Teaching with Technology: Guidelines from the NAEYC/FRC Position Statement

Chip Donohue
Roberta Schomburg

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Tec Track sponsored by the TEC Center
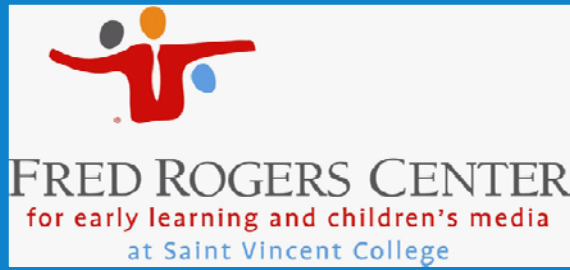Produced by Early Childhood Investigations

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Follow Fred's lead

I went into television because I hated it so, and I thought there was some way of using this fabulous instrument to be of nurture to those who would watch and listen.

Suggested Tweet!

#TEC_Center @chipdono @RLSchomburg say follow Fred's lead - embrace tech to support child development @NAEYC @FredRogersCtr @ECEWebinars

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

http://www.naeyc.org/content/technology-and-young-children

"Ensure equitable access to the same technology and media for each and every child in an early childhood program and, to the extent possible, for their parents and families"

Jerlean Daniel
Executive Director
NAEYC

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The position statement asks us to consider the potential of technology and interactive media for helping to develop the critical thinking, creativity, communication skills, and content knowledge that will equip young children to be problem solvers in their present and in their future."

Rita Catalano
Executive Director
Fred Rogers Center

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http://margaret-powers.com/2012/03/09/technology-and-interactive-media-as-tools-in-early-childhood/

Our Keywords

- Tools
- Intentional
- Appropriate
- Effective
- Integrated
- Balanced

- Interactive
- Engaging
- Co-Engagement
- Access
- Equity
- Select, Use, Integrate, Evaluate
- Professional development

Courtesy of the University of Maine Center for Community Inclusion and Disability Studies

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Suggested Tweet!

#TEC_Center @chipdono and RLSchomburg keywords = tools intentional appropriate integrated balanced @FredRogersCtr @NAEYC @ECEWebinars

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What do we mean by technology?
Old & new / analog & digital / low & hi-tech

http://tabletworld.in/newsdetails?id=30

http://www.supersonicinc.com/Portable_Audio/fuseaction/ViewProductDetails/ProductID/3,3862597

http://www.hatchearlychildhood.com/

http://www.the-cameras.com/what-is-the-best-digital-camera-similar-to-professional-cameras/

http://www.brightminds.co.uk/science-toys/microscopes-for-kids.htm

http://www.babble.com/products/toddler-preschool-products/fisher-price-

http://www.couponsaver.org/computer-hardware-coupons-codes.html

http://itdl.darton.edu/forms/help_page.htm

What is the position?

Technology and interactive media are tools that can promote effective learning and development when they are used intentionally by early childhood educators, within the framework of developmentally appropriate practice, to support learning goals established for individual children.

Children's experiences with technology and interactive media are increasingly part of the context of their lives that must be considered as part of the developmentally appropriate framework.

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What are the recommendations?

- Select, use, integrate, and evaluate technology and interactive media in intentional and developmentally appropriate ways...and focus on the appropriateness and the quality of the engagement

- Provide a balance of activities in programs for young children

- Understand the limits of technology...Give careful consideration to technology with infants and toddlers...Discourage passive use...Be aware of public health concerns

- Provide leadership to ensure equitable access to technology and interactive media experiences

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Insert Poll Question 1 here

To be more intentional and appropriate with technology I need to know more about how to:

Select technology

Use technology

Integrate technology

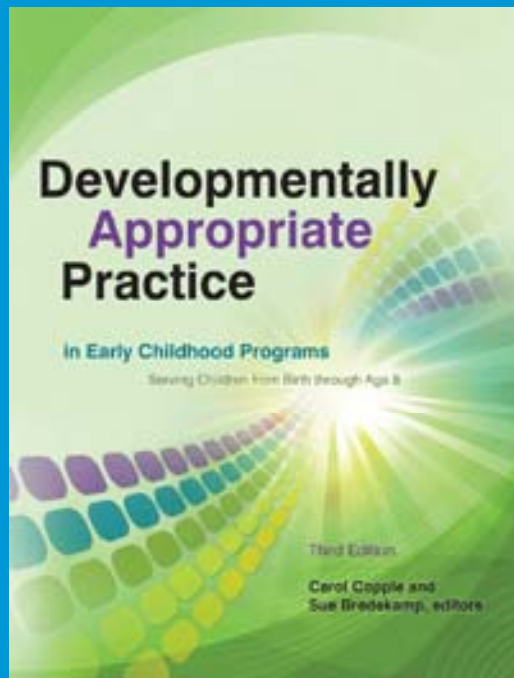Evaluate technology

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What are the key messages?

- When used intentionally and appropriately, technology and interactive media are effective tools to support learning and development

- Intentional use requires early childhood teachers and administrators to have information and resources regarding the nature of these tools and the implications of their use with children.

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What are the key messages?

- Limitations on the use of technology are media are important.

- Special considerations must be given to the use of technology with infants and toddlers.

- Attention to digital citizenship and equitable access is essential.

- Ongoing research and professional development are needed.

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How does DAP inform practice?

