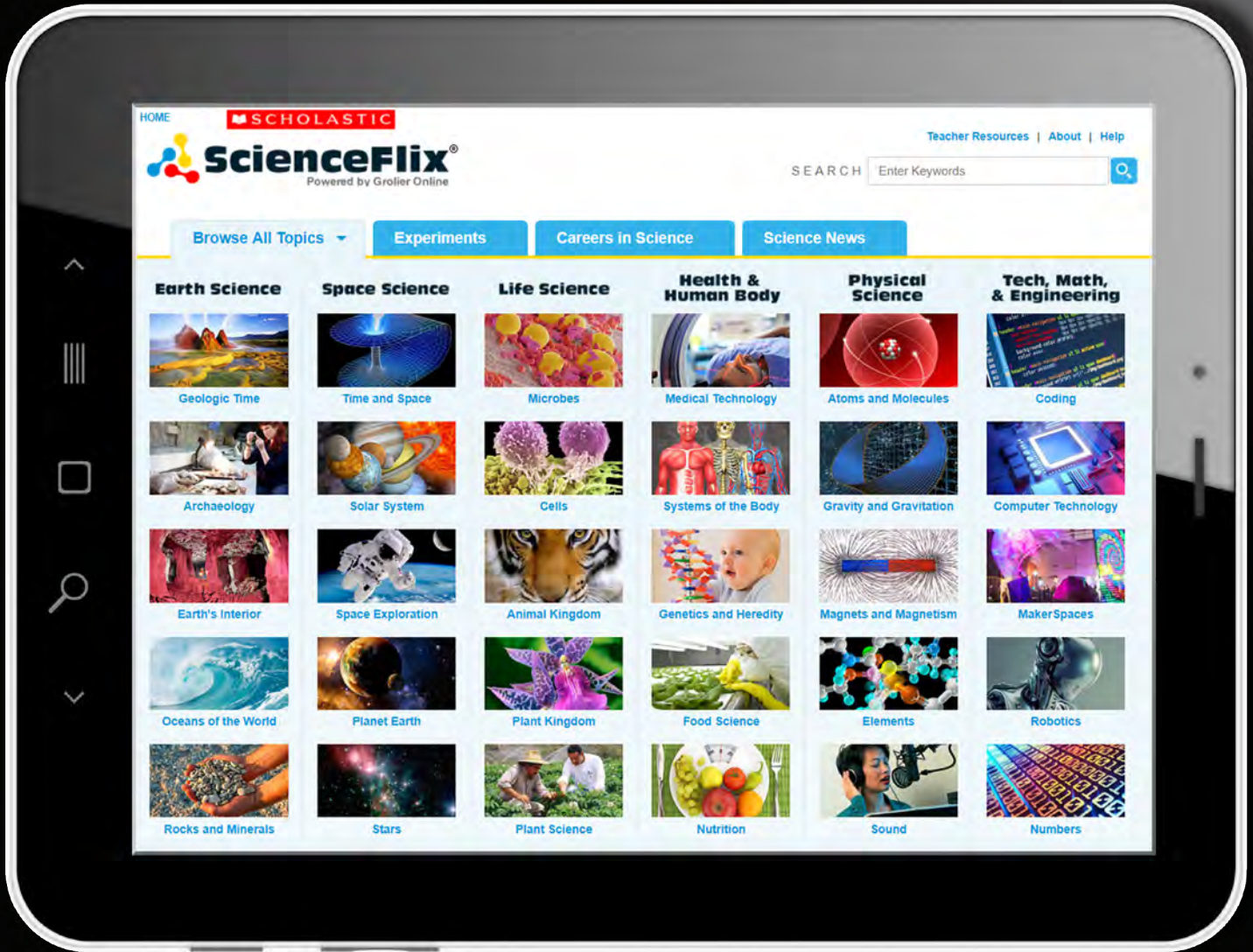




ScienceFlix[®]

