

Living Things • Force • Greek Mythology • Tsunami • Heredity • Pacific Ocean • Ethiopia • Space Exploration • Environmental Pollution • Adaptation • Rainforest • Whale • Turkey • Cat • Muhammad Ali • Indus Valley Civilization • Diversity • Aztec • Nervous System • Speed • Fish • Artifact • Silk Road • Octopus • Homeric Legend • Penguin • Angelo • Jupiter • Apollo • Photo • Butterfly And Moth • John • Great Wall Of China • Malala Yousafzai • Technology • Portugal • Cleopatra • Technology • Portugal • Cloe • Nefertiti • Mercy Otis Warren • Scotland • Columbian Exchange • Ballet • Guinea Pig • Legendary Animals • Money • Telegraph • Hip-Hop • Sea Horse • Smallpox • Iron • Poaching • Singapore • The Battle Of Waterloo • Rain • Santa Claus • Seven Wonders Of The World • Pony Express • Fast Food • March On Washington • Music • Buddha • Mountains • Telegraph • Hip-Hop • Sea Horse • Smallpox • Iron • Poaching • Singapore • The Battle Of Waterloo • Rain • Ballet • Guinea Pig • Legendary Animals • Money • Telegraph • Hip-Hop • Sea Horse • Smallpox • Iron • Poaching • Singapore • The Battle Of Waterloo • Rain • National Park • Landslide • Organism • Human Migration • Selena • Money • Pottery And Pottery • Queen Antoinette • William • Frank Lloyd Wright • London • Princess Of Wales • Nannies • Thomas Paine • Culture • Golden Retriever • Monkey • Rock • North



**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.

4

Articles

Understand article layouts for a seamless learning experience.

6

Navigation and Learning Features

Find tools that enhance engagement and accessibility for all learners.

9

Enhanced Differentiation and Integration

Learn how to generate effective information discovery.

10

Early Elementary Level

Explore the layout and features designed for early elementary learners.

12

Elementary Level

Discover tools and resources tailored for elementary students.

14

Middle Level

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

16

High Level

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

19

Teach Britannica: Resources for Educators

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

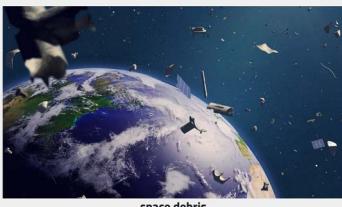
Meet the go-to resource for today's classrooms

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

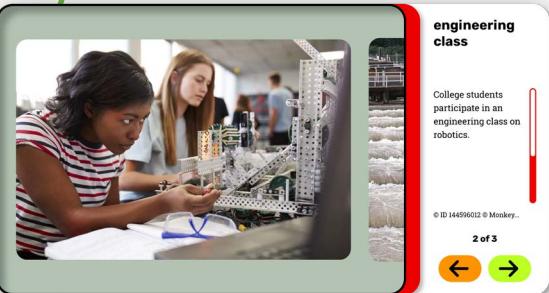
No matter the level, Britannica School's articles are designed for quick navigation and readability, making information easy to find, engaging, and accessible. The layout reduces cognitive load, helping students stay focused.



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.



Inline Visuals

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

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.

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*tic*a

geographical name \(')ant-ärk-ti-ka, -ärkt-i- \ \(\)

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

[See full definition](#)

Definitions provided by



Bulleted Lists and Fun Facts

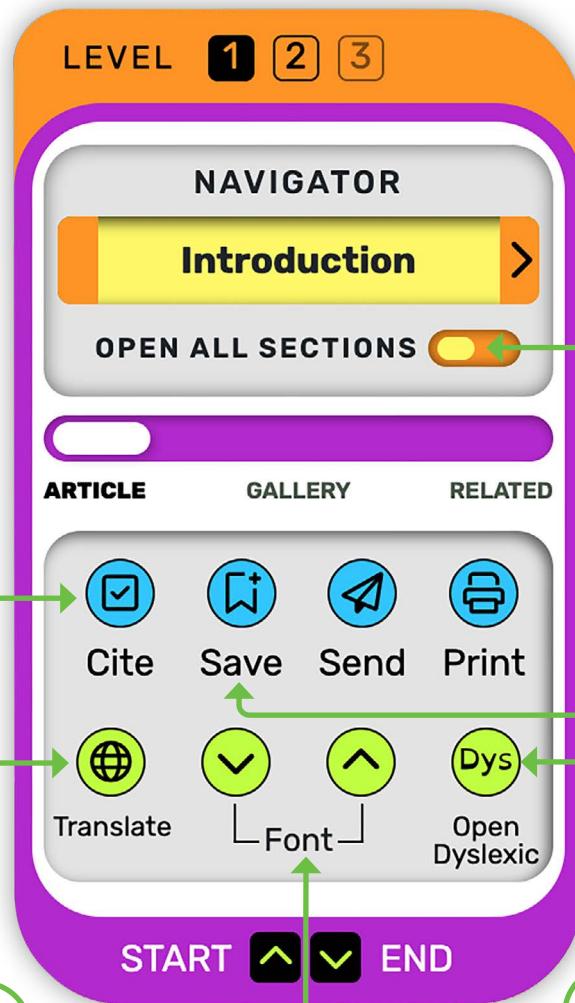
Bulleted lists and fun facts break up text, making it digestible and engaging.

