



Britannica[®]
School



$E=mc^2$

Guided Tour

Your Complete Guide to Britannica School



Watch and Learn

Explore **Britannica Education Webinars** for expert-led product walkthroughs, teaching strategies, and tips to make the most of our trusted learning resources.



Britannica
EDUCATION

3

Introduction to Britannica School

Learn about the Britannica School platform and its features.

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Articles

Understand article layouts for a seamless learning experience.

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Navigation and Learning Features

Find tools that enhance engagement and accessibility for all learners.

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Enhanced Differentiation and Integration

Learn how to generate effective information discovery.

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Early Elementary Level

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Discover tools and resources tailored for elementary students.

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Middle Level

See how Britannica supports middle-level students with age-appropriate content.

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High Level

Explore features designed for high school students, supporting advanced research.

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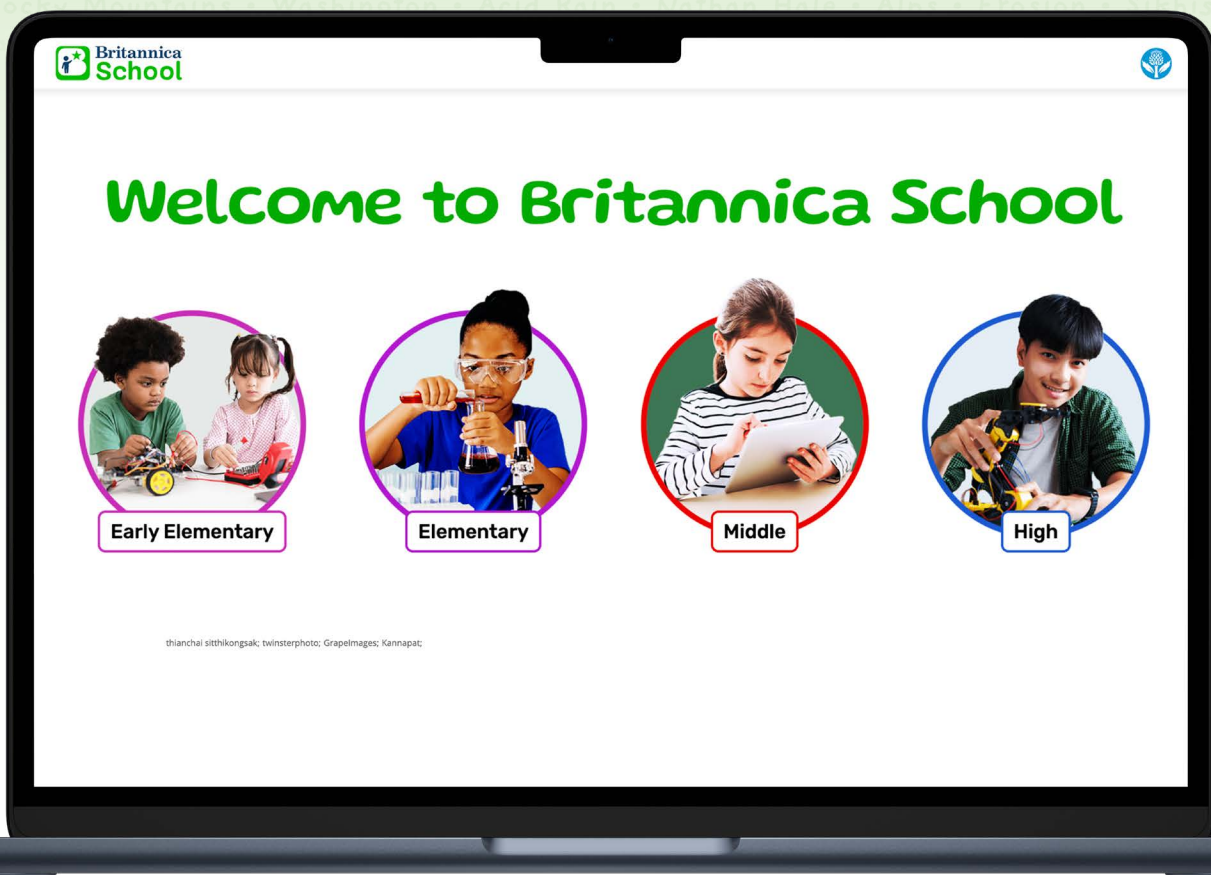
Teach Britannica: Resources for Educators

Discover educator resources, ready-made lessons, and classroom tools.

Meet the go-to resource for today's classrooms

Encourage exploration and discovery for learners from
Early Elementary to High School.

