

Reboot Your Digital Strategy!

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LINCS Region 1 Professional Development Center

Developed by Heidi Silver-Pacuilla (OCTAE)
and Sandra Toro (IMLS)



Why Should You Visit LINCS Regularly?

LINCS provides you with the information, resources, activities, and network you need to enhance your practice in order to provide your students with high-quality learning opportunities.



<http://lincs.ed.gov/>

LINCS is funded by the U.S. Department of Education - Office of Career, Technical, and Adult Education. It is comprised of the Resource Collection, managed by Kratos Learning, the Regional Professional Development Centers, and the Technical Contractor, Quotient, Inc.

LINCS Makes a Difference

How can LINCS help you with your work? It offers:

- A **Resource Collection** containing high-quality, evidence-based materials in 16 topic areas critical to the field
- An online **Community of Practice** where you can share knowledge and collaborate with your peers
- A **Learning Portal** where you can engage in self-paced and facilitated professional development courses
- Four **Regional Professional Development Centers** (RPDCs) that deploy evidenced-based PD trainings to states

Don't Miss a Beat; Create A LINCS Account

- Participate in the **Community**:
<https://community.lincs.ed.gov>
- Access the **Learning Portal**:
<http://lincs.ed.gov/courses>
- Search the **Resource Collection**:
<http://lincs.ed.gov/collections>
- Follow the latest updates: @LINCS_ED
- Join our professional group: LINCS_ED
- Watch webinar archives and more: LincsEd



Follow Us for LINCS Updates



Resource
Collection



Community



Learning
Portal

LINCS

Literacy Information and Communication System

LINCS

@LINCSED

A U.S. Dept. of Education initiative to advance adult education through high-quality teacher professional development. Retweets/follows don't imply endorsement.

Washington, DC

lincs.ed.gov

Joined May 2012

6 Photos and videos



TWEETS
786

FOLLOWING
184

FOLLOWERS
561

FAVORITES
26

Follow

Tweets Tweets & replies Photos & videos

LINCS @LINCSED · 6h
Americans are increasingly using mobile devices for activities previously done on computers. Read more: 1.usa.gov/10OvVIH #adulted

LINCS @LINCSED · Nov 5
Joint @usedgov @DeptofDefense & @DeptVetAffairs program extends reach for 8 Keys to Veterans' Success 1.usa.gov/1x87LTA #Transitions

LINCS @LINCSED · Nov 4
PIAAC Gateway: new infographic on skills of U.S. young adults & reflections via @usedgov's Johan Uvin: bit.ly/10hWKnF @Education_AIR

LINCS @LINCSED · Nov 3
In 1 hr, come together, give thanks, share results & reflect – What went well & what we learned bit.ly/1vRnIQ7 #HT @edconnectr #ce14

Don't miss any updates from LINCS

Full name

Email

Password

Sign up for Twitter

Worldwide Trends · Change

#Gala10GH15

#SomethingBigAtMidnight

#MabSocialMediaHizmeti

#EMABiggestFans10

#TheHeartWantsWhatItWants

Naismith

The Force Awakens

Carter Ashton

Broke With Expensive Taste

America is a Constitutional Republic



@LINCSED



Join our
group:

LINCSED

Objectives

By the end of the workshop, you will be able to:

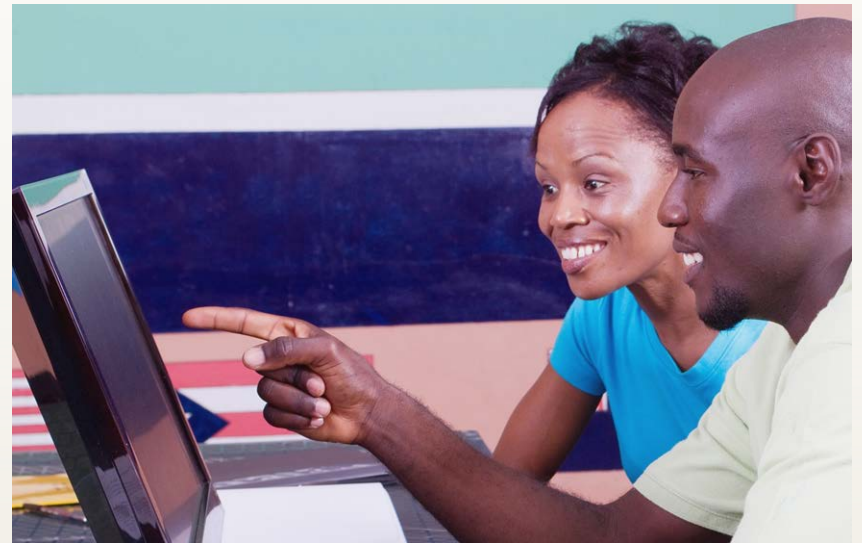
- Describe and evaluate national initiatives, resources, and tools to enhance digital literacy programming and services
- Select a resource or tool to share at your organization, and draft a plan for next steps

For what type of organization do you work?