Powered by Grolier Online



Science for the Next Generation



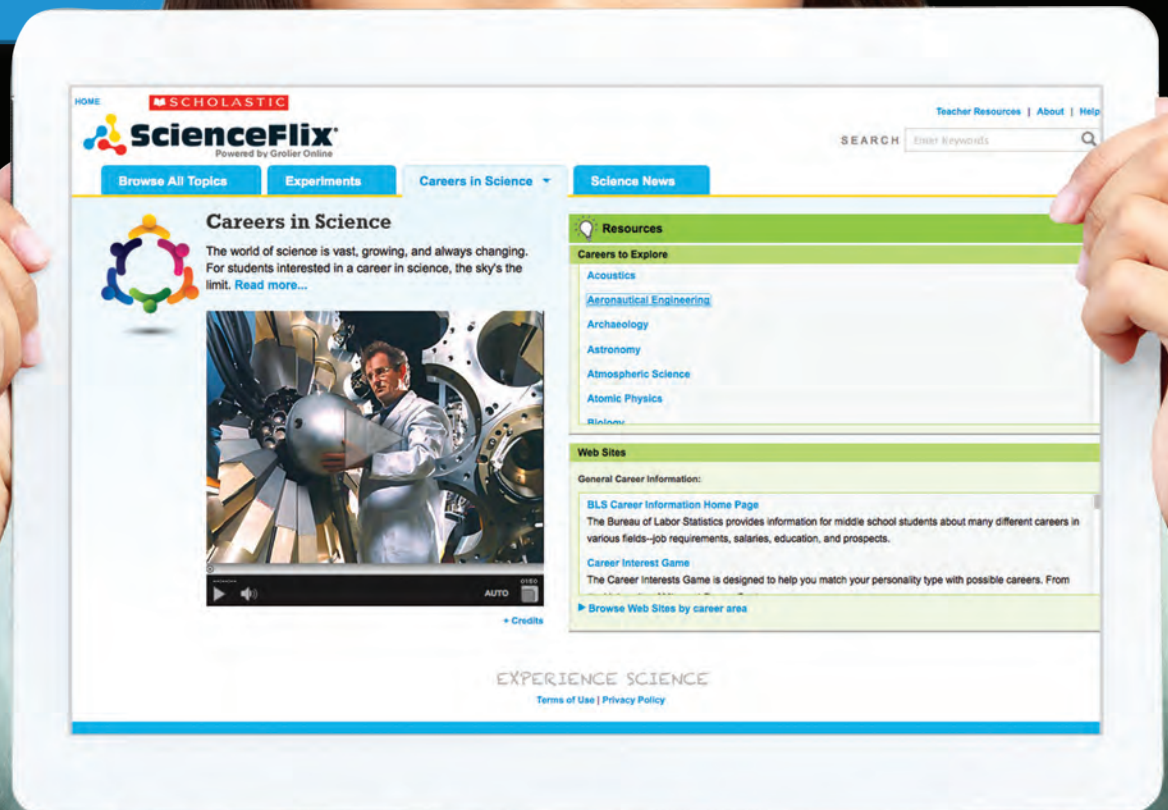


ScienceFlix[®] is transforming the way students access science topics, acquire scientific knowledge, and build a lasting interest in science, technology, and engineering.

Curriculum-driven leveled content is integrated with interactive features and intuitive navigation in this highly engaging mobile-ready science resource. Emphasizing the latest STEM thinking and the Next Generation Science Standards, ScienceFlix provides students with a better understanding of science concepts and ideas through hands-on projects, videos, multiple text types, and more.

ScienceFlix comprises more than 9,500 digital science-related assets that cover six areas of study:

- Earth Science
- Space Science
- Life Science
- Health & Human Body
- Physical Science
- Tech, Math, & Engineering



Videos to build crucial background knowledge and introduce the topic

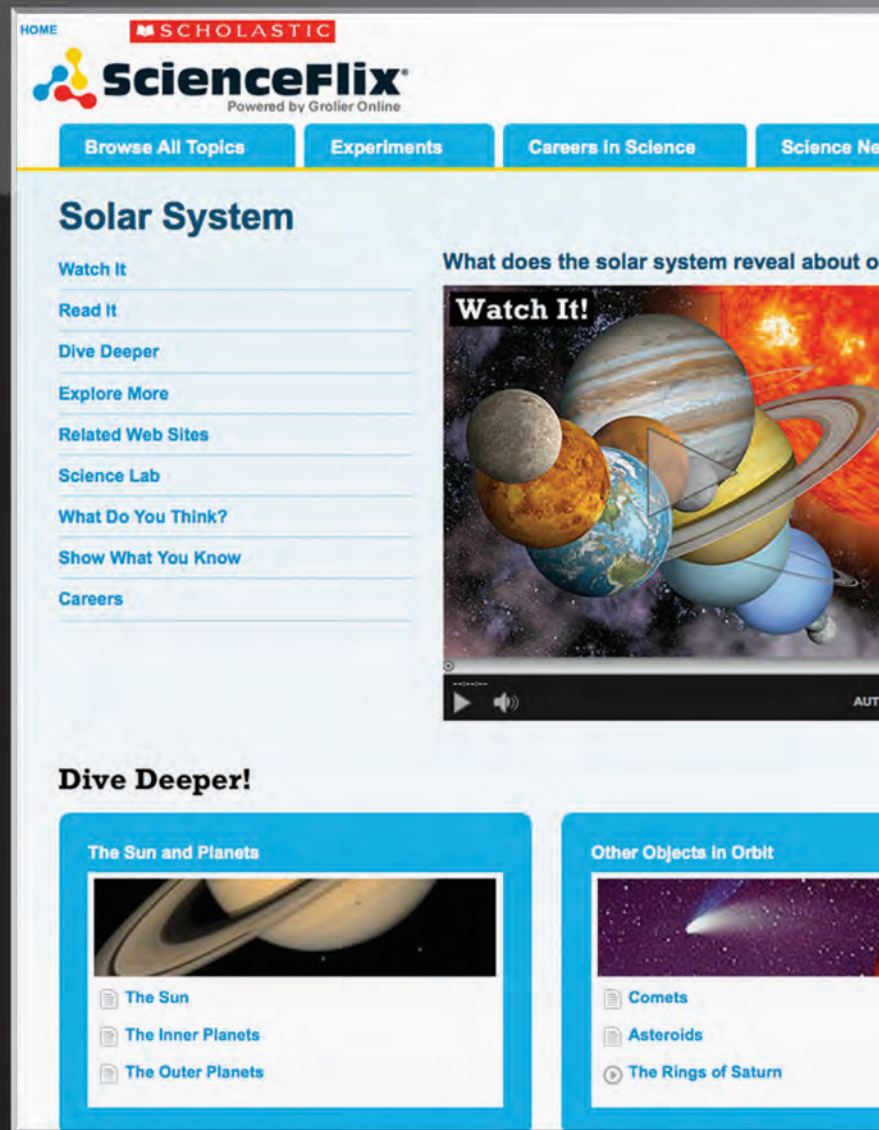
Teacher resources with lesson plans, rubrics, media index, correlations to standards, and more

