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Titolo	Argument-driven inquiry in fifth-grade science : three-dimensional investigations // Victor Sampson [and four others]
Pubbl/distr/stampa	Arlington, Virginia : , : National Science Teaching Association, , [2021] 2021
ISBN	1-68140-524-5
Descrizione fisica	1 online resource (xxvi, 718 pages) : illustrations
Collana	Gale eBooks
Disciplina	507.8
Soggetti	Science - Study and teaching (Elementary) - Activity programs Science - Experiments Inquiry-based learning Fifth grade (Education)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	section 1. The instructional model : argument-driven inquiry -- section 2. Matter and its interactions -- section 3. Motion and stability -- section 4. Ecosystems : interactions, energy, and dynamics -- section 5. Earth's place in the universe -- section 6. Earth's systems.
Sommario/riassunto	"Now fifth-grade teachers have their own guide to making the instructional shift to argument-driven inquiry (ADI)! The newest volume in the NSTA series shows how to use this innovative approach to prompt your students to use argument to construct, support, and evaluate scientific claims. It's designed to help your fifth graders work the way scientists do while integrating literacy and math at the same time. The 17 field-tested lessons focus on making sense of how the world works. Investigations cover matter and its interactions, motion and stability, ecosystems, Earth's place in the universe, and Earth's systems. Using the Student Workbook, your students will explore questions such as: What happens to a substance's weight when transforming from a solid to a liquid? Where does the matter that plants need to grow come from? Why do days change length in different locations and times of year? And why do people use hot water instead of cold when making tea? Written by veteran teachers, ADI in Fifth-

Grade Science has the practical features that made best-sellers of the ADI books for third and fourth grade, middle school, and high school (see pp. XX-XX). Each lesson comes with teacher notes, investigation handouts, and checkout questions. The lessons support the Next Generation Science Standards and the Common Core State Standards for English language arts and math. The book can also help emerging bilingual students meet the English Language Proficiency Standards. With ADI in Fifth-Grade Science, you'll see how to emphasize "figuring things out" instead of "learning about things"-and your students will develop the knowledge and skills they need to become proficient in science"--