Introductions

- What is your name, position, and organization name and type?
- What is a **digital literacy challenge** you are working to address at your organization? How?





Access

Digital Literacy

Affordability

Confidence

Ease of use

Relevance

Defining Digital Literacy

Digital literacy is defined as: the skills associated with using technology to enable users to find, evaluate, organize, create, and communicate information (U.S. Department of Education, 2015), and the ability to use those skills to solve problems in technology-rich environments (Leu, Kinzer, Coiro, Castek, & Henry, 2013).

Literacy and Technology

Literacy is enhanced by **digital literacy**.

Digital literacy is improved by **practice**.

Practice is enabled by **digital access**.



ACCESS



Access to what?

The future!

- Internet, wired and Wi-Fi
- Broadband
- Cell service
- Data and text cell phone plans
- Computer and printer
- Power and memory
- Projectors for classrooms
- High-quality content
- Digital literacy training



Access

Where is access to computers and internet in every community?

- Working with libraries
 - OCTAE working closely with Institute of Museum and Library Services (IMLS)
 - 16,500 public libraries in the U.S.
 - 77M people used the library for computers and Wi-Fi access in 2009
 - 42% of library computer users cite education as their main reason
 - 24% were taking an online course or assignment

(Becker, Crandall, Fisher, Kinney, Landry, and Rocha, 2010)

Digital Literacy in Libraries



What does digital literacy education in libraries look like?

- School librarians can help *children* develop basic digital literacy competencies
- IMLS-funded Learning Labs help *young adults* gain more advanced knowledge and skills for coding, digital storytelling, and game design
- What about adults? Libraries provide:
 - learning opportunities outside K-12 educational system
 - computer classes & self-directed tutorials to use onsite or at home
 - The District of Columbia Public Library offers a GED© institute to help better prepare instructors who teach adults who struggle with preparing for the GED© exam.

Increasing Access



The screenshot shows the OCLC WebJunction website. The header includes the OCLC WebJunction logo and the tagline 'The learning place for libraries.' Below the header are navigation tabs: 'Find Training', 'Explore Topics', 'Share Your Story', and 'About'. The main content area is titled 'Explore Topics - Building Digital Communities: Pilot'. The page features a large heading 'Building Digital Communities: Pilot' and a subheading 'Overview'. Below the subheading is a paragraph of text: 'With [one in five Americans not using the internet](#) and online interactions becoming a daily necessity of individuals and organizations, communities are recognizing the importance of taking action to increase digital inclusion. Libraries, local government and non-profit organizations are often the leaders of local digital inclusion efforts. Building Digital Communities: Pilot is a project supporting and documenting the work of pilot communities to increase the access and use of'. To the left of the text is a photograph of a person standing next to a large screen displaying a presentation slide titled 'DIGITAL COMMUNITY LEADERSHIP SUMMIT'.



The screenshot shows the ALL ACCESS in the Libraries Rhode Island website. The header includes the ALL ACCESS logo, the Providence Public Library logo, the Cranston Public Library logo, and the Institute of Museum and Library Services logo. Below the header are navigation tabs: 'Home', 'About', 'News', and 'Connect'. The main content area is titled 'Innovative programs for adults at the library'. It features four large tiles: 'THE LEARNING LOUNGE at the LIBRARY', 'ALL ACCESS Exploration Station', 'RI RESOURCE HUB', and 'One-on-One'. To the right of the tiles is a 'LATEST NEWS' section with a list of recent events and announcements, including 'U.S. Senator Jack Reed Visits Providence Public Library', 'One-on-One Technology Help at Cranston Public Library', 'Digital Badging at Summer Institute in Digital Literacy at URI', 'ALL Access featured in joint effort announcement from DOE and IMLS', 'Learning Lounge Now Open!', 'Introducing RI Resource Hub', 'Purpose', and 'Learn about the Makerspace Movement'.

IMLS is working to help prepare librarians to lead digital inclusion efforts.

Northstar Digital Literacy Project

← → ↻ <https://www.digitalliteracyassessment.org> ☆ [Social Media Icons]

[Home](#) [About](#) [Becoming a Sponsor](#) [Educators](#) [Employers](#) [Job Seekers](#) [Sponsoring Sites](#) [FAQs](#)

Learn it. Know it. Show it.

NORTHSTAR

BASIC COMPUTER SKILLS CERTIFICATE

1,004,942 PUBLIC ASSESSMENTS COMPLETED ➔



THE FRIENDS OF THE SAINT PAUL PUBLIC LIBRARY

SAINT PAUL PUBLIC LIBRARY

OTTO BREMER FOUNDATION

MINNESOTA Literacy COUNCIL
Sharing the Power of Learning


SAINT PAUL COMMUNITY LITERACY CONSORTIUM
Transforming lives through adult learning.

INSTITUTE of Museum and Library SERVICES

Minnesota Department of Education

Partners with **EdTech CENTER®** WORLD EDUCATION

DigitalLearn.org

 DIGITALLearn.ORG

LEARN

TEACH GET HELP GIVE FEEDBACK

Home » Learn









Choose a class below to start learning

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.