Britannica School offers a safe, trustworthy platform designed to make learning engaging and accessible for all ages and learning abilities. With four distinct levels—**Early Elementary, Elementary, Middle, and High**—and accompanying standards alignments, Britannica School meets students and educators where they are and helps them thrive.



Articles

No matter the level, Britannica School's articles are designed for quick navigation and readability, making information easy to find, engaging, and accessible. The layout reduces cognitive load, helping students stay focused.

Britannica School Middle SEARCH Q My Britannica

Nile River

LEVEL 1 2 3

NAVIGATOR

- Introduction
- Physical Description
- Plants and Animals

OPEN ALL SECTIONS

ARTICLE GALLERY RELATED

Cite Save Send Print

Translate Font Open Dictionary

START END

Article Media Gallery

Collapsible Table of Contents

Fun Facts

Introduction

Physical Description

Plants and Animals

Tropical **rainforests** of coffee shrubs and bamboo, banana, ebony, and rubber trees are found in southwestern Ethiopia and the East African Plateau. Savanna **grasslands** extend along the Blue Nile. The swampy Al-Sudd region abounds with **papyrus**, a reed used since ancient times for making paper. From Khartoum northward there is true desert. Vegetation consists of only a few stunted shrubs except in the heavily irrigated Nile valley in Egypt.

DID YOU KNOW?

Nile crocodiles are the largest crocodiles in Africa. They can be up to 20 feet (6 meters) long and weigh more than 1,500 pounds (680 kilograms).

South Sudan: White Nile River

A village sits along the White Nile River, in the swampy Al-Sudd region of South Sudan.

© Klaus D. Franke/Peter Arnold, Inc.

Inline Visuals

Fish found in the Nile River system include Nile perch, catfish, eels, lungfish, mudfish, and tiger fish. Nile perch may attain a weight of more than 175 pounds (80 kilograms). Nile crocodiles, soft-shelled



space debris
Numerous pieces of human-created debris are in orbit over the Earth, endangering future space...

Article Media Gallery

Preview all media—photos, interactives, illustrations—at the top of each article, with a Jump to Article tool for quick access.

▶ **Introduction**

▶ **Where Plants Grow**

▶ **Types**



All plants belong to one of two main groups, vascular plants and nonvascular plants. Vascular plants have special tissues, called xylem and phloem, that carry water and food throughout the plant. Vascular plants also have **roots**, stems, and **leaves**. Vascular plants include herbaceous plants, shrubs, and trees. Herbaceous plants have soft stems. Shrubs and trees have woody stems.

Table of Contents

Easily navigate articles using the accordion table of contents, enabling students to jump to specific sections effortlessly.



engineering class

College students participate in an engineering class on robotics.

© ID 144596012 © Monkey...

2 of 3



Inline Visuals

Photos, videos, and interactives are embedded directly within articles to provide context and enhance readability.



From pigeons in big cities to penguins in Antarctica, all birds have similar features. They all have wings, though they cannot all fly. All birds also have feathers. In fact, birds are the only living animals that have feathers.

ENGLISH ESPAÑOL

Ant*arc*ti*ca

geographical name \(')ant-'ärk-ti-kə, -'ärt-i-\

- body of land around the South Pole; plateau covered by great ice cap

[See full definition](#)

Definitions provided by



Literacy Support

Support independent learning with read-aloud, word-by-word highlighting, and a quick-click Merriam-Webster dictionary.

