

# Scope & Sequence

SCIENCE • Elementary School (Gr. 3–5)



**Britannica**  
Expedition:LEARN!

## Earth Science

Earth's Spheres  
How Do Fossil Fuels Form?  
Interactions of Earth's Spheres  
Minerals and Their Properties  
Natural Hazards  
Nonrenewable Energy Resources  
Patterns of Daily Change  
Patterns of Earth's Features  
Protecting Earth  
Recycling  
Renewable Energy Resources  
Seasonal Changes in Stars  
Seasons and Weather  
Soil and How It Is Formed  
The Phases of the Moon  
The Planets  
The Sun  
Understanding Earth's Changes  
Understanding the Water Cycle  
Weather Data in Tables and Graphs  
Weather-Related Hazards  
Weathering and Erosion  
What Are Asteroids?  
What Are Comets?  
What Are Moons?  
What Is Climate?  
What Is Weather?  
Where Is Earth's Water Found?

## ETS (Engineering)

What Is the Design Process?

## Life Science

Animal Habitats  
Animal Responses  
Animal Senses  
Animal Structures  
Changes in the Environment  
Comparing Vertebrates and Invertebrates  
Desert Habitats  
Energy in Food  
Extinct Plants and Animals  
Flowering and Nonflowering Plants  
Food Chains and Food Webs  
Forest Habitats  
Fossils and Evidence of Life  
Freshwater Habitats  
Grassland Habitats  
Group Behavior  
Hibernation and Migration  
How Humans Change Environments  
Life Cycles of Animals  
Life Cycles of Flowering Plants  
Marsh Habitats  
Materials for Plant Growth  
Ocean Habitats  
Plant Responses  
Plant Structures  
Producers, Consumers, and Decomposers  
Rainforest Habitats  
Structure and Function of Flowers  
Survival and Differences Among Organisms  
The Brain  
The Heart  
The Lungs  
The Skin  
The Stomach  
Traits and the Environment  
Tundra Habitats

Types of Fossils and How They Form  
What Are Adaptations?  
What Are Amphibians?  
What Are Arthropods?  
What Are Birds?  
What Are Fish?  
What Are Mammals?  
What Are Reptiles?  
What Is a Trait?

## Physical Science

Balanced and Unbalanced Forces  
Conductors and Insulators  
Conservation of Matter  
Designing a Device That Converts Energy  
Electric Currents and Circuits  
Energy and Colliding Objects  
Energy Conversions  
Energy Transfer  
Gravitational Force  
Heat  
Mass and Weight  
Patterns of Motion  
Patterns Transfer Information  
Properties of Matter  
Sound Energy  
Speed and Energy  
States of Matter  
Using Magnets to Solve Problems  
What Are Chemical Reactions?  
What Are Electric and Magnetic Interactions?  
What Are Forces?  
What Are Mixtures and Solutions?  
What Are Waves?  
What Is Friction?  
What Is Light?  
What Is Matter?  
What Is Mechanical Energy?



**Britannica**  
EDUCATION

[elearn.eb.com/expedition-learn](http://elearn.eb.com/expedition-learn)

# Scope & Sequence

SCIENCE • Middle School (Gr. 6–8)



**Britannica**  
Expedition:LEARN!

## Earth Science

Air Masses and Weather  
Asteroids  
Characteristics of the Sun  
Climate Change  
Comets  
Comparing Stars  
Desertification  
Earth System and Subsystems  
Earth's Atmosphere-Structure and Components  
Eclipses  
Historical Models of the Solar System  
How Human Activity Influences Watersheds  
Introduction to Climate  
Introduction to Natural Hazards  
Lunar Phases  
Measuring Distances in Space  
Monitoring and Minimizing Human Impact  
Moons  
Motion in Space  
Natural Resources  
Newton's Third Law  
Organization of Ecosystems  
Patterns in the Fossil Record  
Plate Movements  
Seasons  
Technology for Observing and Exploring Space  
The Geologic Time Scale  
The Layers of Earth  
The Rock Cycle  
The Solar System  
The Water Cycle  
Volcanoes

Weathering and Other Changes to Earth's Surface  
What Are Galaxies?  
What Are Glaciers?  
What Causes Tides?  
What Conditions Allow Life on Earth?  
What Is Radioactive Dating?