Help Us Improve

Help us improve this website by completing this 2 minute survey

[Take survey now](#)

<h4>Intro to Email (Part 2)</h4>  <p>After you have taken Intro to Email, continue your learning with this class.</p> <p>🕒 20 min</p>	<h4>Intro to Microsoft Word</h4>  <p>Learn how to create, format, and save a document in Microsoft Word.</p> <p>🕒 17 min</p>	<h4>Creating A Resume</h4>  <p>Learn how to create and edit resumes in Microsoft Word.</p> <p>🕒 21 min</p>
<h4>Online Job Searching</h4>  <p>In this class, get an overview of tips and tools for looking for a job online.</p> <p>🕒 22 min</p>	<h4>Cloud Storage</h4>  <p>Learn what cloud storage is, who offers it, and how to use it in this class.</p> <p>🕒 22 min</p>	<h4>Intro to Facebook</h4>  <p>Learn the basics of a Facebook in this class, including signing up, finding friends, posting, and privacy.</p> <p>🕒 10 min</p>
<h4>Primeros pasos en el equipo</h4>  <p>Entérese de lo que un ordenador es y cómo utilizar un ratón y un teclado.</p> <p>🕒 16 min</p>	<h4>Búsqueda Básica</h4>  <p>Esta clase le ayudará a aprender acerca de los motores de búsqueda y obtener que comenzar la búsqueda en Internet.</p> <p>🕒 6 min</p>	

AFFORDABILITY

EveryoneOn.org/adulted

- Prequalifies for the best deal in the local area:
 - Students
 - Teachers
 - Programs
- Wireless internet service for as low as \$10 a month
- Refurbished tablets, laptops, desktops
- Downloadable materials:
<http://everyoneon.org/campaign-materials/>



Everyone On

Let's get more devices in students' hands and households.

Everyoneon.org/AdultEd

[CONNECT](#)[LEARN](#)[GET INVOLVED](#)[BECOME A PARTNER](#)[BLOG](#)[CONNECT2COMPETE](#)[ESPAÑOL](#)

Welcome!

We're working with Office of Career, Technical, and Adult Education to provide you with the best low-cost Internet service and computer offers.

[Find Offers](#)

Internet Offers

Basic Internet

\$10.00 per month

EQUIPMENT
\$69.00 ?

DATA
1.2GB 4G data/month; speed slows if exceeded.

RESTRICTIONS
[View Restrictions](#)

Enroll Online

Enroll Online and receive 5% discount. For more information, or to order by phone, call (855) 270-3725.

Basic Internet

\$20.00 per month

EQUIPMENT
\$79.00 ?








DATA
3.2GB 4G data/month; speed slows if exceeded.

RESTRICTIONS
[View Restrictions](#)

Enroll Online

Enroll online and receive 5% discount. For more information, or to order by phone, call (855) 270-3725.

Data calculator

I Want to...		1GB	12GB
Stream Video		165 videos	1980 videos
Stream Music		570 songs	6840 songs
Download apps, games, and songs		255 downloads	3060 downloads
Post photos and video		2850 posts	34200 posts
Go online		600 webpages	7200 webpages
Send and Receive Email		2500+ emails	30000+ emails
Make phone calls via Skype		1020 minutes	12240 minutes

Computer Offers

Computer Offers



PRICE
\$162.00

TYPE
Desktop

SPECIFICATIONS
Desktop:

Dual Core 1.8 GHz+
2 GB Memory
80 GB Hard Drive
Windows 7 Pro
Microsoft Office Included
90 day warranty

[Click to Buy](#)



PRICE
\$202.00

TYPE
Laptop

SPECIFICATIONS
Laptop:

Core 2 Duo 1.4 GHz_
2 GB Memory
80 GB Hard Drive
Windows 7 Pro
Microsoft Office Included
90 day warranty

[Click to Buy](#)



PRICE
\$143.00

TYPE
Tablet

SPECIFICATIONS
Tablet:

7" Screen
Android Operating System

[Click to Buy](#)

Training Locations

Training Locations

VICKERY MEADOW LEARNING CENTER 1.34mi

1018 Gallagher St
Dallas, TX 75212
(214) 265-5057



[Get Directions](#)

LNESC DALLAS 2.80mi

345 S Edgefield Ave
Dallas, TX 75208
(214) 943-2528

[Get Directions](#)

NORTH OAK CLIFF BRANCH LIBRARY 3.09mi

302 W 10TH ST
DALLAS, TX 75208
(214) 670-7555
 Open To Public  Free Training

[Get Directions](#)

In Spanish

[CONECTA](#)[DESCUBRIR](#)[INVOLÚCRATE](#)[CONVIÉRTASE EN UN SOCIO](#)[BLOG](#)[CONNECT2COMPETE](#)[INGLÉS](#)