Careers section to inspire budding scientists and nonscientists alike

Dive deeper articles to encourage a deeper level of understanding

ScienceFlix helps students:

- Build content knowledge
- Develop inquiry-based learning skills
- Navigate increasingly complex texts
- Identify and articulate point of view
- Comprehend a wide range of text types
- Practice hands-on scientific learning



Nearly **14,000 vetted, safe, maintained websites** on related subjects for further learning

Quizzes to gauge comprehension and learning skills

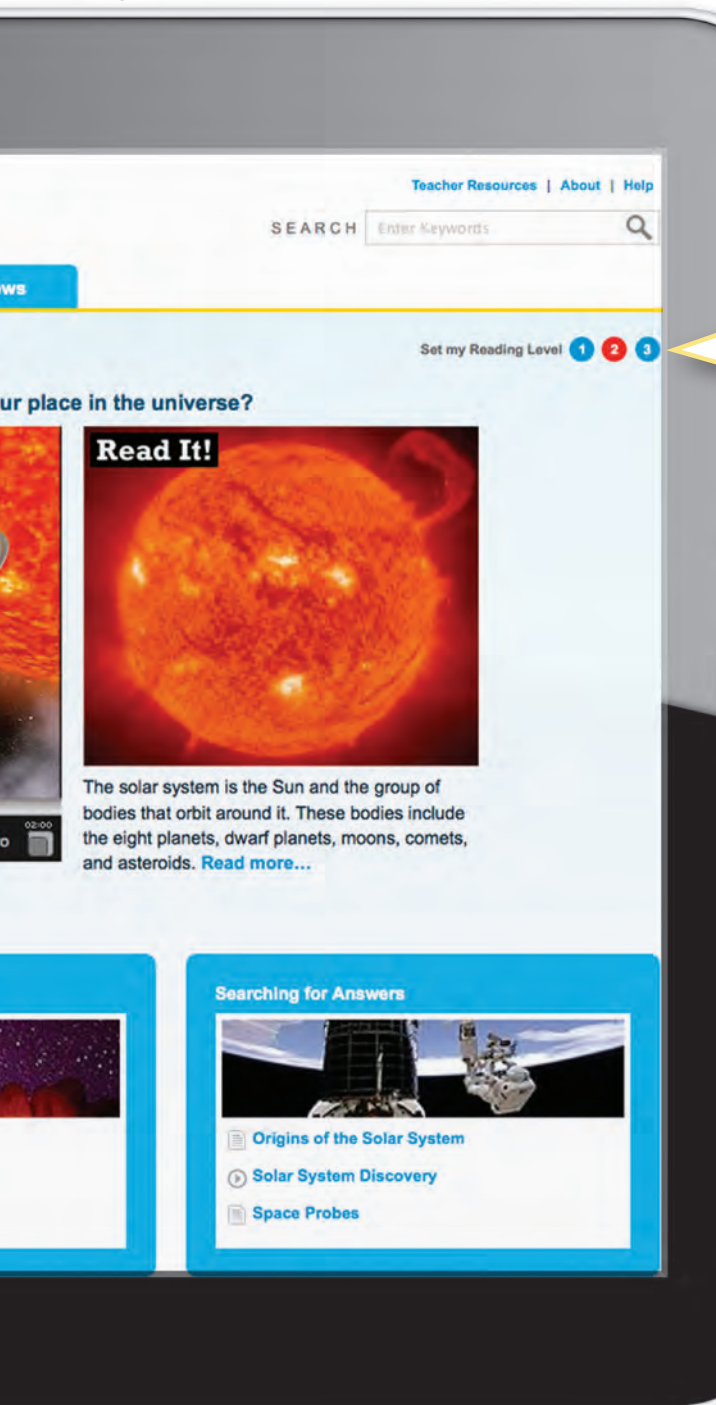


Accessible on any device



Use as part of classroom or small-group instruction

Anchor articles to build content area knowledge



Three reading levels to support a variety of reading abilities while providing the same content

Level 1: 600–800 Lexile

Level 2: 801–1000 Lexile

Level 3: 1001–1200 Lexile

Set my Reading Level

1

2

3

Spanish articles for every unit



Read-aloud feature to support struggling readers and ELL students

News stories with study guides and MakerSpace activity ideas

Experiments to develop a student's ability to follow multistep procedures



Perfect for whiteboards



Use outside the classroom without teacher mediation



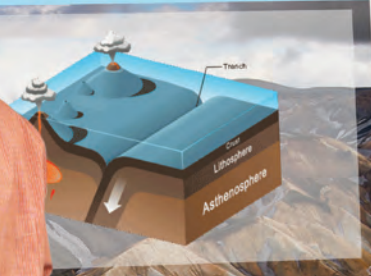
Perfect for BYOD and flipped classrooms

Continental Drift

Click the buttons below to learn about each type of plate boundary and its effect on landforms.

Convergent Plate Boundary

Where two plates converge, one plate moves underneath the other. This process is called subduction, and it forms a trench. When two plates meet at a convergent boundary, the denser lower plate dips beneath the upper plate. This process creates magma. The magma rises to the surface and forms volcanoes. Examples include the Andes Mountains and the South American Plate.



Intro

Plate Boundary

ScienceFlix in the Classroom

▶ Whole Group

- Use videos to introduce topics that correlate to a unit of study
- Introduce academic vocabulary for the unit, found in the lesson plan
- Introduce essential “what do you think” questions for students to keep in mind as they dive into the material

▶ Small Group

- Use dive deeper articles for small groups to explore
- Have groups review and discuss the content
- Regroup as a class to share each group’s findings

▶ Hands-on Learning

- Show experiment video to class
- Have student pairs conduct the experiment and record their findings
- Share findings as a class

▶ Cross Curricular Connections

- Use the Science News module to connect science to the real world