Bulleted Lists and Fun Facts

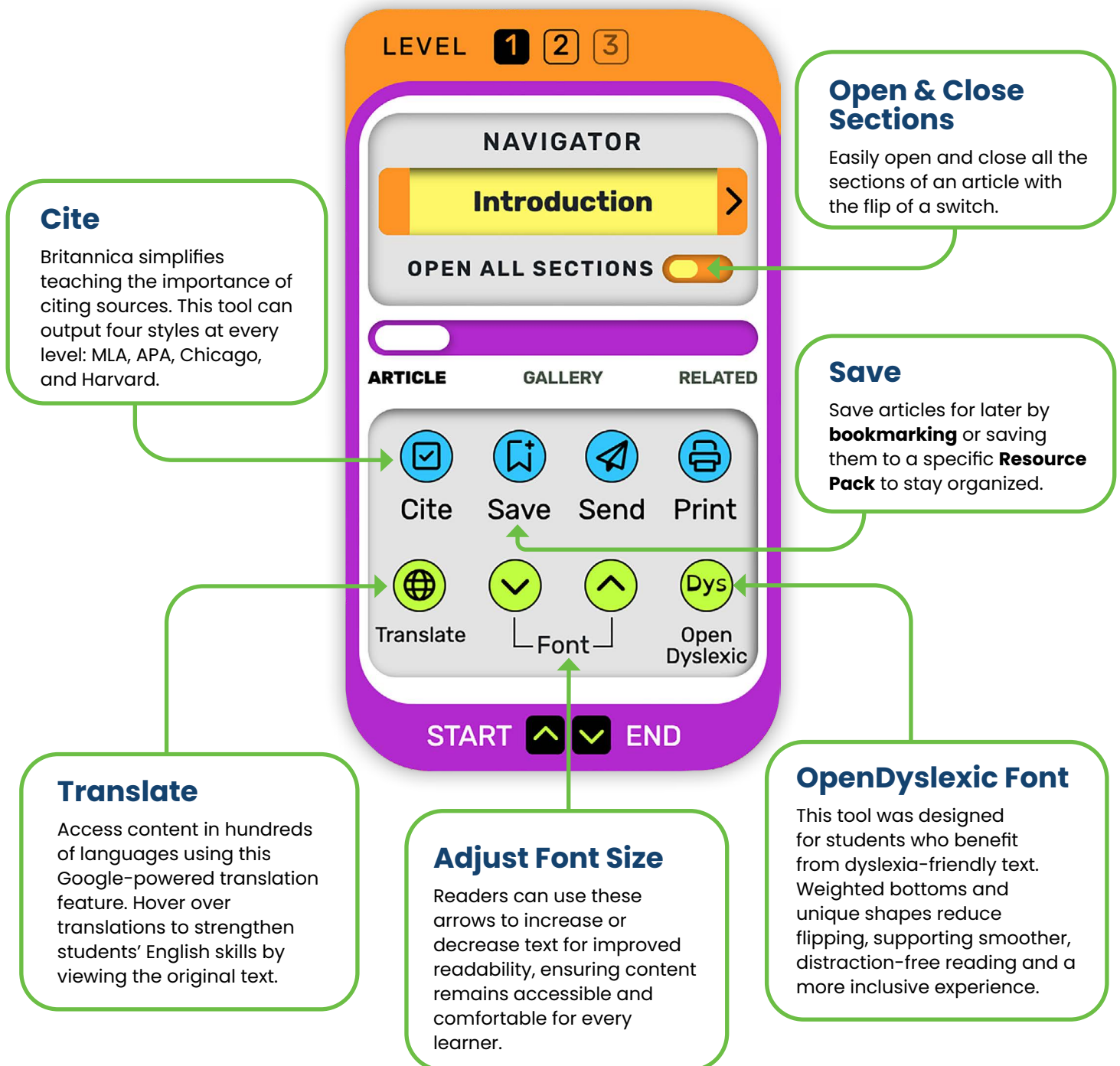
Bulleted lists and fun facts break up text, making it digestible and engaging.

MOONS

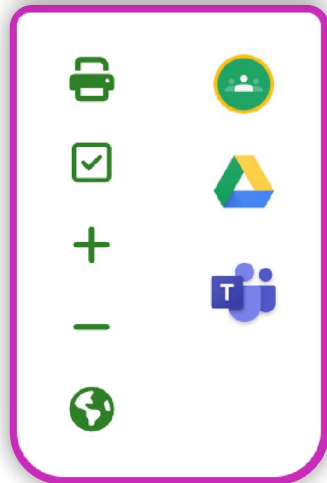
Six of the eight planets have at least one moon. Venus and Mercury are the planets that do not have a moon.

Navigation and Learning Features

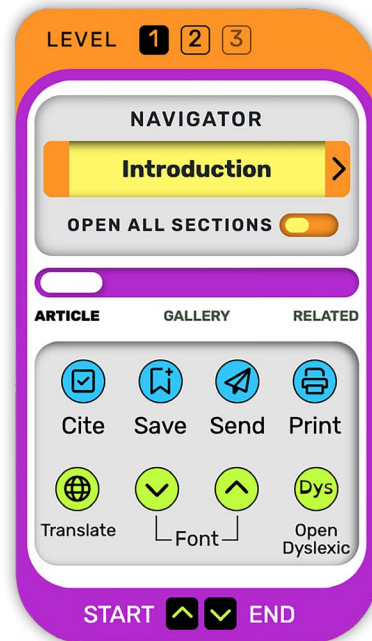
Navigate effortlessly with Britannica School's all-in-one toolbar, right within every article. Centralized tools save time on non-learning tasks: print, cite, adjust fonts, toggle reading level, and share directly to **Google Classroom, Microsoft Teams, or Google Drive** for easy classroom integration.