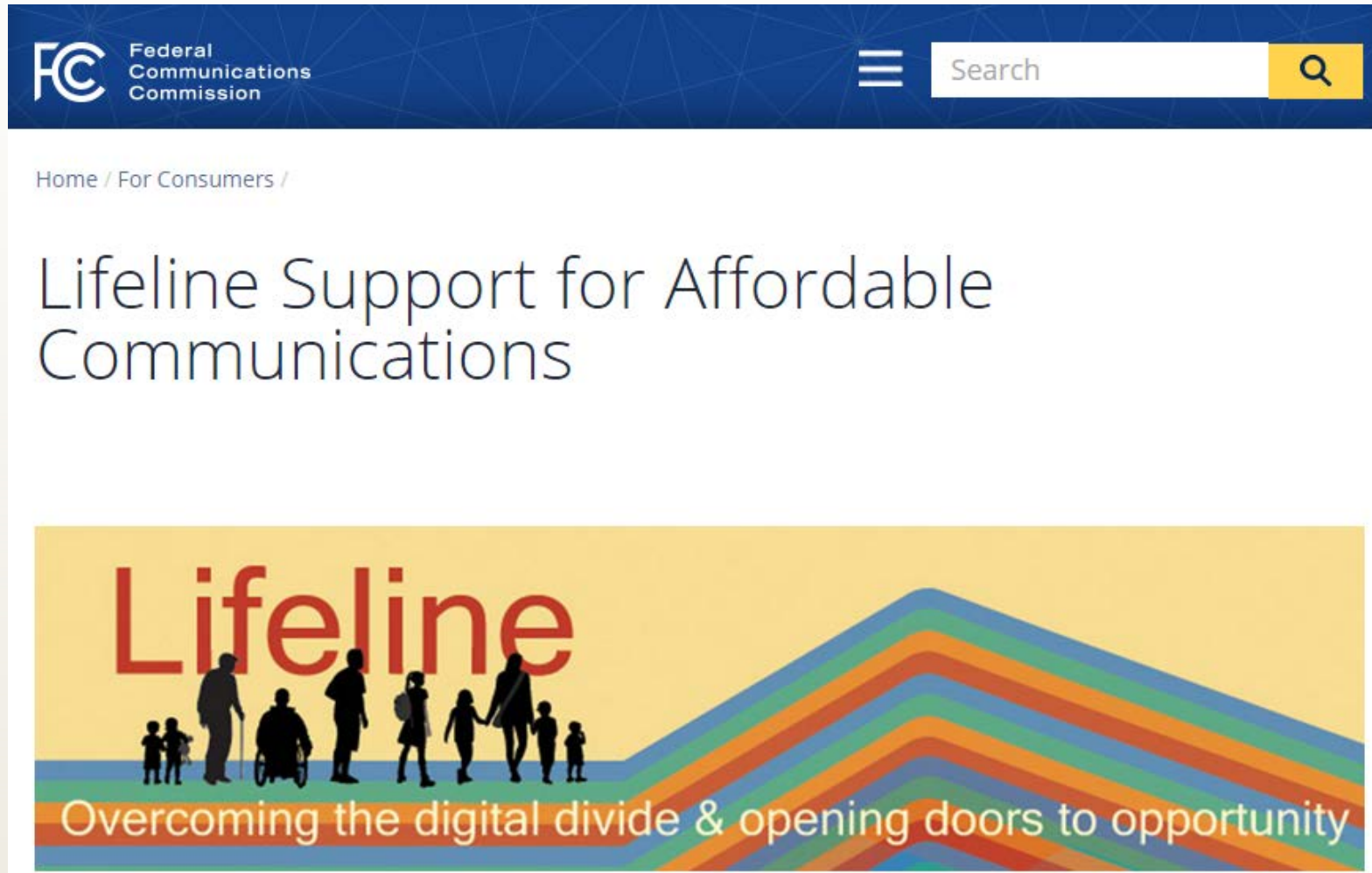
Conectese

A continuación ingrese su código postal para descubrir ofertas de computadoras a precios reducidos, servicios de Internet con un precio tan bajo como \$10 al mes, o cursos de computación gratuitos en su área.

[Encontrar ofertas](#)

 ¿Soy elegible?

FCC's Lifeline Phones to Broadband



<https://www.fcc.gov/consumers/guides/lifeline-support-affordable-communications>

Forthcoming - FCC Consumer Labels for Broadband

Broadband Facts

Mobile broadband consumer disclosure

Device Compatibility

If you want to use your existing device, learn more about [compatibility](#).

If you want to obtain a device, learn more about [prices and other options](#).

Choose Your Data Plan - These prices do not include costs for obtaining a device from us.

	High Speed Data allowance per month		
	1GB	3GB	5GB
Monthly charge	\$35.00	\$45.00	\$60.00
When you exceed the data allowance	\$10.00/Additional GB	Slowed speeds	NA

Learn more about [other included services/features](#).

Additional pricing options, plans and promotions [can be found here](#).

