



Using Technology and Interactive Media with Preschool-Age Children: Unit 7, Key Topic 2

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## Technology and Interactive Media

### Chapter 7 Key Topics

- Children and Electronic Media (pp 93-94)
- Technology and Interactive Media in the Preschool Environment (pp. 94-95)
- The Benefits and the Challenges of Using Technology and Interactive Media (pp. 95-97)

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## Technology and Interactive Media

### **Electronic media**

“Media that rely on technology to broadcast or store information. Examples include television, radio, DVDs, computers, the Internet, telephones, gaming consoles, and handheld devices.”

*California Preschool Program Guidelines, page 249*

## Technology and Interactive Media

### **Screen technologies**

“Electronic devices with which users view content through a screen. This category may include televisions, computers, smartphones, and tablets.”

*California Preschool Program Guidelines, page 250*

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### **Interactive media**

Electronic media content designed to facilitate active and creative use by young children and encourage social engagement with other children and adults (NAEYC and FRC 2012), including software programs, applications, broadcast media, the Internet, e-books, and television programming.

*California Preschool Program Guidelines, page 249*

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## Technology and Interactive Media

- What factors affect young children's accessibility to and use of different types of electronic media?
- What observations have you made or what do you know about children in your preschool program or living in your community with regard to access to technology and electronic media?

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## Technology and Interactive Media



### Brainstorm

What questions might parents have about the use of electronic media in the preschool classroom?

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- Review pages 93–97 of the *California Preschool Program Guidelines*.
- Develop a **presentation to share with parents**, including:
  - Why and how electronic media is being used in their children's classroom.
  - Aspects parents can consider in using electronic media at home.

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## Technology and Interactive Media

- ✓ Presentations can be any format:  
newsletter article, oral presentation,  
information/letter sent home, fact sheet, or  
poster on a bulletin board.
- ✓ Incorporate key messages that you  
want to share with parents.
- ✓ Ensure your presentation is visually  
interesting.

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## Technology and Interactive Media



### **Interview**

Ask parents what questions they have  
about the use of electronic media in the  
preschool classroom.

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## Technology and Interactive Media

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- What images or phrases are still resonating with you from the presentations?
- What appealed to you? What felt more difficult to understand?

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- What did you learn from developing your group's presentation? What did you learn from your classmates' presentations?
- What will you take from these presentations if you were asked to discuss with parents the use of technology and electronic media in your classroom?

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- Which ideas stood out most for you?
- What seemed familiar or reinforced what you already know or have experienced? What gave you a new perspective or insight that causes you to think differently about teaching preschool children and/or engaging their families?

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- Why do you think the content of this class session was presented the way it was? How did this approach help you understand the content? What else would have helped?
- What does this tell you about how you learn?

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- How will you decide what to apply from this class session in your work with preschool children and families?
- What will you do to ensure you will implement what you have decided to use?

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- ✓ Identify a research question from the list of parent questions that you would like to know more about.
- ✓ Find at least 3 articles on the question through a brief literature review.
- ✓ Write a 2-3 page paper providing a response to the question.

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### **The paper should include:**

- A clearly stated research question.
- A summary of each article, including key points and how the article addresses the question.
- Your response to the question based on the research.
- Your reflection on or thoughts about the question and research articles.

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- ✓ Locate sources for information about technology and media use that could be shared with parents of young children.
- ✓ Identify several *specific* resources to share with families of preschool children.

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- ✓ Make a detailed list that includes:
  - a description or sample of each resource.
  - a brief explanation of why the resource was selected.
  - how you would use the resource.

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### **Information for Families**

- Center on Media and Child Health  
<http://cmch.tv/parents/>
- Children's Technology Review  
<http://childrenstech.com/>

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## Technology and Interactive Media

### **Information for Families**

- Fred Rogers Center for Early Learning and Children's Media  
<http://www.fredrogerscenter.org/category/family/>
- TEC Center at Erikson Institute: Technology in Early Childhood  
<http://teccenter.erikson.edu/category/families/>