and articles, with vocabulary support in English and Spanish.
- Amrita Learning App is designed for low-literate adults and supports family literacy. It can be used by Adult Education organizations, libraries, schools, prisons, and businesses.
- It can also supplement Special Education for specific learning difficulties such as dyslexia.
- Oral modeling on all voice audio: In Amrita Learning app, the voice audio very gently emphasizes the beginning and ending of each word while modeling the natural English cadence of speech. This way, the English Language Learner may follow the written words while imbibing the natural sound of spoken English.
- Picture Dictionary: Over 350 beautiful photos of important practical vocabulary, presented in English and Spanish with audio for both.
AutoCognita

https://www.autocognita.com/

Features of AutoCognita App

- Learn foundational reading skills—alphabet, phonics, vocabulary, fluency, and comprehension
- Expanded reading curriculum
- Fluency builder
- Strong pedagogy
- Clean simple design
- Better user experience on low-end smartphones
- Easier navigation throughout the app
Hello from Cell-Ed! We are so glad you are here. We know you are busy and always on the go. From job to kids to daily life. So we designed Cell-Ed for you. With Cell-Ed, you can learn the skills you want anywhere, anytime. With just a click, listen to the voice of our teachers. With just a text, learn and communicate with your personal coach who can help you when you need that extra support. Complete the course and earn a certificate! It’s that easy!

Links: https://www.cell-ed.com/
With this app, students can learn over 30 languages. They can use it in the classroom, home, or on-the-go. Teachers can use it as a primary instructional tool to reinforce language lessons. This is a free app to learn languages compatible with Android and iOS devices. Teachers can use this app as a learning companion for their classrooms. Its advanced lessons provide each student with customized feedback and practice, preparing them to get the most out of the classroom instructions. Through the Duolingo dashboard, teachers can track the progress of each student from a single platform.

- Learning a new language is fun and addictive
- Bite-size lessons are very effective
- Offers personalized learning, immediate grading, and rewards for good performance

https://www.duolingo.com/
Google Classroom

https://classroom.google.com/

Google Classroom is a free web service developed by Google for schools that aims to simplify creating, distributing and grading assignments in a paperless way.
Learning Upgrade

Links: https://web.learningupgrade.com/

Why Learning Upgrade?
● 21 Courses: From Kinder to Adult!
● Adult Ed: Literacy, ESL, Math, ABE/HSE, Digital Literacy
● An English Learner Solution
● For Special Needs
● Proven Breakthrough Growth
● Formative Assessment Reports
● Teacher Menu and Reports
Moodle is a Learning Platform or course management system (CMS) - a free Open Source software package designed to help educators create effective online courses based on sound pedagogical principles. You can download and use it on any computer you have handy (including webhosts).
Padlet

https://padlet.com/

Collaborate better. Be more productive. Make beautiful boards, documents, and webpages that are easy to read and fun to contribute to.
Archaeological adventure game called “Codex: The Lost City of Atlantis.” Though targeted toward adults, it is suitable for all ages and for English learners as well as native English speakers. In the game, learners must solve spelling and reading puzzles to “decode the lost language of Atlantis.” Along the way, they help characters solve problems and learn about real-world locations, such as the Great Sphinx of Giza.
Students can use their phone camera to take pictures of a math problem to get a step-by-step explanation on how to solve it. It makes math easy to understand. Teachers can use this app to improve the mathematical learning of students. They can ask them not to understand what the right answer is, but why it is the right answer. Of course, there are some caveats to using this app. Like students could use it during exams for cheating purpose. So you can use a student monitoring app like Xnspy for schools to supervise all the activities of the students on their smartphones, or simply you can block access to the app or website during exams hours.

- Scan a math problem for instant help
- Provides step-by-step explanations
- Assists with animated calculation steps
Plickers is the free card activity your students will love. 
Join millions and play in your next lesson.

https://get.plickers.com
Poll Everywhere

https://www.polleverywhere.com/
Live interactive audience participation
Engage your audience or class in real time
School Fuel is a Mobile Learning Platform that allows teachers and school leaders to connect with students in class and on the go. School Fuel provides customized app and resource libraries aligned to Common Core Standards helping schools deliver the right apps to the right students at the right time - on any device.
With this app, teachers can make and organize collections of materials. It is a free curator tool that enables you to save, organize, and share interesting content from the web. Photos, web pages, podcasts, and many other things can be structured as a public or private collection. Curation has become one of the essential tools, considering the amount of information we encounter daily on the World Wide Web. With the help of Wakelet app, you can help students to develop essential research skills and achieve learning goals.

https://learn.wakelet.com/
GameShow Apps and Websites

Check out the virtual dice:
https://www.piliapp.com/random/dice/
Kahoot! is a game-based platform that makes learning awesome for millions of people all over the world. Sign up to create and play fun quiz games!
eQuizShow

The easiest way to create an online Jeopardy-style review game.

http://www.equizshow.com
Quizalize

Turn boring tests into fun classroom team games. Instantly know who needs help and what they need help with. And effortlessly assign follow-up activities that boost student results.

https://www.quizalize.com
Quizlet makes simple learning tools that let you study anything. Start learning today with flashcards, games and learning tools — all for free.
Quizzes

