

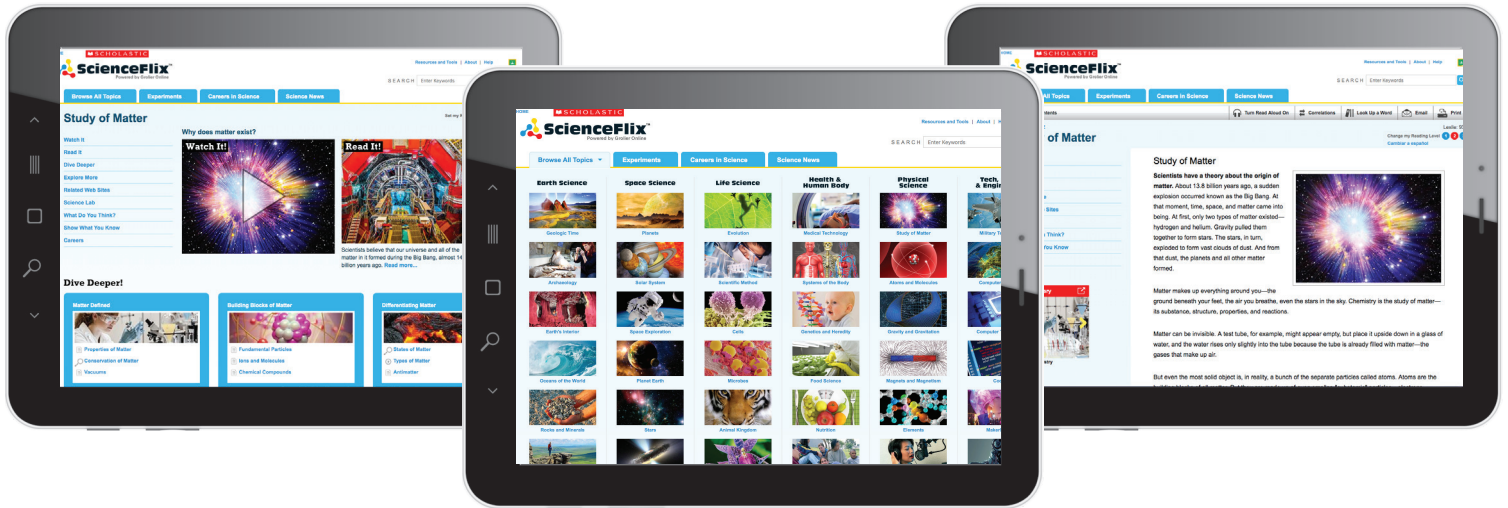


ScienceFlix[®]

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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.



80+ 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

Anthropology

Physical Anthropology
Cultural Anthropology
Linguistic Anthropology

Atmosphere and Weather

Atmospheric Dynamics
Air in Motion
Atmospheric Conditions

Biotechnology

Methodology and Techniques
Applications
Legal and Ethical Issues

Climate Adaptation

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



Earth Science (continued)

Earthquakes

Anatomy of an Earthquake
Earthquake Aftermath
Predicting and Preparing

Extreme Weather

Weather Makers
Predicting and Tracking
Extreme-Weather Aftermath

Geography

Geography in Practice
Human Geography
Physical Geography

Geologic Time

Pregeologic Time
Age Analysis
Earth through Time

Landforms

Mechanisms of Formation
Landform Overview
Human Dimension

Land Use and Management

Common Land Uses
Environmental Challenges
Stewards of Earth

Oceans of the World

The Ocean Realm
Oceans in Motion
Plumbing the Depths

Pollution

In the Air
Land and Sea
Pollution Solutions

Rocks and Minerals

Kinds of Rocks
Rocks Reordered
Digging Deeper

Volcanoes

Inside a Volcano
Shapes and Sizes
Hot Spots

Space Science

Asteroids, Comets, and Meteors

Age and Formation
Near-Earth Objects
Exploration and Protection

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

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



Life Science (continued)

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?

Evolution

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

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

Neuroscience

Brain Structure and Development Using Our Brains

Studying the Brain

Public Health

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

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

Artificial Intelligence

AI Beginnings

AI Applications

How AI Learns

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

Great Scientists

Breakthroughs and Innovation

Scientists and Their Sciences

Processes and Strategies

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





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Science for the Next Generation

Tech, Math, & Engineering (continued)

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

Transportation

The Automobile

Ground, Sea, and Air Transport

Transportation Trends



August 2023 / Subject to change.