Explorations in Elementary School Science: Practice and Theory K-8, Loose Leaf Version
Plus Pearson eText

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Now Available!

Elementary school science is a place where wonder, imagination, experience, excitement, and fun can come together!

EXPLORATIONS IN ELEMENTARY SCHOOL SCIENCE successfully merges practice and theory together to provide teacher candidates with a valuable resource as they begin their career as an elementary science teacher in Canada.

As teachers of science, authors Erminia Pedretti, Katherine Bellomo, and Susan Jagger created this resource to provide teacher candidates with essential knowledge, pedagogy, and skills to be successful in a contemporary science classroom, and to equip them with tools to critique, re-imagine, and transform the elementary science experience for children. Explorations incorporates a broad range of education research perspectives and activities to support teacher candidates as they explore their beliefs, improve their pedagogical knowledge, and develop their judgement and decision making skills with respect to teaching and pedagogy.

Instructor Resources
- Instructor’s Resource Manual
- PowerPoint Slides
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Features

■ 21st Century Learning Skills and Competencies is a numbered list of the various skills and knowledge that students need to learn in school to meet the demands of the 21st Century appears at the beginning of each chapter

■ Critical research by renowned Canadian and international science educators both provides context unique for Canadian students and exposes teacher candidate to cutting-edge research data

■ Appendices conclude the text, and are designed to help students prepare for their practicum and plan for teaching and learning in their own classroom in the future. The appendices include: Strategies and Graphic Organizers, Preparing for the Practicum, Making a Successful Beginning to the School Year, Suggested Children’s Literature for Elementary Science (with over 70 annotated titles), and Planning for Field Trips.

■ Bringing it all Together sections provide two or three high-level end-of-chapter questions to stimulate class discussion or assign as homework.