

Student Lab Manual for Argument-Driven Inquiry in Earth and Space Science: Lab Investigations for Grade 6–10

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Key Learning Area: Science



Summary

Are you interested in using Argument-Driven Inquiry for middle years and high school lab instruction, but just aren't sure how to do it? *Argument-Driven Inquiry in Earth and Space Science* is a one-stop source of expertise, advice and investigations to help Earth and space sciences students work the way scientists do.

The book includes a well-organised series of 23 field-tested labs that cover a variety of topics such as Earth's place in the universe, the history of Earth, Earth's systems, weather and climate, and Earth and human activity. You can use the introduction labs to acquaint students with new content or the application labs for deeper exploration of the use of a theory, law or unifying concept. The labs will also help your student learn the science and engineering practices, disciplinary core idea and crosscutting concepts found in the Next Generation Science Standards and develop the disciplinary skills outlined in the Common Core State Standards.

Student Lab Manual for Argument-Driven Inquiry in Earth and Space Science provides the student materials you need to guide your students through these investigations. With lab details, safety information and handouts, your students will be ready to start investigating.

Other Resources

- *Argument-Driven Inquiry in Earth and Space Science, Volume 1: Mechanics Lab Investigations for Grades 6–10* (NST7033)
- *Argument-Driven Inquiry in Biology, Volume 1: Mechanics Lab Investigations for Grades 9–12* (NST9211)
- *Argument-Driven Inquiry in Life Science, Volume 1: Mechanics Lab Investigations for Grades 9–12* (NST9020)
- *Argument-Driven Inquiry in Chemistry, Volume 1: Mechanics Lab Investigations for Grades 9–12* (NST9082)