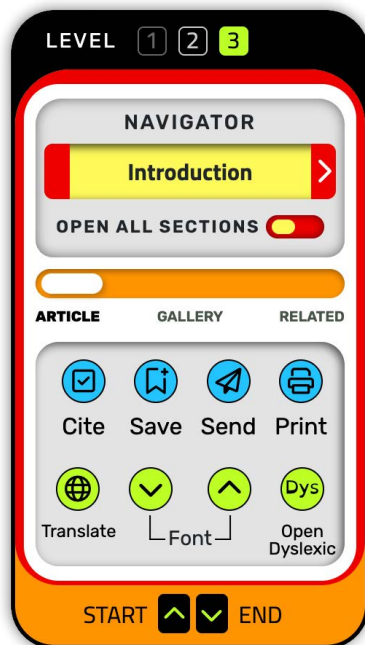
Navigator Tool Across Learning Levels



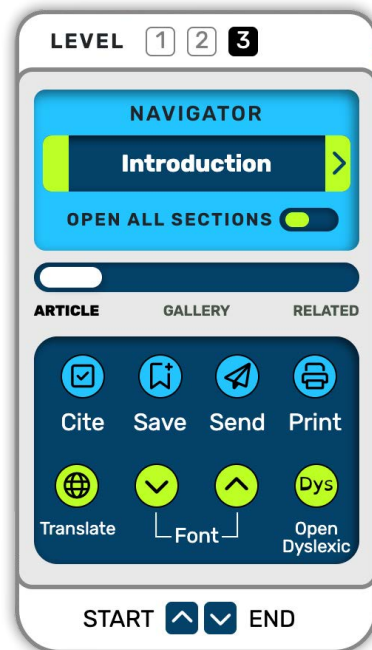
Early Elementary



Elementary



Middle



High



Why Are Some Features Grayed Out in Translated Articles?

When you use the Google Translate tool on Britannica School, some features—like Cite, Save, and Read-Aloud—may be disabled. This is because the translated version is generated by Google, not Britannica.

Citing & Saving

These tools work with Britannica's original content, but since Google generates the translation, citations and saved versions would not reflect the translated text.

Read-Aloud

This feature reads Britannica's original content and does not support the translated text.

Sending Articles

When sharing an article, only the original English version is available to avoid confusion.

Printing

While Britannica does not generate a formatted print page for translations, you may be able to print using your browser's print function.



Enhanced Differentiation and Integration

Advanced Search

With **all** the words

With the **exact phrase**

With **any** of these words

Without these words

With these words **near** each other

SEARCH



Britannica ImageQuest Integration

For schools with a Britannica ImageQuest subscription, seamlessly integrate with Britannica School for easy access to high-quality images.

Advanced Search

Refine searches with options to match exact phrases, include or exclude words, or find words near each other—perfect for pinpointing specific information quickly.

Multimedia

Enhance media literacy with a variety of high-quality videos and images. Use these as lesson hooks or discussion points to engage learners and bring topics to life.

All About Bees



Bees are interesting insects.

Web's Best Sites

Biology LibreTexts - Photosynthesis

[https://bio.libretexts.org/Courses/Lumen_Learning/Biology_for_Non-Majors_1_\(Lumen\)/06%3A_Metabolic_Pathways/6.06%3A_Photosynthesis](https://bio.libretexts.org/Courses/Lumen_Learning/Biology_for_Non-Majors_1_(Lumen)/06%3A_Metabolic_Pathways/6.06%3A_Photosynthesis)

Milne Library - Inanimate Life - Photosynthesis

<https://milnepublishing.geneseo.edu/botany/chapter/photosynthesis/>

BCcampus Open Publishing - Concepts of Biology - 1st Canadian Edition - Overview of Photosynthesis

<https://openstax.org/r/biologychapter5-1-overview-of-photosynthesis/>

University of Florida - Institute of Food and Agricultural Sciences - Photosynthesis

<https://plants.ifas.ufl.edu/manage/overview-of-florida-waters/water-quality/photosynthesis/>

Roger Williams University Pressbooks - Introduction to Molecular and Cell Biology - Photosynthesis

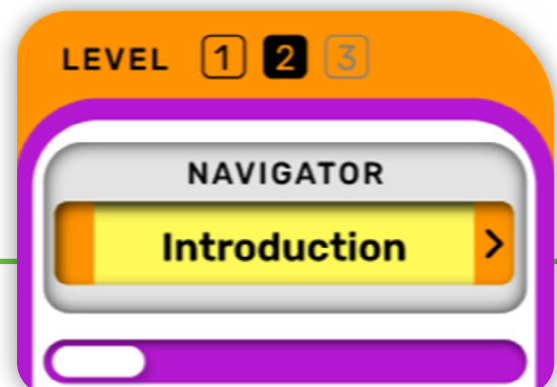
<https://rw.pressbooks.pub/bio101/chapter/photosynthesis/>

Web's Best Sites

Expand research beyond Britannica School with Web's Best Sites. Each resource is carefully reviewed by the Britannica Editorial Team to ensure relevance and appropriateness for student learning.

