



# Mathematics Methods for Elementary and Middle School Teachers

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Wiley, 2004. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Chapter 1: Mathematics Education Today (and into the Future).How Do You Think about Mathematics?What's Your Attitude?The Standards Movement in Mathematics Education.The NCTMPrinciples and Standards (2000.)The Guiding Principles.Equity Principle.Mathematics Curriculum Principle.Teaching Principle.Learning Principle.Assessment Principle.Technology Principle.Recent Changes.The New Curriculum Process Standard CalledRepresentation.Curriculum Standards Condensed in Number.Grade Levels Divided into Smaller Clusters.More on the NCTM Standards.Support for Teaching the NCTM Standards.Curricula Projects.Responses to the Call for Standards.National Council for the Accreditation of Teacher Education.TIMSS.Opposition to the Standards Movement.Where's Mathematics Learning Today?Learning Styles and Children's Preexisting Mathematical Knowledge.Active Learning.Assessment.The Evaluation Efforts of the NCTM.Assessment of Teachers: Praxis? Exams.Technology.The Internet and the World Wide Web.Calculators.Other Current Trends.What's Next? Summary.Praxis IIA?-Style Questions.Multiple-Choice Format.Constructed-Response Format.Integrating Technology.Video Vignettes.Observations of Good Teaching with the Standards.Internet.WebQuest. Design Your Own Virtual School Website.Chapter 2: Culturally Relevant

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