

**COMING
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CompassLearning Odyssey Middle School Science

Just in time for the beginning of the 2011–12 school year, CompassLearning will introduce its new Middle School Science courses. Designed to prepare developing young minds for the rigors of high school science coursework, Odyssey Middle School Science offers hundreds of state standards-aligned multimedia activities in four courses:

- ▶ Earth and Space Science
- ▶ Life Science
- ▶ Physical Science
- ▶ Nature of Science



A compelling collection of animated and live characters guide students in grades 6–8 through engaging lessons, activities, and quizzes. Proven research-based instruction principles and theories provide the structure that supports learning.

Principle/Theory	How Odyssey Middle School Science Incorporates It
Cognitive Load Theory	Reduces extraneous information so students can focus on information that helps them learn
Principles of Multimedia Learning	Combines audio and video to match in space and time and uses pictures rather than words as visuals to reduce extraneous information
Brain-Based Learning	Limits new information and uses repetition to increase retention
Marzano's Research on Effective Instruction	Uses pictures, not words; provides objectives, feedback, and recognition; facilitates note taking; allows students to practice skills, generate and test hypotheses, and identify similarities and differences
Research on Science Literacy	Provides high-quality, grade-level–appropriate texts