## ETS (Engineering)

Engineering and the Design Process

## Life Science

Animal Behaviors Affecting Reproduction  
Biodiversity  
Cells  
Cellular Respiration  
Classifying Living Things  
Comparing Meiosis and Mitosis  
Comparing Prokaryotes and Eukaryotes  
Cycles of Matter: Carbon  
Ecosystems: Impacts of Change  
Genes, Chromosomes, and Traits  
Growth of Organisms  
Human Impacts on Earth's Systems  
Humans Influence Inheritance of traits  
Infectious Agents: Bacteria  
Infectious Agents: Fungi  
Infectious Agents: Parasites  
Infectious Agents: Viruses

Materials in Food Are Used for Growth  
Matter and Energy in Food Webs  
Mutations  
Natural Selection  
Parts of a Cell  
Patterns in Development  
Plant Reproduction  
Predators and Prey  
Primary and Secondary Succession  
Punnett Squares and Pedigrees  
Reproduction  
Resources in Ecosystems  
Sensing Information  
The Human Circulatory System  
The Human Endocrine System  
The Human Excretory System  
The Human Immune System  
The Human Muscular System  
The Human Nervous System  
The Human Respiratory System  
Thermal Energy Transfer  
Understanding Adaptation

## Physical Science

Changes in Kinetic Energy  
Chemical Changes Affect Properties  
Chemical Reactions  
Chemical Reactions and Energy  
Chemical Symbols and Formulas  
Comparing Mass and Weight

Comparing Properties of Matter  
Conservation of Matter in Chemical Reactions  
Digital and Analog Signals  
Electric and Magnetic Forces  
Elements and Compounds  
Energy and Temperature Change  
Energy Transformation  
Fields and Forces  
Forces and Motion  
Graphing Motion (Distance versus Time Graphs)  
Gravitational Interactions  
Identifying Types of Elements  
Inferring Evolutionary Relationships  
Interactions in Ecosystems  
Kinetic Energy  
Light  
Organization of the Human Body  
Photosynthesis  
Potential Energy  
Structure of Matter  
Substances, Heterogenous Mixtures, and Solutions  
Synthetic Materials  
The Electromagnetic Spectrum  
The Properties of Water  
The Structure of Atoms  
Thermal Energy and States of Matter  
Using the Periodic Table  
Wave Properties  
What Are Acids and Bases?



# Scope & Sequence

**SOCIAL STUDIES** • Elementary School  
(Gr. 3–5)



**Britannica**  
Expedition:LEARN!

## Civics & Government

Citizens Take Action  
How Laws Are Made  
Pollution  
State and Federal Governments  
The Purpose and Role of Governments  
The Three Branches of Government  
The U.S. National Anthem  
Voting and Elections  
What Are Taxes?  
What Is Citizenship?

## Economics

Earning, Saving, and Spending Money  
Saving and Investing Money  
Trade in Our Economy  
What is an Economy?  
What is the Stock Market?

## Geography

Climate and Natural Resources in the United States  
Communities and Cultures Around the World  
Continents and Oceans  
Cultures and People in North America  
Geography and Human Settlements  
Landforms and People  
Latitude and Longitude  
Maps and Globes  
Regions of the United States  
Regions of the United States: The Northeast  
Regions of the United States: The Southeast

Regions of the United States: The Southwest  
Regions of the United States: The West States and Capitals  
Using a Globe  
What is Culture?

## US History

American Indian Nations of California  
American Indian Nations of the Arctic  
American Indian Nations of the Great Basin  
American Indian Nations of the Northeast  
American Indian Nations of the Northwest Coast  
American Indian Nations of the Plains  
American Indian Nations of the Plateau  
American Indian Nations of the Southeast  
American Indian Nations of the Southwest  
American Indian Nations of the Subarctic  
American Revolution: Battles and Outcomes  
Causes of the American Revolution  
Daily Life in the American Colonies  
First and Second Continental Congress  
Founders and Patriots  
Frederick Douglass and Abraham Lincoln  
Harriet Tubman and the Underground Railroad  
Historical Documents of the American Revolution  
Immigration to the United States (1789–1800)  
Indigenous Culture  
Leaders and Founders of North American Colonies  
Martin Luther King, Jr.  
Moving People and Goods in the 19th Century

