



## Science in the Multicultural Classroom: A Guide to Teaching and Learning (2nd Edition)

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By Barba, Robertta H.

Pearson, 1997. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: All chapters begin with "Points to Ponder," and "Graphic Organizer," and conclude with "Classroom Practice," "Chapter Summary," "Topics to Review," and "Reflective Practice." I. ADDRESSING DIVERSITY. 1. Science in the Multicultural Classroom: An Introduction. Science Education and Diverse Learners. The Nature of Science. Minority Participation in Science Careers. What's Wrong with the System? Addressing Equity Issues. 2. Motivation in the Multicultural Science Classroom. Encouraging Children to Learn. 3. The History of Science: A Culturally Affirming Perspective. Our Point of View. II. CONSTRUCTING A KNOWLEDGE OF SCIENCE. 4. Ways of Knowing Science. Teaching and Learning. Thinking and Learning. 5. Groups in the Science Classroom. Learning as a Social Process. 6. Assessing Knowledge in the Science Classroom. Assessment and Evaluation. Evaluating Children's Understandings. Evaluating Teaching and Curriculum. III. DEVELOPING PEDAGOGICAL CONTENT KNOWLEDGE. 7. Instructional Strategies for Culturally Diverse Learners. Children's Understanding. Instructional Strategies. 8. Constructing a Knowledge of Science and Language. Interactive Science Instruction. 9. Constructing a Knowledge of Science Processes. Science Should Be Taught. . . Research Regarding Science Processes. Basic Science Processes. Integrated Processes. 10. Technology in the Multicultural Classroom. Technology in Science Teaching and Learning. Changes in Software. IV. TEACHING...

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