

CONTENTS

<i>Contributors</i>	vii
<i>Preface</i>	ix
<i>Media Use as a Context for Cognitive Development: What Is and Should Be Known?</i>	xi
Section 1 Young Children’s Learning From Digital Media	1
1. Screen Media and the Youngest Viewers: Implications for Attention and Learning	3
Mary L. Courage	
2. Early Digital Literacy: Learning to Watch, Watching to Learn	29
Georgene L. Troseth, Gabrielle A. Strouse, Colleen E. Russo Johnson	
3. The Effects of Parent-Child Interaction and Media Use on Cognitive Development in Infants, Toddlers, and Preschoolers	53
Tiffany A. Pempek, Alexis R. Lauricella	
4. Plugging Into Word Learning: The Role of Electronic Toys and Digital Media in Language Development	75
Rebecca A. Dore, Jennifer M. Zosh, Kathy Hirsh-Pasek, Roberta M. Golinkoff	
5. Parasocial Relationships With Media Characters: Imaginary Companions for Young Children’s Social and Cognitive Development	93
Sandra L. Calvert	
Section 2 Children and Adolescents’ Cognitive Skills as Enhanced Via Media	119
6. Young Minds on Video Games	121
Thomas E. Gorman, C. Shawn Green	
7. Playing With Virtual Blocks: <i>Minecraft</i> as a Learning Environment for Practice and Research	145
H. Chad Lane, Sherry Yi	
8. The Impact of Digital Media on Executive Planning and Performance in Children, Adolescents, and Emerging Adults	167
Alexander W. Fietzer, Stephanie Chin	
9. Immersive Virtual Reality and the Developing Child	181
Jakki O. Bailey, Jeremy N. Bailenson	

10. Digital Childhoods and Literacy Development: Is Textspeak a Special Case of an “Efficient Orthography”?	201
Clare Wood, Helen Johnson	
11. Bridging Theory and Practice: Applying Cognitive and Educational Theory to the Design of Educational Media	217
Shalom M. Fisch	
Section 3 Media Literacy as a Cognitive Skill	235
12. Understanding the Technical and Social Complexity of the Internet: A Cognitive Developmental Resource Perspective	237
Samantha Bordoff, Zheng Yan	
13. Measuring the Digital and Media Literacy Competencies of Children and Teens	253
Renee Hobbs	
14. Risks, Opportunities, and Risky Opportunities: How Children Make Sense of the Online Environment	275
Leslie Haddon, Sonia Livingstone	
Section 4 Policy and Practice Recommendations for Facilitating Learning From Media	303
15. Children’s Learning in a Mobile Media Environment: Policies, Practices, and Possibilities	305
Sarah E. Vaala, Amy B. Jordan	
16. How Parents Mediate Children’s Media Consumption	325
Yalda T. Uhls, Michael B. Robb	
<i>Index</i>	<i>345</i>