


# Math and Science for Young Children


By Rosalind Charlesworth



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MATH AND SCIENCE FOR YOUNG CHILDREN, Eighth Edition, is an introduction to engaging math and science experiences for early childhood and early elementary education programs, and provides an organized, sequential approach to creating a developmentally appropriate math and science curriculum. The content aligns with key guidelines and standards: The National Association for the Education of Young Children's (NAEYC) Professional Preparation Standards (2010); Developmentally Appropriate Practice (DAP) guidelines; Common Core Mathematics Standards; and Next Generation Science Standards (NGSS). The book also addresses STEM/STEAM and the essential domains of child growth and development during the crucial birth-through-eight age range. A valuable resource for the student/future teacher, working professional, or involved parent, MATH AND SCIENCE FOR YOUNG CHILDREN emphasizes the interrelatedness of math and science and how they can be integrated into all other curriculum areas.

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## **Math and Science for Young Children** By Rosalind Charlesworth Bibliography

- Sales Rank: #428895 in Books
- Brand: imusti
- Published on: 2015-02-03
- Original language: English
- Number of items: 1
- Dimensions: .80" h x 8.40" w x 10.70" l, .0 pounds
- Binding: Paperback
- 656 pages

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### Editorial Review

#### Review

"This is a comprehensive text that addresses children's math and science learning in a developmentally appropriate way. Attention is given to current research, relevant issues, and innovative approaches to teaching young children. The foundations of math and science learning are presented clearly and then integrated in a way that can be applied to an early childhood setting for children in preprimary and primary grades."

"This text provides students with a clear understanding of basic science and math concepts, as well as support for translating this information into classroom practice."

#### About the Author

Rosalind Charlesworth, Ph.D., is professor emerita and retired department chair in the Department of Child and Family Studies at Weber State University in Ogden, Utah. During her tenure at Weber State University, she worked with the faculty of the Department of Teacher Education to develop continuity from preprimary to primary school in the program for students in the early childhood education licensure program. She also contributed as a guest presenter in the Elementary Mathematics Methods class. Dr. Charlesworth is known for her contributions to research on early childhood teachers' beliefs and practices. She taught courses in early education and child development at other universities before joining the faculty at Weber State University. In 1999, she was the co-recipient of the NAECTE/Allyn & Bacon Outstanding Early Childhood Teacher Educator award. In 2014 she received the Legacy Award from the WSU Child and Family Studies Department in recognition of her contributions to early childhood education. Dr. Charlesworth has provided service to the field through active involvement in professional organizations and is currently on the editorial board of the Early Childhood Education Journal.

### Users Review

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