


Supporting Young Minds in a Digitally Enmeshed Era



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Outcomes:

- Recognize the culture of technology is ever changing
- Become aware of the impact of excessive technology use on children's development
- Examine the impact that technology can have on students' academic success
- Consider how to balance the use of technology to support the whole child

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How has technology changed over your life span?



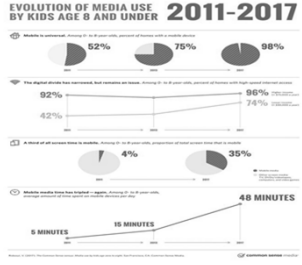
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Common Sense Media



<https://www.commonsense.org>

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American Academy of Pediatrics –
Age Recommendations

"Avoid digital media for toddlers younger than 18 to 24 months other than video chatting. For children 18 to 24 months, watch digital media with them because they learn from watching and talking with you. Limit screen use for preschool children, ages 2 to 5, to just 1 hour a day of high-quality programming."

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Research

Physical Development


Cognitive Development

Language Development

Social Emotional Development



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<https://www.abc.net.au/news/2016-10-27/should-children-be-using-digital-devices-at-preschool/7972268>


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Lisa Guernsey's 3Cs

Child


Content

Context



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Child *Refers to the age, interests, attention span, mood, and current state*



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Content *Refers to how the technology is relevant and meaningful to child's life and level of understanding*

How does it help children engage, express, imagine or explore?

What value will the content contribute to learning and development?

What will my child learn from this activity?

Are there negative ways that it could affect my child?

Is the content developmentally appropriate? (Can the child make sense of or learn from the activity?)

Is the activity something that I would want my child to imitate?

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Context *Refers to the purpose of the activity and what happens before, during and after your child uses the program*

How does it complement (not interrupt) children's natural play?

What hands on learning can be provided to extend on the technology experience?

Is my child really engaged and learning or just tapping buttons?

Am I taking the time to talk with my child about the activity? Can the two of us play together?

How can peer to peer collaboration support the experience?


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<https://youtu.be/oe9UO9rN7uA>

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Reflection



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“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.”


Mr. Rogers 1985



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“Our task is to help children communicate with the world using all their potential, strengths, and languages, and to overcome any obstacle presented by our culture.”

Loris Malaguzzi



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Resources




<https://www.commonsensemedia.org>



<https://www.fredrogerscenter.org/>



<http://teccenter.erikson.edu/>



<https://www.healthychildren.org>

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References

American Academy of Pediatrics. *Media and Young Minds*. Nov 2016, Volume 138. Issue 5.

Barr, R. McClure, E. Parlakian, R. 2018. *Zero to Three. Screen Sense, What the Research Says about the Impact of Media on Children Aged 0-3 Years Old*.

Caring for our Children. *National Health and Safety Performance Guidelines for Early Care and Education*. <http://nrckids.org/CFOC>

Common Sense. <https://www.common sense.org/>

NAEYC & Fred Rogers Center. 2012. *Technology and Interactive Media as Tools in Early Childhood Programs Serving Children from Birth Through Age 8*.

Straker, L., Zabatiero, J., Danby, S., Thorpe, K., & Edwards, S. *The Journal of Pediatrics. Conflicting Guidelines on Young Children's Screen Time and Use of Digital Technology Create Policy and Practice Dilemmas*. 2018. Volume 202. p 300-303

US Department of Ed & US Department of Health and Human Services. 2016. *Early Learning and Educational Technology Policy Brief*.