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.



Cite

Britannica simplifies teaching the importance of citing sources. This tool can output four styles at every level: MLA, APA, Chicago, and Harvard.

Translate

Access content in hundreds of languages using this Google-powered translation feature. Hover over translations to strengthen students' English skills by viewing the original text.

Open & Close Sections

Easily open and close all the sections of an article with the flip of a switch.

Save

Save articles for later by **bookmarking** or saving them to a specific **Resource Pack** to stay organized.

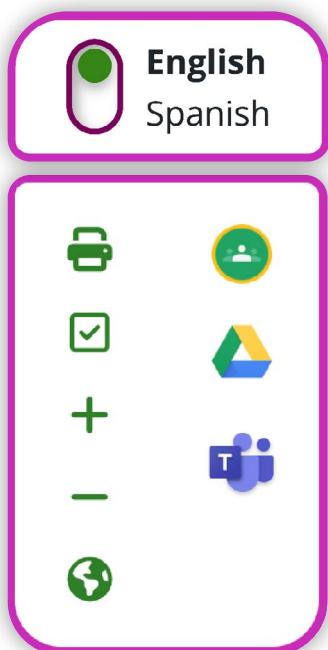
Adjust Font Size

Readers can use these arrows to increase or decrease text for improved readability, ensuring content remains accessible and comfortable for every learner.

OpenDyslexic Font

This tool was designed for students who benefit from dyslexia-friendly text. Weighted bottoms and unique shapes reduce flipping, supporting smoother, distraction-free reading and a more inclusive experience.

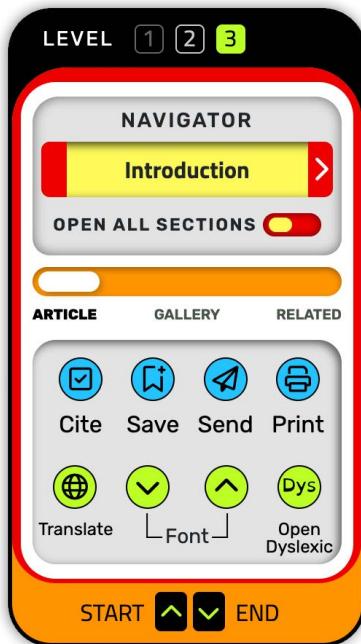
Navigator Tool Across Learning Levels



Young Children



Children



Young Adults



Reference Center



Why Are Some Features Grayed Out in Translated Articles?

When you use the Google Translate tool on Britannica Library, some features—like Cite, Save, Send, 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.

Sending Articles

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

Read-Aloud

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

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 

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.



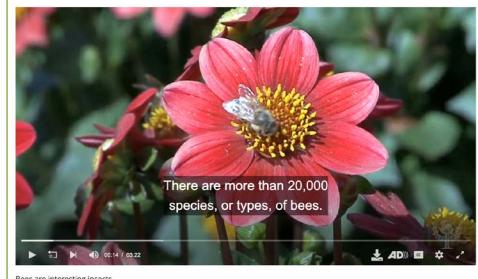
Britannica ImageQuest Integration

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

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



Web's Best Sites

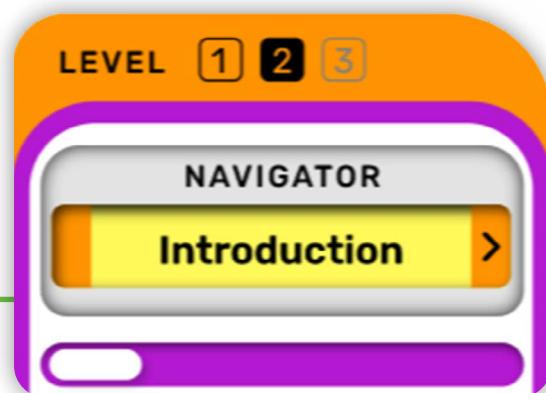
- Biology LibreTexts - Photosynthesis 
- [https://bio.libretexts.org/Courses/Lumen_Learning/Biology_for_Non-Majors_I_\(Lumen\)/04%3A_Metabolic_Pathways/0.0%3A_Photosynthesis](https://bio.libretexts.org/Courses/Lumen_Learning/Biology_for_Non-Majors_I_(Lumen)/04%3A_Metabolic_Pathways/0.0%3A_Photosynthesis)
- 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://openetcbc.ca/biology/chapter/5-1-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://www.pressbooks.pub/bio103/chapter/photosynthesis/>

