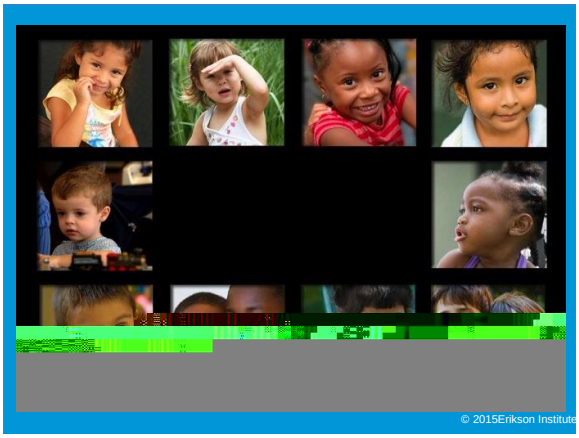


© 2015Erikson Institute

TEC Center Webinar Series

New Research on Teacher Practices and Use of Technology in the Early Childhood Classroom

December 1, 2015

TEC Center
Technology in Early Childhood

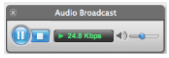
Chip Donohue, Ph.D.
ErinSilva, M.A.

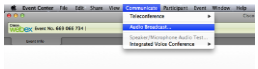
erikson
Continuing Education

© 2015EriksonInstitute

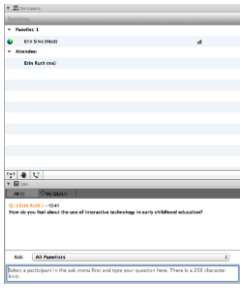
WebEx How To

You will automatically be connected the Audio Broadcast with your computer





Ask questions in the Q&A panel



erikson
Continuing Education

Erikson Institute Continuing Education

- Special events, with national speakers
- Half and full day face-to-face workshops and series
- Webinars
- Online modules
- Customized training
- Consultation and protracted training

Learn more:
www.erikson.edu/ce

erikson
Continuing Education

Certificate of Attendance

- We will announce a link at the end of the webinar
- You must copy down the link to retrieve your certificate
  - Enter the link into your browser to access the certificate
- You will also receive a follow up email that will include a link to the certificate
- Certificates are in PDF format
- If you watch the recording you can write down the link at the end of the playback and enter it into your browser.
- Sorry, we do not offer support for certificates of attendance, please no emails or calls

erikson
Continuing Education

Receiving Credit

- Erikson Institute can provide continuing education credit for a fee. Certificates of attendance are not credit bearing they are simply clock hours.
- **To receive continuing education credit for this webinar, you *must* complete the post-survey. This certifies you completed the webinar.**
  - The survey will pop up automatically in your browser when the webinarends and you close the webinar window.
- After the webinar a unique link will be included in the follow up emails if you wish to purchase credit.
- Questions can be directed to:

  Webinars@Erikson.edu

  312-893-7171

erikson
Continuing Education

Technology and Interactive Media as Tools in Early Childhood Programs Serving Children from Birth through Age 8

A joint position statement of the National Association for the Education of Young Children and the Fred Rogers Center for Early Learning and Children's Media at Saint Vincent College

naeyc

FRED ROGERS CENTER
for early learning and children's media
at Saint Vincent College

erikson
TEC Center

From the Joint Position Statement

Digitallyliterate educators who are grounded in child development theory and developmentally appropriate practices have the knowledge, skills, and experience to select and use technology tools and interactive media that suit the ages and developmental levels of the children in their care, and they know when and how to integrate technology into the program effectively.

erikson
TEC Center

From the Joint Position Statement

To make informed decisions regarding the intentional use of technology and interactive media in ways that support children's learning and development, early childhood teachers and staff need information and resources about the nature of these tools and the implications of their use with children

erikson
TEC Center

Follow Fred's lead…Use tech "with" rather than "instead of"

We have to help give children tools, building blocks for active play. And the computer is one of those building blocks. No computer will ever take the place of wooden toys or building blocks. But that doesn't mean they have to be mutually exclusive.

erikson
TEC Center

New Research on Teacher Practices and Use of [redacted]

Courtney Blackwell, Ph.D.

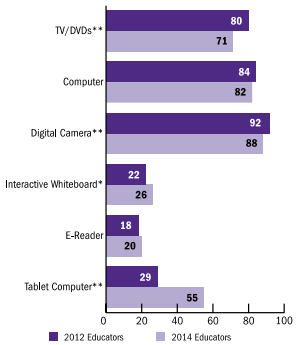
- Her research focuses on the integration of technology in early childhood education, including teacher practices with technology and the effect of technology on student achievement.
- Recent publications include empirical research articles in *Computers & Education* and the *Journal of Broadcasting and Electronic Media*. S
- Dr. Blackwell recently graduated from the Media, Technology, and Society program at Northwestern University where she worked with Dr. Ellen Wartella.
- She also earned her Master's in Education at the Harvard Graduate School of Education and her B.A. in English and Theatre at Northwestern University.

erikson
TEC Center

Webinar Goals

- What influences teachers' tech use?
- How does tech effect teaching and learning?
- What are effective tech implementation strategies to support young children?