Reading Levels

Easily support or challenge students by **adjusting the reading level preference** and using the **Lexile filtering option**. Setting a Lexile range (860–1700) ensures reading materials are accessible and appropriately challenging, making differentiation simple and effective in your classroom.



Early Elementary Level

Britannica School: Early Elementary is designed for PreK-2nd grade, offering read-aloud articles with age-appropriate vocabulary, vibrant images, videos, and interactive features that keep young learners engaged. With easy navigation, students can dive into content crafted just for them!

The image displays two overlapping screenshots of the Britannica School Early Elementary website. The top screenshot shows an article titled "Yak" with a green header. It includes a language selector (English/Spanish), a list of interactive icons, a play button, a "Jump to article" button, and a video player. Below the video, a caption reads: "Yak A yak is an animal with hooves. It is like a big ox. © Daniel Prudek/stock.adobe.com". The bottom screenshot shows a "Let's Explore" category menu with six options: Animals, Our World, Places, People, Science, and Nature, each with a representative image and a play button. Below the menu, a section titled "See Cool Pictures and Videos" features three small image thumbnails.

Yak

English Spanish

Yak

A yak is an animal with hooves. It is like a big ox.
© Daniel Prudek/stock.adobe.com

Let's Explore

Animals

Our World

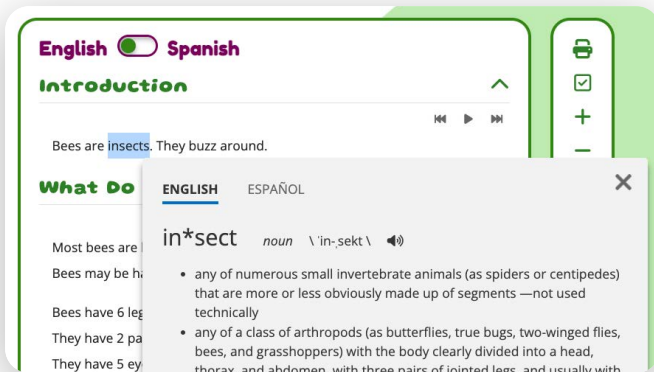
Places

People

Science

Nature

See Cool Pictures and Videos



Text Support Features

The **quick-click dictionary** allows you to quickly find definitions and Spanish translations for any word. A **read-aloud** feature with word-by-word highlighting is available via the play button at the top of each section, supporting emerging readers.



Engaging, Easy-to-Read Layout

Standards-aligned content spans six categories, enhanced with **media galleries** and **inline visuals** for an immersive experience. Articles are thoughtfully sectioned and digestible for emerging readers.



English/Spanish Toggle

An easy **toggle** between English and Spanish boosts language acquisition and accessibility, seamlessly translating **articles and all related media** into **native Spanish**.



Britannica Fundamentals

Inspire PreK–2 students to **read, explore, play, and create!** Early learners can enjoy animated e-books, explore world biomes, practice math and literacy through fun games, and express their creativity with a digital whiteboard.



Elementary Level

Captivate young students with exciting topics and vibrant visuals that spark engagement and curiosity. Regularly updated content provides unique lesson hooks, fuels discussions, and ignites curiosity across subjects.

Britannica School Elementary

SEARCH

My Britannica

Germany

LEVEL 1 2 3

NAVIGATOR

Quick Facts

ARTICLE GALLERY RELATED

Cite Save Send Print

Translate Font Open Dyslexia

START END

Germany: village in eastern Germany

A village extends along a single street in eastern Germany.

Otto Stadler/Silvestris

QUICK FACTS

Introduction

For 45 years after World War II, Germany was divided into two republics. East Germany was a communist country, while West Germany was a democracy. After communism led to the reunification of the country, the capital is Berlin.

Britannica School Elementary

SEARCH

My Britannica

Explore Britannica School (start typing!)



In The News!

Flying Cars Take Off

Minnesota just became the second state to allow flying cars on its roads and airstrips.

Día de los Muertos



Day of the Dead

Día de los Muertos, or the Day of the Dead, takes place on November 1 and 2. It is a Mexican festival that honors loved ones who have passed away.



Explore



Biographies



Pictures & Videos



Articles



Explore Tools

Use the **World Atlas** to explore global geography, dive into the **Animal Kingdom** by group or habitat, and **uncover historical landmarks** to enrich lessons. Quick links to biographies, pictures, videos, and articles make accessing a world of learning easy and immediate.

