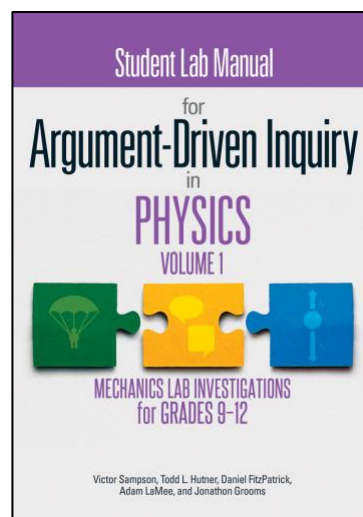


Student Lab Manual for Argument-Driven Inquiry in Physics, Volume 1: Mechanics Lab Investigations for Grades 9–12

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Date Available:	January 2019
ISBN:	978 1 76056 760 6
Code/SKU:	NST7606
RRP:	\$35.95
Format/Page No.:	A4, 258 pages
Year Level:	9–12
Focus Area:	Activities and Exercises, Inquiry Learning
Key Learning Area:	Science



Summary

Are you interested in using argument-driven inquiry for high school lab instruction but just aren't sure how to do it? *Argument-Driven Inquiry in Physics, Volume 1* is a one-stop source of expertise, advice and investigations to help physics students work like scientists.

The book includes a well-organised series of 23 field-tested labs that cover a variety of topics related to mechanics, including forces and interactions, energy, work and power. 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 students learn the science practices, crosscutting concepts and core ideas 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 Physics, Volume 1 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 Physics, Volume 1: Mechanics Lab Investigations for Grades 9–12* (NST6704)
- *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)