Web's Best Sites

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

Reading Levels

Easily support or challenge patrons 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.



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!



Britannica School Early Elementary

Yak

English Spanish

0

A yak is an animal with hooves. It is like a big ox.

© Daniel Prudek/stock.adobe.com

Jump to article

Let's Explore

Animals

Our World

Places

People

Science

Nature

See Cool Pictures and Videos

English Spanish

Introduction

Bees are insects. They buzz around.

What Do

ENGLISH ESPAÑOL

in*sect noun \in-sekt\

- any of numerous small invertebrate animals (as spiders or centipedes) that are more or less obviously made up of segments—not used technically
- any of a class of arthropods (as butterflies, true bugs, two-winged flies, bees, and grasshoppers) with the body clearly divided into a head, thorax, and abdomen, with three pairs of jointed legs, and usually with

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.

Introduction

A Cow's Body

A Cow's Life

Cows and People

People raise cows on farms.
They get milk from cows.
They make cheese and butter from cows' milk.
People use cows for meat too.
In some places, cows pull carts or plows.

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.

Abeja

0

1 Una abeja

Las abejas almacenan la miel en un pan

© toktarapat/Shutterstock.com

2 Navega

Inglés Español

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

READ EXPLORE PLAY CREATE

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.



Take a Deeper Look

Check out our [Britannica School: Early Elementary Guided Tour](#) for a detailed view!

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.

Germany

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 separate countries. East Germany was a communist country, while West Germany was a capitalist country. The capital is Berlin.

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 died.

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 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.



click and drag circle left and right to reveal photos

monarch butterfly: larval stage and adult stage

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

Encyclopædia Britannica, Inc.

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.

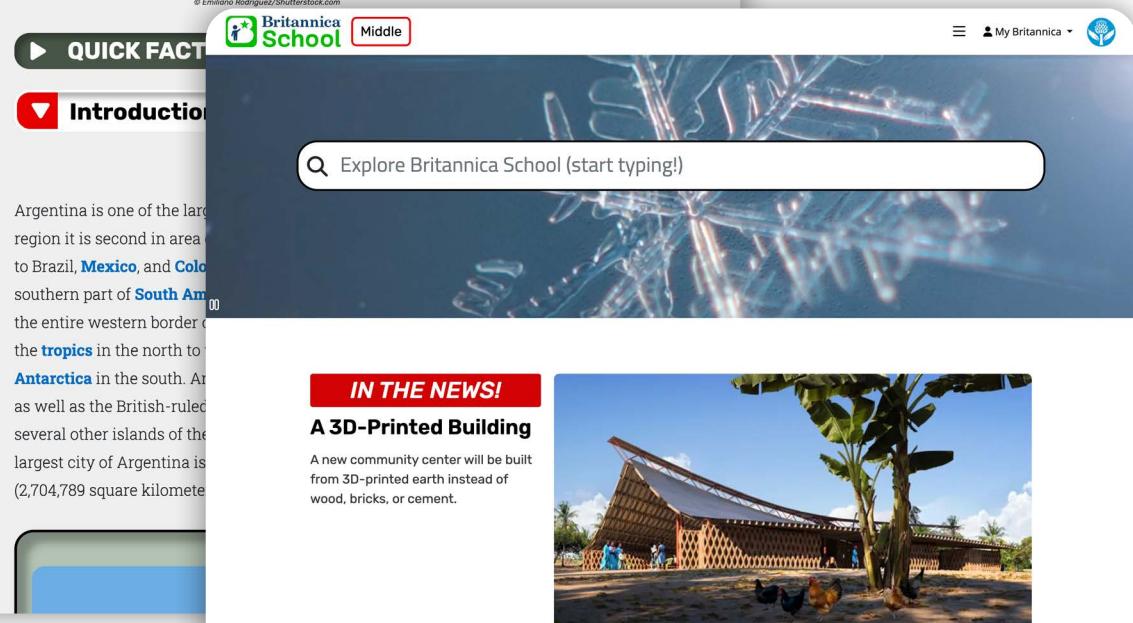


Middle School Level

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.