In the News!

PLAY!

Word of the Day

Fun Fact

An Unexpected Treasure

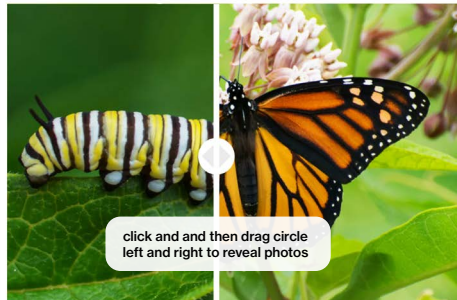
A 9-year-old found an unusual rock. It turned out to be a prehistoric

News and Important Events

Take learning beyond the headlines. Updated twice weekly, our **In the News!** feature includes **Merriam-Webster vocabulary games**, fun facts, and links to timely articles—perfect for developing media literacy.

Monarch butterfly

Monarch butterfly (*Danaus plexippus*) caterpillar and adult.



monarch butterfly: larval stage and adult stage

Move the slider to see a larval monarch caterpillar (left) and an adult monarch butterfly (right).
Encyclopedia Britannica, Inc.

click and then drag circle left and right to reveal photos

Interactive Media

Bring topics to life with **hundreds of dynamic interactives**, from historical events to fascinating life cycles. Access these interactives from the homepage to enhance engagement and understanding.



Britannica Fundamentals

Read, Explore, Play, and Create to build foundational skills! Learners can express their creativity and interact with animated e-books, world biomes, and fun math and literacy games.

Middle School Level

Engage middle school learners with resources that inspire curiosity, foster discussion, and promote independent learning. Regularly updated content and interactive tools make it easy to dive into new topics and explore concepts in depth.

Argentina

Aconcagua
Aconcagua is the highest mountain in South America. Part of the Andes Mountains, Aconcagua lies in west-central Argentina.

QUICK FACTS

Introduction

Argentina is one of the largest countries in South America. In the region it is second in area only to Brazil, Mexico, and Colombia. Argentina's southern part of South America borders the entire western border of the tropics in the north to Antarctica in the south. Argentina also includes several other islands of the Atlantic Ocean. The largest city of Argentina is Buenos Aires (2,704,789 square kilometers).

IN THE NEWS!

A 3D-Printed Building
A new community center will be built from 3D-printed earth instead of wood, bricks, or cement.

ORANGE SHIRT DAY



U.S.: Native Boarding Schools

Hundreds of thousands of Native children in the U.S. were forced to



Play

Word of the Day

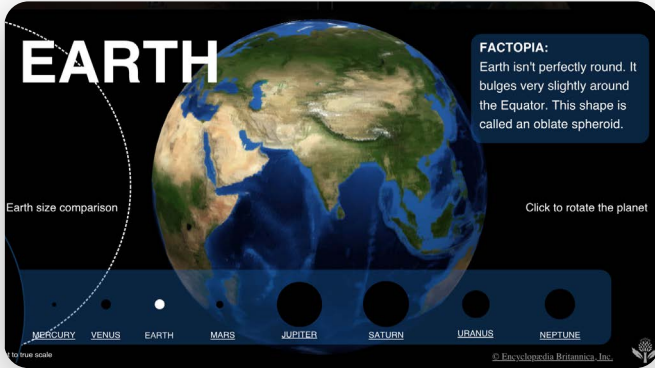
Fun Fact

Program Grows Fresh Opportunities

A program in South Africa uses sign language to teach farming skills to deaf people.

News and Important Events

Take learning beyond the headlines. Updated twice weekly, our **In the News!** feature includes **Merriam-Webster vocabulary games**, fun facts, and links to timely articles—perfect for developing media literacy.



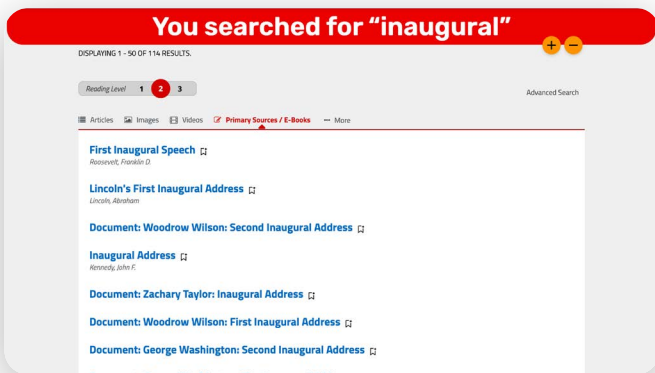
Interactive Media

Bring topics to life with hundreds of dynamic interactives, from key events in Albert Einstein's life to details about different dog breeds. These engaging tools enhance engagement and understanding through active content exploration.