[Coverage Map](#)

Charges and Terms Common to All Plans

Monthly fees

Administrative fee	\$1.20
Regulatory fee	\$0.13

One-time fees

Activation fee	\$50.00
Deposit	\$50.00
Early termination fee	\$240.00

Government Taxes and Fees, and Other Carrier Surcharges May Also Apply: Varies by location

Performance - [Individual experience may vary](#)

3G		4G	
Typical speed 1.5 Mbps downstream / 600-900 Kbps upstream	•	Typical Speed 6-12 Mbps downstream / 3-6 Mbps upstream	
Typical latency Less than 120 milliseconds	•	Typical latency Less than 120 milliseconds	
Typical Packet Loss 0.08%	•	Typical Packet Loss 0.08%	

Network Management

Application-specific network management practices?	Yes
Subscriber-triggered network management practices?	Yes

More [details on network management](#)

Privacy

See our [privacy policy](#)

Complaints or Inquiries

To contact us: [online](#)/(123)456-7890;
To submit complaints to the FCC:
[online](#)/(888)225-5322

Learn more about the [terms used on this form and other relevant information](#) at the FCC's website.

LINCS Lesson Packet

Integrating Digital Literacy and
Problem Solving into Instruction

Lesson Packet

EASE OF USE



Bring Your Own Device

Not everyone is a network administrator!

Bring Your Own Device (BYOD)

- Pros:
 - People are familiar with own device
 - Can continue to work after class
 - No need to provide equipment
 - Any space can be a digital learning environment
- Cons:
 - May need specialized tech help
 - Incompatibility of soft or hardware
 - Wireless connectivity
 - Security concerns for network



Bookshare

Membership is for adults with print disabilities such as visual, physical, or severe learning disabilities.

Bookshare membership offers:

- Access to digital text that is delivered in custom formats such as audio, customizable text, digital Braille
- Reading software that facilitates study with annotations, dictionary, spellcheck, pronunciation guide
- Access to a library of over 300K materials

<https://www.bookshare.org>

RELEVANCE



Learner Center

Online gateway to resources from many different federal agencies and funded organizations.

LINCS Learner Center:

Resources accessed through the mobile friendly site can help adult learners improve:

- reading, writing, math, science, and English skills;
- build job skills;
- acquire an understanding of American government and history to obtain citizenship;
- find a nearby adult education, computer training, or postsecondary education or training program.

<https://learner.lincs.ed.gov/>

LINCS Digital Literacy Initiatives

Investigate Digital Literacy Initiatives

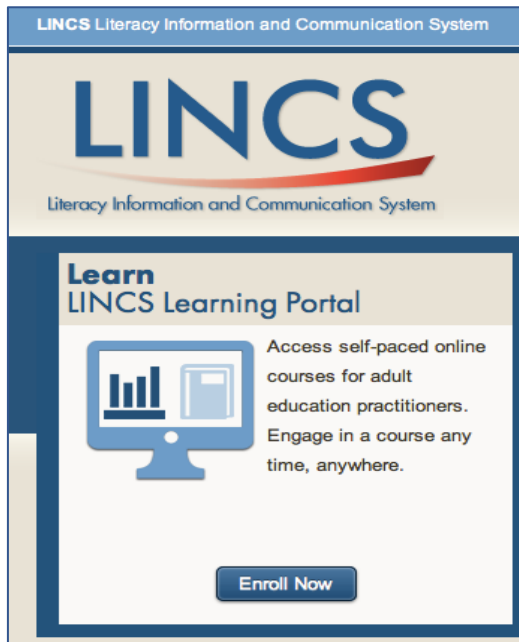
What is your focus?

- For Learners
- For Teachers
- For Programs

Go to LINCS Digital Literacy Initiatives at
<https://lincs.ed.gov/programs/digital-literacy>

Or tinyurl.com/LINCSDL

CONFIDENCE



Confidence

Grow yours!

Try a LINCS online course.

Join a community group.

LINCS Learning Portal

- 17 self-paced, no cost courses
 - Career Pathways
 - Adult ESL
 - Integrating Technology
 - Learning to Achieve
- Facilitated courses offered in cooperation with states and programs
- Certificates of completion
- Links to Community groups
- Currently hosts over 2K users

Integrating Technology Online Course

LINCS
Literacy Information and Communication System

My AccountContact Us

Report Technical Issue

Integrating Technology in the Adult Education Classroom

You are logged in as Heidi Silver-Paculla (Logout)

Home ▶ My courses ▶ LINCS Technology and Learning ▶ Integrating Technology

Navigation

Home

- My home
- My profile

My courses

- Learning to Achieve (L2A)
- LINCS Science
- LINCS Technology and Learning
 - Integrating Technology
 - Participants
- Teaching Excellence in Adult Literacy (TEAL)

Settings

Course administration

- Unenroll me from Integrating Technology
- Grades

My profile settings

Recent activity

Activity since Tuesday, February 11, 2014, 3:36 PM

Full report of recent activity...

Nothing new since your last login

Search forums

Integrating Technology in the Adult Education Classroom

Your progress ?

Welcome!

This course is designed for instructors who are at the beginner/intermediate level of knowledge of technology tools and technology integration in the classroom.