The image shows the Britannica School interface for the article on Argentina. The main content area features a large image of the Aconcagua mountain range. Below the image is a text box with the heading "Aconcagua" and a description: "Aconcagua is the highest mountain in South America. Part of the Andes Mountains, Aconcagua lies in west-central Argentina." A copyright notice at the bottom reads "© Emiliano Rodriguez/Shutterstock.com". To the left is a sidebar with a "LEVEL" button (set to 1), a "NAVIGATOR" section with "Climate" selected, and various sharing and print options. A progress bar indicates the user is at step 2 of 3. A "SEARCH" bar is at the top right.



The image shows the continuation of the Argentina article. It includes a "QUICK FACTS" section with a play button and the text "Argentina is one of the largest countries in the world. In the region it is second in area only to Brazil, Mexico, and Colombia. It borders Chile to the west and the southern part of South America to the south. Argentina shares the entire western border of the continent with Chile, and it borders the tropics in the north to the subtropics in the south. Argentina is also the southernmost country in the Americas, as well as the British-ruled Falkland Islands and South Georgia and the South Sandwich Islands. It also includes several other islands of the South Shetland Islands. The capital and largest city of Argentina is Buenos Aires, with a total area of 2,704,789 square kilometers." Below this is a "SEARCH" bar with the placeholder "Explore Britannica School (start typing!)".



The image shows a news article titled "IN THE NEWS! A 3D-Printed Building". The text states: "A new community center will be built from 3D-printed earth instead of wood, bricks, or cement." To the right is a photograph of a modern, curved building made of a grid of vertical panels, with several people standing in front of it. Chickens are visible in the foreground.



The image shows a news article titled "ORANGE SHIRT DAY". It features a photograph of a group of people in traditional Indigenous clothing dancing on a grassy field. To the right is a map titled "NATIVE BOARDING SCHOOLS IN THE UNITED STATES 1819-1969" showing the locations of these schools across the United States and Canada. Below the map is a section titled "U.S.: Native Boarding Schools" with the text: "Hundreds of thousands of Native children in the U.S. were forced to attend boarding schools run by the U.S. government." A small note at the bottom right says "A Britannica School Production".

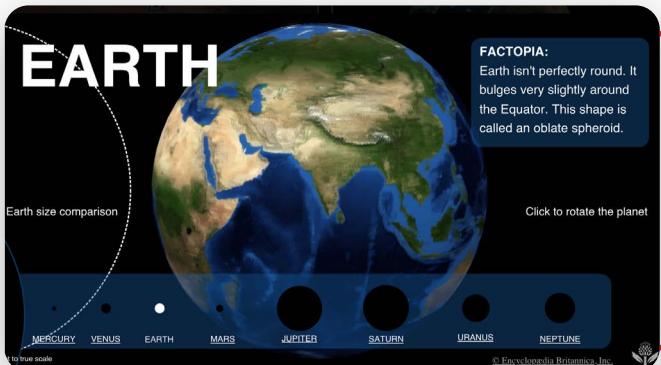
[Play](#)[Word of the Day](#)[Fun Fact](#)

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 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.

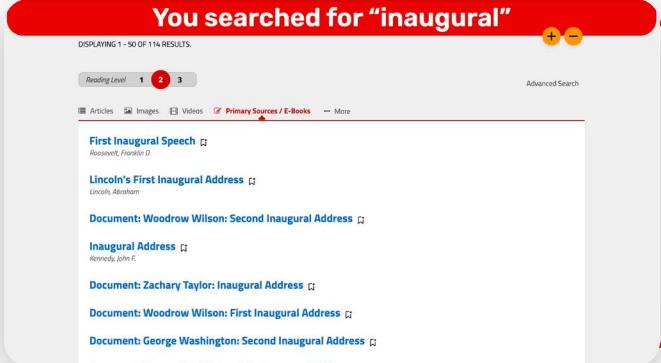


COLLECTIONS DINOSAURS AT A GLANCE

Feathered friends? Lately, scientists have been discovering a few dozen new dinosaur species

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.

