



Exploring Science and Mathematics in a Child's World

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Pearson, 2008. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: PART I Chapter 1: A CHILD'S WORLD How Young Children Learn INTRODUCTION Implications for Adults A Child's World of Cause and Effect Creating Environments that Support Development How Emergence of Language Supports Mathematics and Science Learning Emergence of Symbolic Language Mathematics Development Pattern the underlying theme of all mathematic and science Sequence organization and order of succession of events and experiences Seriation organizing or ordering things in a logical way Spatial Relationships Object Permanence Sorting putting together items with like attributes Comparing noting similarities and differences between items or events Classifying One-to-One Correspondence Thinking Skills Observing Imagining Problem Solving Collecting and Organizing Data National Standards in Mathematics and Science Review and Discussion Questions CHAPTER 2: NURTURING CHILD DEVELOPMENT Environments that Promote Learning INTRODUCTION Creating a Culture of Caring: The Teacher's Role Valuing Children and Childhood Safety within a Caring Culture Play Providing Emotional Security Being Responsive Constructing Meaning through Misconceptions Building a Sense of Community Families and Schools Together Children's Questions and Curiosities Experiencing Newness Encouraging Wonder and Discovery Teachers' Roles in Creating a Curious Classroom Wiggle Room and Opportunities for Movement Creating an...



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