Intentional and Appropriate Use of Technology Tools and Interactive Media: The NAEYC and the Fred Rogers Center Position Statement

Presented by:
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Intentional and Appropriate Use of Technology Tools and Interactive Media:

NAEYC/Fred Rogers Center Joint Position Statement

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About Erikson Institute

Our vision is that every adult who works with young children or on their behalf will be knowledgeable, aware, skilled, and alive to the possibilities of each child’s life.
About Erikson Institute

Our values

• Relationship-based education
• Commitment to social justice
• Diversity
• Complexity
• High standards and excellence

*It all depends...*
Erikson, child development & children’s media – current context

- **NAEYC/Fred Rogers Center** – *Joint Position Statement*
- **Fred Rogers Center** – *Framework for Quality Digital Media for Young Children, ELE Early Learning Environment*
- **American Academy of Pediatrics** – *Policy Statement on Media Use by Children Younger Than 2 Years*
- **Common Sense Media** – *Zero to 8: Children’s Media Use in America*
- **Joan Ganz Cooney Center at Sesame Workshop** – *Taking a Giant Step: A Blueprint for Teaching Young Children in a Digital Age*
- **EriksonOnline & TEC Center** – Technology and distance learning methods for early childhood teacher education and professional development
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!

#EETCCConf @chipdono @TEC_Center follow Fred & embrace tech to support child development @FredRogersCenter @FSSimon @KarenNemethEdM @ecetech
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

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What’s in a name?

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

- Technology
- Interactive media
- Tools
- Early Childhood Programs
- Birth through age 8 (Birth-2, 3-5, 6-8)
Our Keywords & Tags

- Tools
- Intentional
- Appropriate
- Effective
- Integrated
- Balanced
- Interactive
- Engaging
- Co-Engagement
- Access
- Equity
- Select, Use, Integrate, Evaluate
- Professional development
Suggested Tweet!

#EETCConf @chipdono @TEC_Center keywords tools intentional appropriate integrated balanced @FredRogersCenter @buckleit @FSSimon @KarenNemethEdM
...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 quality by intentionally leveraging the potential of technology and media for the benefit of every child.
Technology and Media in Early Childhood Programs

Throughout the process of researching and writing this position statement, we have been guided by the legacy of Fred Rogers. By appropriately and intentionally using the technology of his day – broadcast television – to connect with each individual child, and with parents and families, Fred Rogers demonstrated the positive potential of technology and media that are grounded in principles of child development.
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.
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.
The Issues

• Technology and interactive media are here to stay.

• There are concerns about whether young children should have access to technology and screen media in early childhood programs.

• All screens are not created equal.
The Issues

• There is conflicting evidence about the value of technology to children’s development.

• The appeal of technology can lead to inappropriate uses in early childhood settings.

• Issues of equity and access remain unresolved.
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.
Principles to Guide Appropriate Use

- Above all, the use of technology tools and interactive media should not harm children.
- Developmentally appropriate practices must guide decisions about whether and when
- Professional judgment is required
- Developmentally appropriate teaching practices must always guide the selection of any materials for the classroom
Principles to Guide Appropriate Use

• Appropriate use depends on the age, developmental level, needs, interests, linguistic background, and abilities of each child.

• Effective uses of technology and media are active, hands-on, engaging, and empowering; give the child control; provide adaptive scaffolds to ease the accomplishment of tasks; and are used as one of many options to support children’s learning.
Principles to Guide Appropriate Use

• When used appropriately, technology and media can enhance children’s cognitive and social abilities.
• Interactions with technology and media should be playful and support creativity, exploration, pretend play, active play, and outdoor activities.
• Technology tools can help educators make and strengthen home–school connections.
Principles to Guide Appropriate Use

• Integrate technology into the environment, curriculum, and daily routines.

• Provide assistive technology to provide equitable access for children with special needs.

• Technology tools can be effective for dual language learners.
Principles to Guide Appropriate Use

• Digital literacy is essential to guide early childhood educators and parents in the selection, use, integration, and evaluation of technology and interactive media.

• Digital citizenship is an important part of digital literacy for young children.
Principles to Guide Appropriate Use

• Early childhood educators need training, professional development opportunities, and examples of successful practice to develop the technology and media knowledge, skills, and experience needed to meet the expectations set forth in this statement.

• Research is needed on how young children use and learn with technology and interactive media and to better understand both the short-term and the long-term effects.
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...Be aware of public health concerns.

• Provide leadership to ensure equitable access to technology and interactive media experiences for the children in your care and for their parents and families.
Suggested Tweet!

#EETCCConf @chipdono @TEC_Center select use integrate evaluate intentional appropriate balance limits leadership equity @FredRogersCtr @NAEYC #ECETechChat
Appropriate
Intentional
Interactive
Engaging

Technology and Interactive Media as Tools in ECE
Suggested Tweet!

#EETCCConf @chipdono @TEC_Center implement @NAEYC @FredRogersCtr statement and identify effective practices @buckleit @FSSimon @KarenNemethEdM #ECEtech
A neighborly reminder...

...Computers can be useful machines, especially when they help people communicate in caring ways with each other....

Dear Mister Rogers, Does It Ever Rain in Your Neighborhood?
Special thanks to Mark Bailey, the teachers and children from Early Learning Community, Pacific University

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