Collections and Countries

Discover the **At a Glance Collections** and **Compare Countries** features, which provide quick opportunities for students to make connections and foster global awareness.



Primary Sources

Discover letters, speeches, and other valuable primary source materials to deepen understanding of historical events and perspectives.

Provide high schoolers with resources that support in-depth research, critical thinking, and preparation for college and careers.

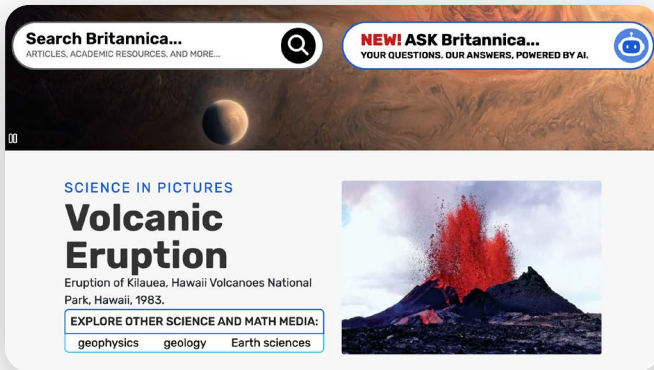


Search Britannica...
ARTICLES, ACADEMIC RESOURCES, AND MORE...

NEW! ASK Britannica...
YOUR QUESTIONS. OUR ANSWERS. POWERED BY AI.

SCIENCE IN PICTURES
Volcanic Eruption
Eruption of Kilauea, Hawaii Volcanoes National Park, Hawaii, 1983.

EXPLORE OTHER SCIENCE AND MATH MEDIA:
geophysics geology Earth sciences



Responsible AI You Can Trust

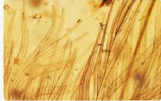
ASK Britannica is our AI-powered search assist tool currently only available in the High School level of Britannica School. Ask natural-language questions and **instantly receive reliable answers sourced from Britannica's content.**

FLASH FACTS



How Long Is the Amazon River?
The Amazon might be the world's longest river. Most scientists believe it is at least 4,000 miles (6,400 km) long—still shorter than the Nile, which is about 4,352 miles (6,990 km). Others, however, have asserted that the Amazon is actually much longer. The Amazon's start and end points have been difficult to determine.

Amazon River
Nile River



Scientists Discover Feathered Dinosaur Tail in Amber
A sample of amber discovered in Myanmar contained a pristine section of a feathered tail traced to a juvenile dinosaur from the Cretaceous Period.

Amber
Cretaceous Period

Interactive Learning

On This Day highlights significant historical events, encouraging students to connect with history. **Flash Facts** provides quick insights and links to articles on fascinating topics, sparking curiosity and expanding knowledge.

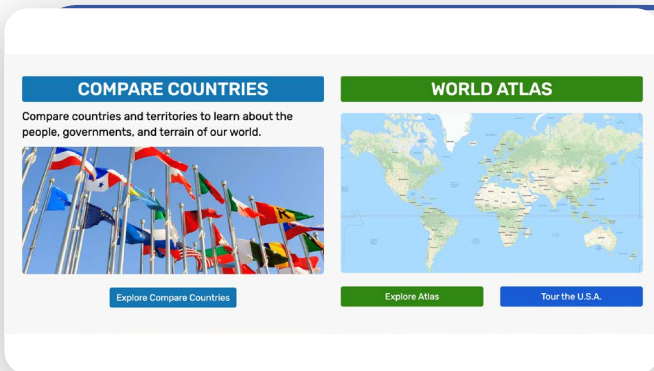
COMPARE COUNTRIES
Compare countries and territories to learn about the people, governments, and terrain of our world.

WORLD ATLAS

Explore Compare Countries

Explore Atlas

Tour the U.S.A.



Research Tools

Organize content with **My Britannica**, where students can save articles and create personalized **Resource Packs**—perfect for projects and long-term research. The **Compare Countries** tool and **World Atlas** provide a global perspective, allowing students to explore diverse cultures, governments, and geographies.

NEW & REVISED ARTICLES



TODAY
Hayat Tahrir al-Sham



NEW TODAY
When and Where Was Mohamed Siad Barre Born?



TODAY
Ahmed al-Sharaa



TODAY
lilac

More New & Revised Articles

New and Revised Articles

Keep learning current with new and revised articles on trending topics, historical figures, and key events, offering reliable, up-to-date content.

NEW! ASK Britannica...

YOUR QUESTIONS. OUR ANSWERS, POWERED BY AI.