Introduction and Prerequisites

Open allClose all

Module 1: Why is Technology Important for Instruction and Learning?

Module 2: How Do You Approach Integrating Technology?

Module 3: What Tools Can You Use to Integrate Technology?

Conclusion

Appendix and References

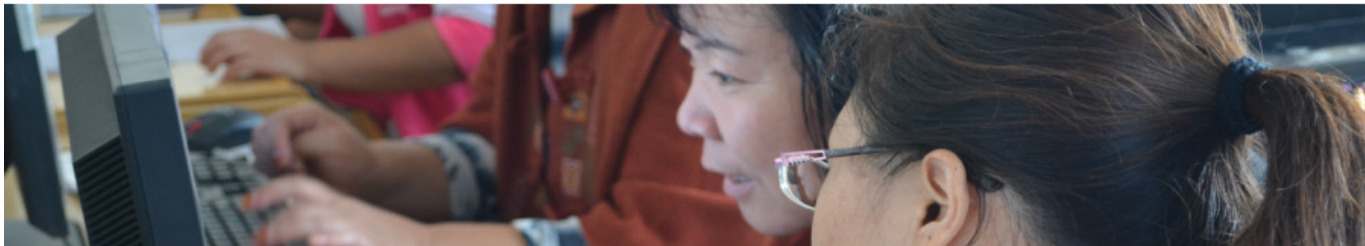
Tech Tips for Teachers

By World Education, LINCS Regional Professional Development Center

TECH TIPS FOR TEACHERS

[LESSON INDEX](#)

[ABOUT US](#)



JOBSCOUT: TAKE LESSONS. EARN BADGES. FIND WORK.

12/2/2014

[0 Comments](#)

Today's post by Christina Gagnier highlights a free online resource, developed by TRAIL in partnership with California State Library. Adult learners can use Job Scout to improve their digital literacy and look for work at the same time. This resource could be used in a classroom or library setting or as a resource for students to work through at home on their own.

Sixty million Americans do not know how to use the Internet. The ability to open a browser, conduct a search, send an email or connect with an old friend on a social network are all too often taken for granted. Engaging in some of these online activities may not seem critical, but they are fundamental to one's participation in the information economy. Online skills are not only necessary for seeking, applying for and getting today's jobs, but also to take advantage of the growing educational, civic and healthcare advances spurred by broadband.

TRAIL is an online education company dedicated to bringing people their first experience with the Internet. We partner with libraries, schools, social services offices, workforce development centers, and other trusted public institutions to offer our courses and features online. We built JobScout as a way for first-time Internet users to not access to digital literacy skills while allowing them to perform an essential task.



WORLD EDUCATION

This blog is intended for adult education teachers and tutors looking for straight-forward help on integrating technology into instruction. We hope that you find some inspiration here to try something new!

SUBSCRIBE

Enter your email address:

TechTipsForTeachers.weebly.com/

Integrating Digital Literacy into English Language Instruction

Professional Development

Federal Initiatives

Resource Collection

Regional Professional Development Centers

Publications

Learning Portal

Community

News

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Instruction

Integrating Digital Literacy into English Language Instruction

Share: [f](#) [t](#) [in](#) [✉](#) [🖨](#) [⋮](#)

Integrating Digital Literacy into English Language Instruction



This resource suite focuses on foundational digital literacy skills, the importance of digital literacy, and ways to integrate digital literacy into instruction with information and communication technologies.



Issue Brief - [Integrating Digital Literacy into English Language Instruction](#)



This brief describes research-based approaches to integrating technology and increasing digital literacy in a variety of English language learning environments to extend learning opportunities and develop digital literacy. Made for teachers, curriculum developers, program directors and others.

Professional Development Module

This interactive, self-access online resource is designed to give ESL instructors, curriculum developers, program

<https://lincs.ed.gov/programs/eslpro/integrating-digital-literacy-into-english-language-instruction>