- Explore Science Careers for further real world applications
- Related websites extend and enrich lessons

▶ Flipped Classroom

- Accessible from home, students can review content prior to class
- Videos and read-alouds support students learning at various paces
- Teachers lead facilitated discussions and activities during class time

▶ Genius Hour

- Students can choose any topic of interest to explore
- Students craft inquiry questions to help define their project
- Projects are researched, created and presented to the class

For the Librarian

School and public libraries have quickly become sophisticated digital-learning environments that offer all students an equal opportunity to succeed, regardless of their socioeconomic or education level. As we transition to a digital learning environment, the role of the librarian is more crucial than ever.

ScienceFlix helps librarians:

- Provide digital resources aligned with the Next Generation Science Standards
- Leverage content knowledge to help educators develop lessons that effectively utilize digital resources
- Provide unlimited access to science content to an unlimited number of users from a variety of platforms

For the Student

To build knowledge, students must have access to authentic, verified information that's appropriate for their age and reading level. ScienceFlix blends compelling content with crucial online support tools to help students better comprehend and analyze concepts in science and related content areas, including:

- Articles written at three levels to support all reading abilities
- Automatic word lookup to build in-context vocabulary
- Engaging videos that introduce the topic and key vocabulary and build background knowledge
- A read-aloud feature to support struggling readers and ELL students

For the Teacher

ScienceFlix beautifully supplements core curricula learning with dozens of units spanning the key areas of scientific study. With three reading levels for all survey and dive deeper articles as well as a Spanish article, teachers are able to provide students of all reading abilities the opportunity to develop the same content knowledge. Perfect for small-group or classroom instruction, ScienceFlix provides a variety of text types and media to build content knowledge and develop the key knowledge skills necessary for academic success. ScienceFlix also provides:

- Lesson plans
- Quizzes to gauge comprehension
- Rubrics
- Projects, experiments, and more



Contact Scholastic Digital

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