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13 Teaching ""Science Teaching"" Through Inquiry 14 The Elementary Science Teacher as Researcher; 15 Cultural Considerations; 16 Employing Case-Based Pedagogy Within a Reflection Orientation to Elementary Science Teacher Preparation; 17 Models of Elementary Science Instruction: Roles of Science Specialist Teachers; 18 Future Directions in Elementary Science Teacher Education: Conclusion; Author Index; Subject Index

Sommario/riassunto

Co-Published with the Association For Science Teacher Education. Reflecting recent policy and standards initiatives, emerging research agendas, and key innovations, this volume provides a contemporary overview of important developments and issues that have that have in recent years shaped elementary science education pre-service courses and professional development, and practices that are shaping future directions in the field. Contributors from several countries who are actively engaged in research and design in elementary science education address: *Conceptual issues which impinge