ScienceFlix®

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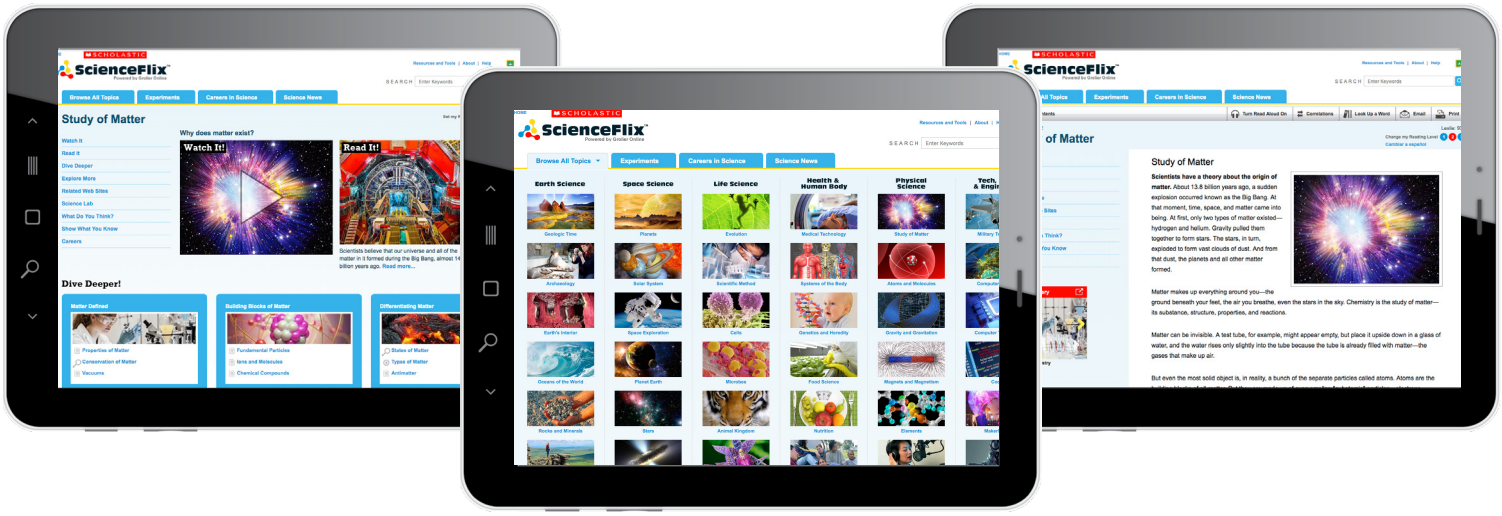
Science for the Next Generation

ScienceFlix® is transforming the way students access science topics, acquire scientific knowledge, and build an abiding interest in science, technology, and engineering. Integrating curriculum-driven leveled content, interactive features, and intuitive navigation, ScienceFlix is a highly engaging mobile-ready digital 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 so much more.



77 units in 6 areas of study (including 2 Math units) | More than 20,000 science-related assets
Read-Aloud with word highlighting to support beginning readers and ELL students | Videos for each topic
Three reading levels for every anchor and Dive Deeper article | Spanish articles for every unit
Experiments | Science News | Science Careers | More than 17,000 curated and vetted web links

Earth Science

Archaeology
- Sources from the Past
- Digging into the Past
- Archaeology Today

Atmosphere and Weather
- Atmospheric Dynamics
- Air in Motion
- Atmospheric Conditions

Climate Adaptation NEW
- Mitigating Technology
- Global Mitigation Strategies
- Adapting to a New Climate

Climates of the World
- Weather and Climate
- Climates of the Past
- Climate Modification

Climate Change
- Environmental Concerns
- Consequences of a Warming World
- Finding Solutions

Continental Drift
- Ancient Continents
- Dynamic Processes
- Enduring Evidence

Earth's Interior
- Anatomy of a Planet
- Movements and Forces
- Exploring the Interior

Earthquakes
- Anatomy of an Earthquake
- Earthquake Aftermath
- Predicting and Preparing

Extreme Weather
- Weather Makers
- Predicting and Tracking
- Extreme-Weather Aftermath

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Earth Science (continued)

Geologic Time
- Pregeologic Time
- Age Analysis
- Earth through Time

Landforms
- Mechanisms of Formation
- Landform Overview
- Human Dimension

Oceans of the World
- The Ocean Realm
- Oceans in Motion
- Plumbing the Depths

Rocks and Minerals
- Kinds of Rocks
- Rocks Reordered
- Digging Deeper

Volcanoes
- Inside a Volcano
- Shapes and Sizes
- Hot Spots

Space Science

Planets
- Planet Processes
- Our Solar System
- Extrasolar Planets

Planet Earth
- Planetary Characteristics
- In Earth's Orbit
- Solar and Lunar Effects

Solar System
- The Sun and Planets
- Other Objects in Orbit
- Searching for Answers

Space Exploration
- Uncrewed Space Exploration
- Humans in Space
- Survival in Space

Space Technology NEW
- Spaceflight Technology
- Life in Space
- Space Tech on Earth

Stars
- Stellar Life Cycles
- Star Groupings
- Systems of Stars

Time and Space
- Defining Time
- Infinite Space
- Intersecting Concepts

Universe
- Components of the Universe
- Eyes on the Universe
- Mysteries of the Universe

Life Science

Animal Behavior
- Basic Instincts
- Learning and Behavior
- Animal Communication

Animal Kingdom
- Animal Diversity
- Animal Distribution
- The Human Factor

Biomes
- The Biosphere
- Inside the Biome
- Biomes in Flux

Cells
- Sorting Out the Cells
- Inner Workings
- Cell Division

Conservation
- Conservation Challenges
- Resource Management
- Conservation Programs

Endangered Species
- Near the Brink
- Causes of Endangerment
- What's Being Done?