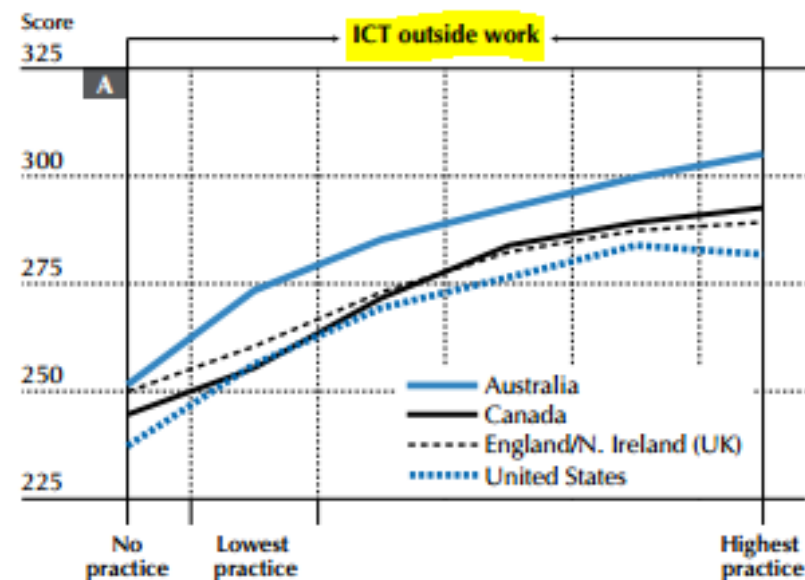
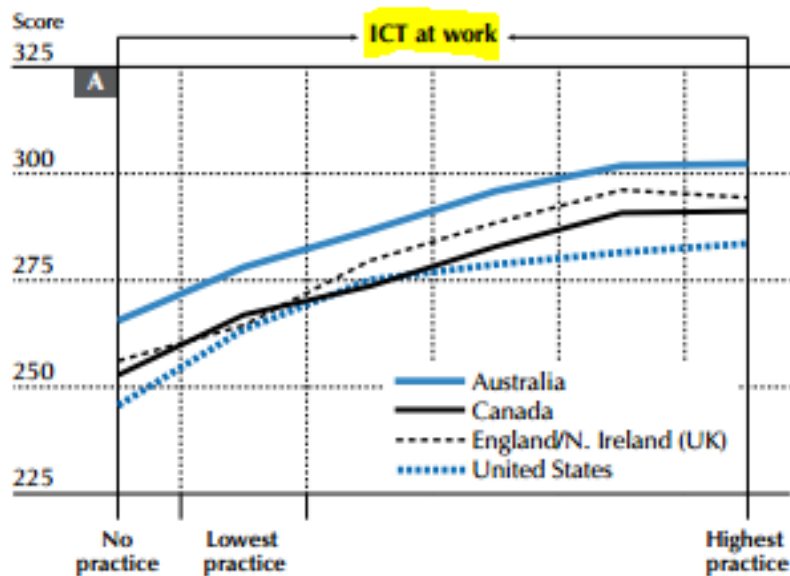
RESEARCH AND RESOURCES

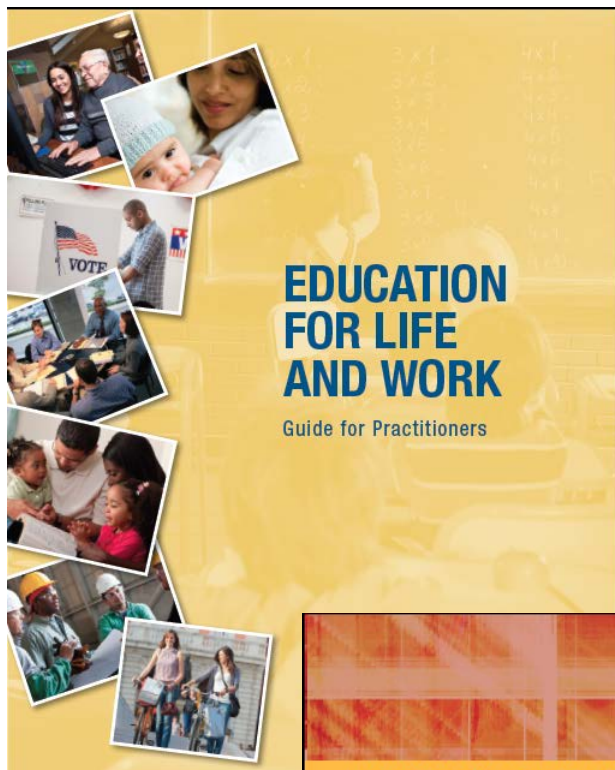


Lessons from learning science

- ✓ Active
- ✓ Deep
- ✓ Social
- ✓ Personalized
- ✓ Contextualized
- ✓ Trial and error
- ✓ Practice