Primary and Secondary Sources  
Reconstruction After the Civil War  
The Constitution of the United States: What Does it Say?  
The Founding of St. Augustine, Florida  
The Middle Passage and the North American Colonies  
The Thirteen Colonies  
Timelines  
Two Cultures Meet: The Fur Trade in North America  
United States Holidays  
Westward Expansion and American Indian Nations  
Westward Expansion of the United States  
What Are the Articles of Confederation?  
What is the Constitution of the United States?  
What Is the Declaration of Independence?  
What Was the American Revolution?  
What Was the Civil War?  
What was the Great Depression?  
What Was the War of 1812?  
Women and the American Revolution

## World History

Explorers During the Age of Exploration  
Inventions that Shaped European Exploration  
The Aztec and Maya Civilizations  
The First Human Migration 25,000 Years Ago  
The Inca and Olmec Civilizations  
The Triangular Trade



**Britannica**  
EDUCATION

[elearn.eb.com/expedition-learn](http://elearn.eb.com/expedition-learn)

# Scope & Sequence

SOCIAL STUDIES • Middle School (Gr. 6–8)



**Britannica**  
Expedition:LEARN!

## Civics & Government

Rights and Responsibilities of Citizens

## Economics

Economic Systems  
Supply and Demand

## Geography

Geographic Features  
Humans and the Environment  
Latitude and Longitude  
Mountain Ranges and Rivers  
Regions of the World

## US History

13th, 14th and 15th Amendments  
A Nation Separates  
Abraham Lincoln  
Articles of Confederation  
Black Wall Street  
Booker T. Washington  
Child Labor and Unions  
Chinese Workers on the Transcontinental Railroad  
Civil Rights Movement  
Civil War: The War Shifts at Gettysburg  
Civil War: Union Victory (1865)  
Crash of 1929 and the Beginning of the Depression  
Declaration of Independence  
Early Battles of the Civil War  
Early Reconstruction  
Ellis Island  
FDR and the New Deal

Forms of Government  
Frederick Douglass  
Ida B. Wells  
Industrialization of the United States  
Inventors and Their Inventions  
Life as an Immigrant - Angel and Ellis Island  
Mexican Americans and the Growth of the Southwest  
*Plessy v. Ferguson*  
Presidential Elections  
Prohibition and the 18th Amendment  
Radical Reconstruction  
Reconstruction: Aftermath  
Shared Powers Under the United States Constitution  
The 1920s  
The American Revolution  
The Bill of Rights  
The Black Press and the Progressive Movement  
The California Gold Rush  
The Civil Rights Movement After Reconstruction  
The Civil War Begins (1861)  
The Compromise of 1850  
The Constitution of the United States  
The Dust Bowl and Effects of the Depression  
The Emancipation Proclamation  
The First Industrial Revolution  
The Great Migration  
The Harlem Renaissance  
The Louisiana Purchase  
The Louisiana Purchase: The Expedition  
The Middle Passage  
The Missouri Compromise  
The Muckrakers and the Progressive Movement  
The North and The South  
The Progressive Era  
The Reconstruction Era  
The Spanish American War

The Steel and Oil Industries  
The Transcontinental Railroad  
The War of 1812: Battles and Outcomes  
The War of 1812: Causes  
Theodore Roosevelt: The Progressive President  
Urbanization: The Growth of Cities  
W.E.B. Dubois  
Westward Expansion of the United States  
Westward Expansion of the United States and American Indian Nations  
Women Get the Vote  
WWI: Battles  
WWI: Causes  
WWI: The War Ends

## World History

Age of Exploration: Technology  
Age of Exploration: Why Explorers Set Sail  
Ancient China  
Ancient Civilizations  
Ancient Egypt  
Ancient Greece  
Aztec and Inca Civilizations  
Early European Explorers: 1400s and 1500s  
Early European Explorers: 1500s and 1600s  
Hunter-Gatherers to Farmers  
Olmec and Maya Civilizations  
Silk Road  
The Triangular Trade



**Britannica**  
EDUCATION

[elearn.eb.com/expedition-learn](http://elearn.eb.com/expedition-learn)