

# Investigating Astronomy

**Publisher:** [Activate Learning](#)

*Investigating Astronomy* is the first comprehensive astronomy textbook written specifically for high school students. This book includes all the major topics in an astronomy course with material to engage students in hands-on investigations and tools to help students learn in interactive and meaningful ways. The book also focuses on scientific inquiry; the process of making scientific claims and supporting them with evidence; and using scientific reasoning to justify and revise those claims.

Units include:

- Unit 1 — Investigating Motions of the Sky
- Unit 2 — Investigating the Sun-Earth-Moon System
- Unit 3 — Investigating Planets
- Unit 4 — Investigating Tools of Astronomy
- Unit 5 — Investigating Stars
- Unit 6 — Investigating the Universe

Each unit has a series of Explorations based on an Essential Question that guides learning. The Explorations prepare students for the unit Challenge, a project that makes use of all information presented in the unit.

**Investigating Astronomy provides a Web-Based Data Center**

The Investigating Astronomy Data Center, used in many of the curriculum activities, gives students a sense of working with real data using tools that are similar to those astronomers use, but with an interface that does not require a steep learning curve.

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