Free self-paced quizzes to review, assess, and engage—in class and at home.

https://quizizz.com
Some Subject Websites
AAA Math features a comprehensive set of interactive arithmetic lessons.
http://www.aaamath.com/

Compare Fractions - With Lines or Compare Fractions, or With Circles will give instruction and practice in comparing fractions. The concept of least common denominator is introduced.
http://www.visualfractions.com/

CollectEdNY
CareerKit on Transportation and Warehousing has been released. Full toolkits are available for download, along with the new Career Fundamentals CareerKit. Students develop underlying concepts as an introduction to each topic and then practice applying what they have learned in context.
http://www.collectedny.org/

Dave's ESL Cafe Idea Cookbook Math
Math - Ideas on how to teach math to your ESL/EFL students
http://www.eslcafe.com/idea/?Math

Engage NY Math Studio Talk
Common Core Instruction for 4.NF
https://www.engageny.org/resource/math-studio-talk-common-core-instruction-4nf
SUBJECT WEBSITES IDEAS-MATH

• **GED Math Classes Online**
  GED Study Guide 2015: FREE Practice Tests & Video Courses

• **Khan Academy**
  Math and more.....
  [https://www.khanacademy.org/math](https://www.khanacademy.org/math)

• **Free Math Apps**
  [https://www.mathlearningcenter.org/apps](https://www.mathlearningcenter.org/apps)

• **Numberline**

• **Shodor.org**
  Learning through computational thinking
  [http://www.shodor.org/interactivate/](http://www.shodor.org/interactivate/)

• **XP Math**
  XP Math allows teachers to differentiate instruction by process and content by providing tools to collect and analyze student data at every stage of their learning.
SUBJECT WEBSITES IDEAS-READING

• **Awesome Stories**
Videos and stories highlighting famous, unique, and interesting individuals. A pictorial history which includes science and social study subjects.
www.awesomestories.com

• **Easy English news, short news, English story, reading skills for you**
We wanted to give them some news for their level of English.
http://www.newsinlevels.com/

• **Folk tales and other stories**
Literature: More than 25 folktales from all over the world.
http://www.peacecorps.gov/wws/stories/

• **Graphic Organizers for Reading Comprehension | Scholastic.com**
Graphic Organizers for Reading Comprehension-Students can use these learning tools to see how ideas fit together, and you can use them to identify the strengths and weaknesses.

• **The Moonlit Road - Southern Ghost Stories, Folktales and Storytelling**
Ghost stories - text and audio. 5th grade reading level - Welcome to The Moonlit Road.com, we tell ghost stories, folktales, myths and legends from the backroads of the American South.
http://themoonlitroad.com/
• **Living on Earth: Sound Journalism for the Whole Planet**
Science: Environmental podcasts from Public Radio International.  
http://loe.org/

• **Reading Comprehension Science Passages**
Reading Comprehension Science Passages - Seems like a nice place to get some good general reading comprehension texts that outline basic GED content areas in Science.  
http://education.jlab.org/reading/index.html

• **Science Experiments, Videos, and Science Fair Ideas at ...**
"Science Bob" Pflugfelder has been a fan of science since he was just six years old. Over the years, he has been exploring the scientific world with thousands of students. He also encourages parents and teachers to practice "Random Acts of Science" by providing instructions and videos for interactive science experiments on his web site.  
https://sciencebob.com/
SUBJECT WEBSITES IDEAS-SOCIAL STUDIES

• **Contemporary's GED Social Studies**

• **Digital History**
  Resources that aims to cover the latest trends in digital history.  
  [http://digitalhistory.unl.edu/](http://digitalhistory.unl.edu/)

• **Free Social Studies worksheets, Games and Projects**
  Social Studies Games and Quizzes, Social Studies Worksheets and Games  

• **GED Social Studies Practice | GED Practice Questions**
  GED Social Studies test is 90 minutes. First section is 65 minute long, 35 questions-Civics & Government (50%), United States History (20%), Economics (15%), and Geography (15%).  

• **Jamestown Online Adventure:**

• **The Library of Congress Student Discovery**
  Interactive tools let students zoom in, draw to highlight details, and conduct open-ended primary source analysis. Full teaching resources are available.  
• **Argument & Persuasive Writing @Web English Teacher**
  Argument-Lesson plans and teaching resources

• **Welcome to AzarGrammar.com**
  Free materials to download and use in your classroom, including worksheets contributed by fellow teachers and the full text of Fun with Grammar. [http://azargrammar.com/](http://azargrammar.com/)

• **Contemporary's GED Language Arts, Writing**
  Contemporary’s GED Language Arts, Writing. Student Center-Click on the link above, and then choose a chapter from the table of contents. You’ll find Chapter Review Quizzes, Chapter Outlines, Interactive Flashcards, Web Links, a Writing Handbook, and more!

• **Essay Map/Student Interactives - ReadWriteThink**
  An interactive graphic organizer, Essay Map offers several ways to structure their writing through the use of an outline. Students fill in the boxes with an introductory statement, a main idea, the supporting details of their piece, and a concluding statement. This site has a huge selection of interactive writing activities: Inquiry and Analysis, Compare and Contrast.
Thank you.

Questions?

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