Evolutions
- Evolutionary Thought
- Focus on Evolution
- Evolutionary Outcomes

Life Cycles
- Life Begins
- Growth and Development
- The End of Life

Marine Life
- Marine Ecosystems
- Species Galore
- Bounty of the Sea

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Life Science (continued)

Microbes
- The Microbial World
- Microbial Good and Bad
- The Study of Microbes

Plant Kingdom
- Plant Diversity
- People and Plants
- Plantlike Organisms

Plant Science
- Plant Processes
- Specialized Structures
- Plants in the Environment

Prehistoric Animals
- Terrible Lizards
- Mammals and Flying Reptiles
- Seeking Clues

Scientific Method
- Science Inquiry
- Experimental Procedure
- Reporting the Results

Health & Human Body

Disease
- Disorders of the Body
- Diagnosis and Treatment
- The Art of Healing

Exercise and Fitness
- Exercise and the Body
- Fitness Regimens
- Approaches to Fitness

Food Science
- Food Production
- Food Processing
- Food and Society

Genetics and Heredity
- The Elements of Genetics
- The Science of Heredity
- Genetic Technology

Human Behavior
- Theories and Behaviors
- Behavioral Disorders
- Behavioral Therapies

Medical Technology
- Assessing and Diagnosing
- Advancing Technologies
- An Industry Innovating

Memory and Learning
- Information Processing
- Learning Skills
- Evaluation and Intelligence

Public Health NEW
- Monitoring Public Health
- Keeping Communities Healthy
- Partners in Public Health

Nutrition
- Nutritional Guidelines
- Upsetting the Balance
- Diet and Lifestyle

Senses
- Head Senses
- Skin and Deep Senses
- Additional Senses

Systems of the Body
- Systems and Structure
- The Essential Cores
- Human Metabolism

Physical Science

Alternative Energy
- Traditional Energy Sources
- Water and Energy
- Energy from the Sun

Atoms and Molecules
- Atomic Structure
- Characteristics of Atoms
- Atomic and Molecular Behavior

Chemical Reactions
- Common Chemical Reactions
- Expressing Reactions
- Powerful Transformations

Elements
- Meet the Elements
- The Families of Elements
- Element Formation and Transformation

Force and Motion
- The Science of Mechanics
- Objects in Motion
- Types of Forces

Fossil Fuels
- Oil
- Other Fossil Fuels
- Energy Today

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Physical Science (continued)

Gravity and Gravitation
- Evolving Theories
- Gravity and the Universe
- Microgravity

Light
- The Nature of Light
- Light Perception
- Applications of Light

Magnets and Magnetism
- Magnetism in our World
- Electromagnetic Waves
- Electromagnetism at Work

Sound
- Producing Sound
- Perceiving Sound
- Using Sound

States of Matter
- Common States
- Changes of State
- Uncommon States

Study of Matter
- Matter Defined
- Building Blocks of Matter
- Differentiating Matter

Water
- Water as a Compound
- Water in the Environment
- Water in our Lives

Tech, Math, & Engineering

Building and Construction
- Materials of Construction
- Techniques of Building
- Building Design

Coding
- The Basics
- Coding in Action
- In the Real World

Communication Tech
- Personal Communication
- Mass Communication
- Online Communication

Computer Technology
- Hardware
- Software and Coding
- Our Digital World

Engineering Design
- Criteria and Constraints
- Modeling and Testing
- Real-World Applications

Forensic Science
- Forensic Call to Action
- Forensic Laboratories
- Forensic Analysis

Inventors and Inventions
- Great Inventions
- Inventors and Their Processes
- Keys to Success

MakerSpaces
- MakerSpace Learning
- Inside a MakerSpace
- Beyond the MakerSpace

Military Technology
- Military Logistics
- Conventional Warfare
- Tomorrow's Battlefield

Modern Manufacturing
- Industrial Evolution
- Process
- Advanced Techniques

Numbers
- Number Representation
- Working with Numbers
- Using Numbers

Robotics
- Robot Technology
- Current Applications
- The Robots of Tomorrow

Simple Machines
- Force and Work
- Making Connections
- Complex Machines

Shapes and Solids
- Basic Shapes
- Working with Shapes
- Shapes in Our Lives

Tools of the Scientist
- Instrumentation
- Systems of Measurement
- Data Analysis

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Tech, Math, & Engineering (continued)

Transportation

The Automobile

Ground, Sea, and Air Transport

Transportation Trends

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