Importance of access and use to skills





EDUCATION FOR LIFE AND WORK

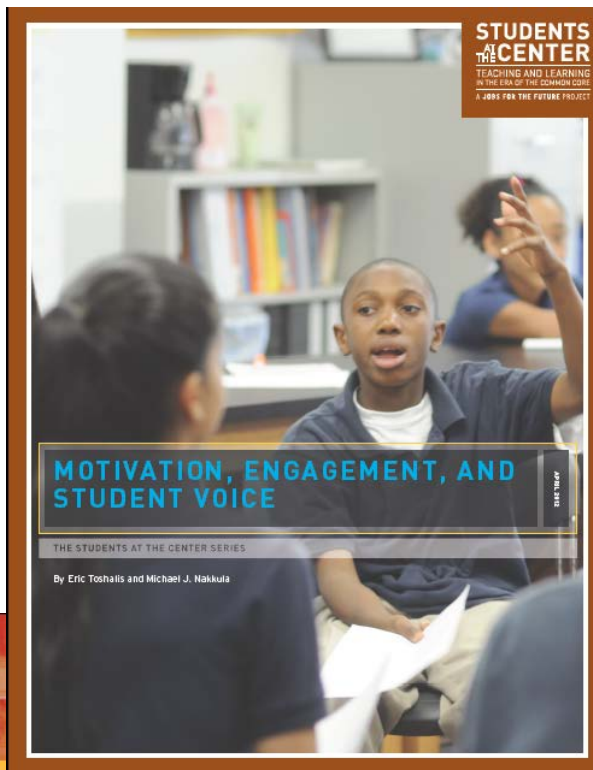
Guide for Practitioners



IMPROVING ADULT LITERACY INSTRUCTION

Supporting **LEARNING** and **MOTIVATION**

NATIONAL RESEARCH COUNCIL
OF THE NATIONAL ACADEMIES

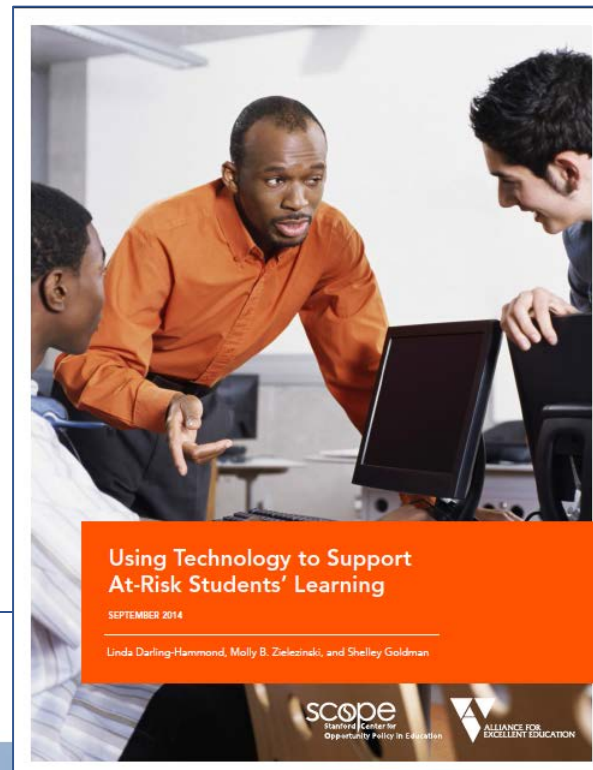


STUDENTS
AT THE CENTER
TEACHING AND LEARNING
IN THE ERA OF THE COMMON CORE:
A JOBS FOR THE FUTURE PROJECT

MOTIVATION, ENGAGEMENT, AND STUDENT VOICE

THE STUDENTS AT THE CENTER SERIES

By Eric Toshalis and Michael J. Nakkula



Using Technology to Support At-Risk Students' Learning

SEPTEMBER 2014

Linda Darling-Hammond, Molly B. Zielesinski, and Shelley Goldman

scope
Standard Examine
Opportunity Policy in Education

ALLIANCE FOR
EXCELLENT EDUCATION



Fueling the Race to Postsecondary Success:

A 48-Institution Study of Prior Learning Assessment and Adult Student Outcomes

Executive Summary

CAEL
The Council For Adult & Experiential Learning

Resources

- [Connected Teaching and Personalized Learning](#), AIR (2013)
- [Education for Life and Work](#), National Academies Press (2012)
- [Fueling the Race to Postsecondary Success](#), Council of Adult and Experiential Learning (2010)
- [Improving Adult Literacy Instruction: Supporting Learning and Motivation](#), National Academies Press (2012)
- [Motivation, Engagement, and Student Voice](#), Jobs for the Future (2012)
- [Opportunity for All](#), IMLS (2010)
- [Using Technology to Support At-Risk Students' Learning](#), SCOPE and Alliance for Excellent Education (2014)
- [Who's Online Where \(WOW\) Index](#), OCTAE (2014)

National Educational Technology Plan



OFFICE OF
Educational Technology

Future Ready Learning

Reimagining the Role of Technology in Education

2016 NATIONAL EDUCATION TECHNOLOGY PLAN

U.S. DEPARTMENT OF EDUCATION
<http://tech.ed.gov>

<http://tech.ed.gov>

U.S. DEPARTMENT OF EDUCATION

2016 NATIONAL EDUCATION TECHNOLOGY PLAN

<http://tech.ed.gov/netp/>

What is one thing you plan to do at your program?

1. Take a minute to answer the questions to the right.
 2. Share your plan with the person beside you.
- Which resource:
 - Who:
 - When:
 - How:
 - Notes:

Contact Information

- Steve Quann - steve_quann@worlded.org

LINCS Website: <http://lincs.ed.gov/>
LINCS Help: info@lincs.ed.gov

Final thoughts and questions?



Evaluation

- Please complete the LINCS evaluation survey.

This workshop was supported under the LINCS Regional Professional Development Center for Adult Education, PR/Award Number V191B1100002, administered by the Office of Career, Technical, and Adult Education, U. S. Department of Education. However, the contents do not necessarily represent the positions of policies of the Office of Career, Technical, and Adult Education or the U.S. Department of Education, and you should not assume endorsement by the Federal Government.

Thank you!

And thanks for your participation!