



# EARTH AND SPACE SCIENCES

# **Earth Science**

Air Avalanches Canyons Caves Coasts Coral Reefs

Day and Night Deltas Deserts Earthquakes Erosion Floods Fossils Geologists Glaciers Grasslands Gulfs

Humans and Earth

Lakes Mountains Oases Oceans Paleontologists Plains

Plains
Plateaus
Rivers
Rocks
Sand Dunes
Seas
Soil

Temperate Forests
Tropical Rain Forests

Tsunamis Tundra Valleys Volcanoes Water Water Cycle Waterfalls Wetlands

What Are Natural Resources?

What Is Earth? What Is the Sky? Wildfires

#### Seasons

Animals in Fall
Animals in Spring
Animals in Summer
Animals in Winter
Apple Harvest
Fall Weather
Flower Blossoms
People in Fall

People in Spring
People in Summer
People in Winter
Plants in Fall
Plants in Spring
Plants in Summer
Plants in Winter
Pumpkin Harvest
Snowflakes
Spring Weather
Summer Weather
What Are Seasons?
Winter Weather

**Space Science** 

Astronauts Black Holes Earth

First Moon Landing

Jupiter Mars Mercury

Meteors and Asteroids

Moon Moon Phases Neptune Planets

Pluto: Dwarf Planet

Saturn Spacecraft Stars Sun Uranus Venus

What Is the Solar System?

#### Weather

About Cold Weather

Blizzards Climate Dew and Frost Drought Fall Weather Foa

Forecasting Weather
Hot Weather
Hurricanes
Ice, Hail, and Sleet
Lightning and Thunder
Measuring Weather
Meteorologists

Rain
Rainbows
Snow
Snowflakes
Spring Weather
Summer Weather
Sunlight

Thunderstorms
Tornadoes
Types of Clouds
What Are Clouds?
What Is Weather?

Wind Winter Weather

## **IMPORTANT INVENTIONS**

Calendars
Cameras
Clocks
Compasses
Computers
Dishwashers
Light Bulbs
Mailboxes
Paper
Penicillin
Potato Chips
Printing Presses
Radios
Refrigerators

Refrigerators Telegraphs Telephones Traffic Lights Wheels

Windshield Wipers

X-rays

## **LIFE SCIENCES**

Adaptation

Cells

Food Chains and Webs

Heredity

Living or Nonliving?

# Animals

About Amphibians
About Birds
About Fish
About Insects
About Invertebrates
About Mammals
About Reptiles
About Spiders
Animal Communication
Animals Affect Habitats

Desert Animals
Endangered and Threatened

Animals
Grassland Animals
Group Behavior
Hibernation
Migration
Nocturnal Animals
Ocean Animals
Polar Animals

Rain Forest Animals Wetland Animals What Are Animals? Woodland Animals

#### Humans

Bacteria

Circulatory System

COVID-19

Digestive System Endocrine System

Exercise Hearing

Muscular System Nervous System

Nutrition and Diet Respiratory System

Seeing

Skeletal System Smelling Tasting

Touching Vaccines Viruses

What Are Germs? What Are Humans?

## **Plants**

Conifers
Desert Plants
Ferns

Flowering Plants

Flowers

Fruits and Seeds Grassland Plants

Leaves
Mosses
Ocean Plants
Polar Plants
Rain Forest Plants

Roots

Stems and Trunks Wetland Plants What are Plants? Woodland Plants

# **MATH**

Addition
Counting
Multiplication
Place Value
Skip Counting
Subtraction

## **MEASUREMENTS**

Length

Metric vs Imperial

Time





# **METHODS OF MAKING ART**

Comic Making Drawing Fiber Arts Painting Photography Printmaking Sculpture

#### **All About Colors**

Black, White, and Gray **Primary Colors** Secondary Colors

#### **PHYSICAL SCIENCES**

Sound

# **Forces and Motion**

Electricity Energy Friction Gravity Kinds of Forces Magnetism What Is Motion?

#### Light Colors

What Is Light?

# Matter

Density and Volume Floating and Sinking Glass as a Material Hard or Soft? Heavy or Light? Hot or Cold? Mass and Weight Metal as a Material Paper as a Material Plastic as a Material Rock as a Material Rubber as a Material Shiny or Dull? Smooth or Rough? Soil as a Material Stiff or Bendable? Temperature Water as a Material What Is Matter? Wood as a Material

#### **Simple Machines**

Inclined Planes Levers Pulleys Screws Wedges

What Are Simple Machines?

Wheels and Axles

# **SCIENCE AND ENGINEERING PRACTICES**

# **Science and Engineering Methods**

Answers and Solutions Arguments and Opinions Asking Questions Finding and Sharing Information Let's Investigate Science and Math

# **SHAPES** Circles

**Using Facts** 

Using Models

Ovals Rectangles Squares Triangles **3D Shapes** Cones Cubes Cylinders Prisms Pyramids

# **TECHNOLOGY**

## Computers

Spheres

Algorithms

Artificial Intelligence Computer Hardware Computer Privacy

Computer Programming and Coding

Computer Security

Computer Software

Data Debugging Digital Devices Loops Sequences Variables

# The Internet

Cyberbullying Digital Citizenship Internet Safety My Digital Footprint Social Media

Understanding Media

Web Pages

What Is the Internet?