For generations, knowledge-seekers have turned to Britannica for answers they can trust. Now, we are transforming how you access knowledge with **ASK Britannica**—our AI-powered search assist tool, available now within the High School level of Britannica School.



NEW! ASK Britannica... YOUR QUESTIONS. OUR ANSWERS, POWERED BY AI.

How many planets are there in earth's solar system?



← Q1 →

There are eight planets in Earth's solar system: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. These planets orbit the Sun in elliptical paths.

The four inner planets—Mercury, Venus, Earth, and Mars—are called terrestrial planets because they have average densities in the range of 3.9–5.5 grams per cubic cm. The four outer planets—Jupiter, Saturn, Uranus, and Neptune—are giant planets with densities close to 1 gram per cubic cm.

Pluto was considered a major planet until 2006, when it was redesignated as a dwarf planet by the International Astronomical Union (IAU). According to the IAU, a planet must orbit the Sun, be round or nearly round in shape due to its own gravity, and have cleared the neighborhood around its orbit. Pluto does not meet the third requirement because it orbits partially within the Kuiper belt.

↓ Sources

↓ Related Questions

Was this answer helpful?



Save

Next Question

New Thread

How it Works

ASK Britannica answers your questions with information and insights from our wide-ranging collection of articles.

Ask natural-language questions and instantly receive **reliable answers sourced from Britannica's content**.

No sifting through endless results, no distractions, just facts.

Responsible AI

Britannica is committed to using technology responsibly, especially in our approach to AI, offering new ways to engage with our content.

Unlike open-source AI tools available online, **ASK Britannica is purpose-built for education**—it won't write essays, provide inappropriate answers, or rely on unverified data.

What ASK Britannica is NOT

It is NOT open source.

It will NOT write papers for students.

It will NOT answer inappropriate queries outside of its educational scope.

Teach Britannica: Resources for Educators

Teach Britannica is an educator's companion, offering ready-to-use resources that support instruction and enrich classroom learning across all levels of Britannica School. Through this dedicated hub, educators can access tools like graphic organizers, instructional strategies, and lesson minis—all designed to make teaching easier and more impactful.

My Britannica

Teach Britannica

Educator resources to enhance learning

Accessing Teach Britannica

Teach Britannica is easily accessible from the **Britannica Education icon** in the main navigation on Britannica School.

INSTRUCTIONAL STRATEGY

Active Reading Through Writing

Grade: 6-8, 9-12, UNIV

Type: Read Actively / Develop Language (MLL)

30-40 MINUTES

When: Before, during, and after reading

Materials: Active Reading Through Writing graphic organizer, preselected text, whiteboard or display, writing utensil

Description



The Active Reading Through Writing strategy encourages students to engage with texts through writing before, during, and after reading to enhance comprehension and critical thinking skills while activating prior knowledge. In addition, this strategy develops students' analytical abilities, reflection skills, and deeper understanding of the material. The strategy prepares students for reading by activating background knowledge. Students process new information during or after reading to support synthesis and connections between texts.

Instructional Strategies

Access seven categories of **evidence-based methods** for effective education, such as **Acquire Vocabulary** and **Organize Thinking**, which are essential for learning goals of any classroom.

LESSON MINI

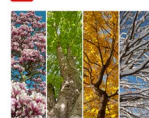
Seasons and Cycles

Grade: K-2

Topic: Science

Unit: Seasons

Overview



In this lesson mini, students learn about seasons and their effects on daily life. They observe and record local weather conditions, exploring how these change over time. Students also make observations at different times of year and relate the amount of daylight to each season.

Ideas for Implementation

Science
Library media

Literacy
Learning centers

Lesson Minis

Personalize learning and boost engagement using these modular minis—ideal for **lesson planning, sub plans, and real-world extension activities**.

GRAPHIC ORGANIZERS

GRADE: K-2, 3-5, 6-8, 9-12, UNIV

2-Circle Venn Diagram

GRADE: K-2, 3-5, 6-8, 9-12, UNIV

VIEW

3-Circle Venn Diagram

GRADE: K-2, 3-5, 6-8, 9-12, UNIV

VIEW

5Ws and 1H

GRADE: K-2, 3-5, 6-8, 9-12

VIEW

Analyzing Figurative Language

GRADE: 6-8, 9-12

VIEW

Animal Research

Annotating Text

Autobiography

Body Biography

Graphic Organizers

Visual tools such as **diagrams, charts, and structured visuals** support student understanding of relationships, processes, and concepts, **making complex ideas easier to grasp**.



Interested?

Visit teachbritannica.com to access free resources and tools for your classroom!



Need help? Contact us for product and technical support:

edsupport@eb.com

(800) 621-3900

britannicaeducation.com