

Force and Motion



Delta Science Readers are nonfiction student books that provide science background and support the experiences of hands-on activities. Every Delta Science Reader has three main sections: Think About . . . , People in Science, and Did You Know?

Be sure to preview the reader Overview Chart on page 4, the reader itself, and the teaching suggestions on the following pages. This information will help you determine how to plan your schedule for reader selections and activity sessions.

Reading for Information is a key literacy skill. Use the following ideas as appropriate for your teaching style and the needs of your students. The After Reading section includes an assessment and writing link.

OVERVIEW

In the Delta Science Reader *Force and Motion*, students read about the relationship between force, motion, and work. They discover how the six simple machines—lever, wheel and axle, pulley, inclined plane, wedge, and screw—help people do work by moving objects easier, faster, or farther. They also read about people in science—bicycle inventors—and how they created ways to make the bicycle an increasingly more complex (and safe) machine. Finally, students read about how the waterwheel works and how friction affects motion.

Students will

- ▶ discover facts about force, motion, and friction
- ▶ identify the six simple machines and how they work
- ▶ discuss the function of a table of contents, headings, and a glossary
- ▶ interpret photographs and diagrams to answer questions
- ▶ complete a KWL chart
- ▶ organize information in a variety of ways

Delta Education Force And Motion

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