Current ECE Tech Access



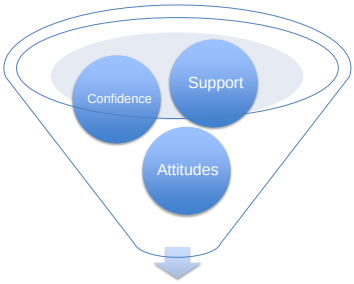
Current ECE Tech Use

	Never	Less than once a week	At least once a week
TV/DVDs	41%	42%	16%
Computers	25%	26%	49%
Digital Cameras	7%	25%	68%
Interactive Whiteboards	26%	19%	56%
E-readers	63%	16%	22%
Tablet Computers	21%	22%	58%

What influences your tech use?

- Policy recommendations
- Professional development
- School tech policy
- Access to hardware/software
- Time
- Confidence
- Attitudes
- Pedagogy

All Components Matter to Some Extent



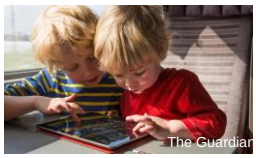
Effect of Tech on Teaching & Learning

- How are tablets used?
- Effects of 1:1 vs. paired

How Are Tablets Used?

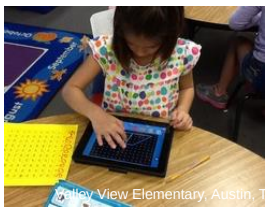
Mobile Portland

The Guardian


The Guardian

Wake Forest Univ.

1:1 vs. Paired Tablets


Valley View Elementary, Austin, T

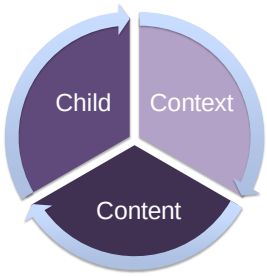
The Daily Mai

1:1 Tablets

Denver Post

Paired Tablets

Strategies to Integrate Technology



Lisa Guernsey's *Screen Time*

The Child

- Age
- Developmental level
- Individual dispositions
- Out-of-school technology opportunities

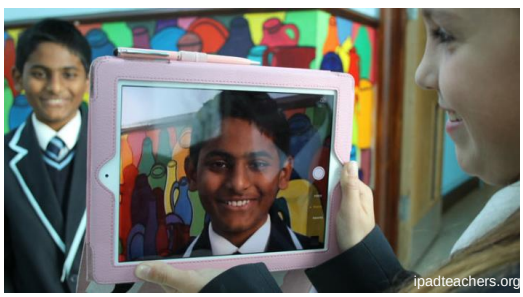
The Content

Guernsey, Levine, Chiong & Stevens, 2014

How to Choose An App

- Quality content
- Interactive…but not distracting
- Scaffolding
- Text-to-speech
- Opportunities for collaboration and social interactions
- Open-ended content
- No banner/pop-up ads or external weblinks
- Freemium or paid

Non-App Content



The Context

- Student-Centered
- Joint Media Engagement
- 1:1 vs. Paired
- Small group vs. Whole group

Fred Rogers/NAEYC Tech Integration Checklist

- Intentional Use
- Developmentally appropriate
- Well-planned
- Physical environment
- Joint engagement, collaboration, conversation
- Connect to non-digital world
- Strengthen home-school connections
- All children
- Online resources and PD
- Leader support
- Evaluate & Reflect

http:// www.fredrogerscenter.org/2014/02/24/ten-questions-for-educators-to-ask-when-using-technology-with-young-childre/

Technology is a Tool

Thanks!

ckblackwell@uchicago.edu

This webinar is the property of Erikson Institute and should not be reproduced, reused, rebroadcasted or redistributed without the express written consent of Erikson Institute.

erikson
Continuing Education

©Erikson Institute 2015

Upcoming Conversations/Webinars

- **When the World Is a Scary Place: Talking with (and Listening to) Kids About Distress**
  with BarbaraKoluckiand Tamara Kaldor
  December 16, 2015
  9:00am– 10:30am CST
- **2016 Webinar Series coming soon!**

Check out our complete offerings by visiting:
www.erikson.edu/ce

erikson
Continuing Education

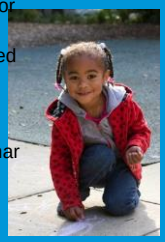
© 2015Erikson Institute

Thank You!

Reminder:

To receive continuing education credit for this webinar, you must complete the post-survey. This certifies you completed the webinar.

The survey will pop up automatically in your browser when you close the webinar window.



erikson

Follow us!