Developmentally Appropriate Practice

In Early Childhood Programs
Serving Children from Birth through Age 8

Third Edition
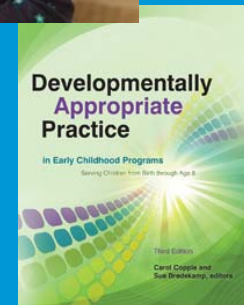
Carol Copple and
Sue Bredekamp, editors

- DAP framework offers guidance in using technology with young children

- First and foremost, Developmentally Appropriate Practice should guide the use of technology and interactive media

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Chat with us…post your questions and comments about DAP and technology

How can early childhood educators connect what they know about developmentally appropriate practice to inform the use of technology with young children?

Developmentally Appropriate Practice

In Early Childhood Programs
Serving Children from Birth through Age 8

Third Edition

Carol Copple and
Sue Bredekamp, editors

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DAP considers

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- Individualized needs

- Age & developmental level

- Social & cultural background

DAP recognize the unique talents and interests of each child

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DAP empowers children to reflect, question, create

Courtesy of Cassandra Mattoon

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DAP honors the value of relationships between children and the adults in their lives

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What are the benefits?

When used **intentionally** and **appropriately**, technology and interactive media are additional tools for learning and development

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What are the benefits?

- Technology and media can enhance children's cognitive and social abilities

- Supports inclusive practice by providing adaptations for children with special needs in least restrictive settings

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What are the benefits?

- Enhances early childhood practice when **integrated** into the environment, curriculum, and daily routines

- Can help educators make and sustain home-school connections

Courtesy of Cassandra Mattoon

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What are the benefits?

- Intentional use of technology and interactive media must be based on information and resources regarding the nature of these tools and the implications of their use with young children

Courtesy of the University of Maine Center for Community Inclusion and Disability Studies

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...When the integration of technology and interactive media in early childhood programs is built upon solid developmental foundations and early childhood professionals are aware of both the challenges and the opportunities, educators are positioned to improve program.

Professional judgment guides

- Selection

- Use

- Integration

- Evaluation...of technology and interactive media

http://fg.ed.pacificu.edu/Site/Home.html

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What do educators need?

- On-going professional development

- Pre-service preparation

- Hands-on opportunities to play

- Communities of practice

- New and ongoing research

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Digital Citizenship for Educators

http://fg.ed.pacificu.edu/Site/Home.html

- Model appropriate uses of technology and interactive media

- Help children learn to think critically about these tools and the content they deliver

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What are some examples of effective practice?

http://fg.ed.pacificu.edu/Site/Home.html

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Chat with us…share your best practices with tech and young children

Briefly describe one way you are using technology effectively, appropriately and intentionally in your classroom/program.

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Suggested Tweet!

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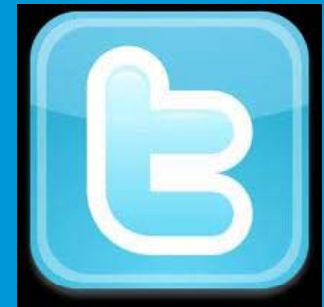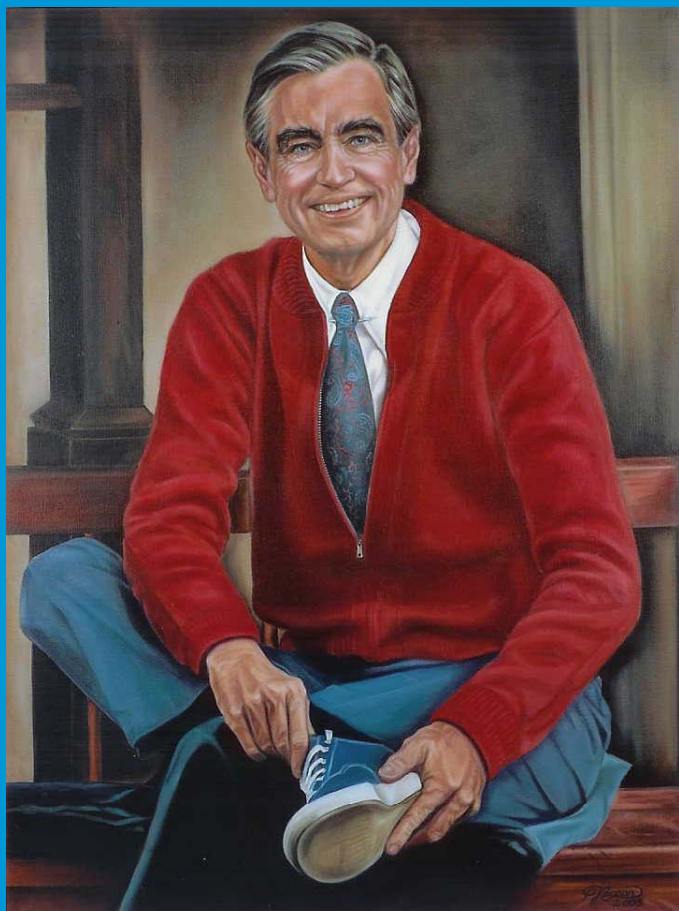
"Please think of the children *first.* If you ever have anything to do with their entertainment, their food, their toys, their custody, their day or night care, their education – listen to the children, learn about them, learn from them. *Think of the children first.*"

The World According to Mister Rogers

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#TEC_Center @chipdono @RLSchomburg implement @NAEYC @FredRogersCtr statement and identify/share effective practices @ECEWebinars

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