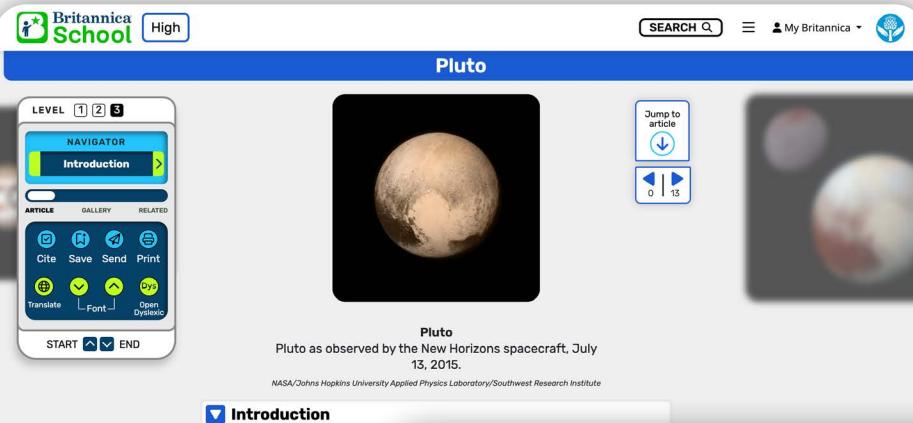


Primary Sources

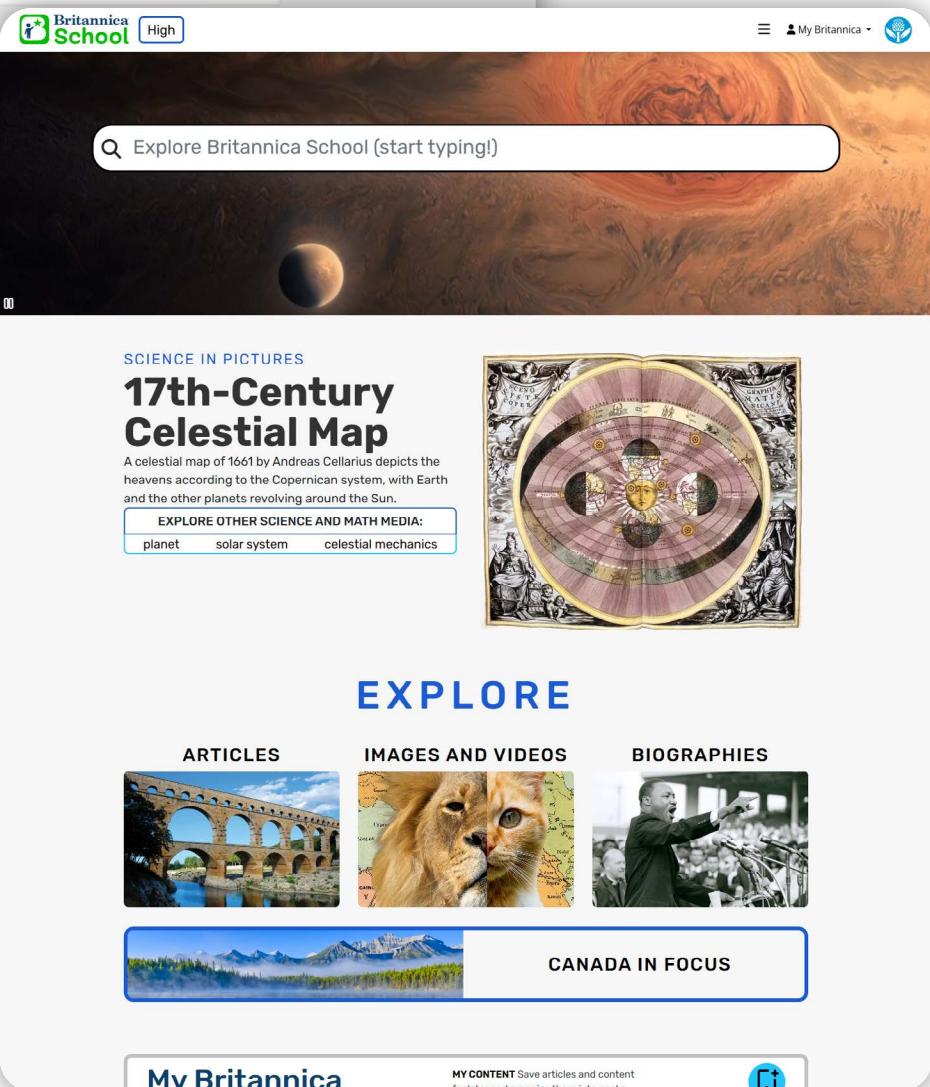
Discover letters, speeches, and other valuable primary source materials to deepen understanding of historical events and perspectives.

High School Level

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



The screenshot shows the 'Pluto' article page. At the top is a large image of Pluto. To the left is a sidebar with a 'LEVEL' button (1, 2, 3), a 'NAVIGATOR' section (Introduction), and various sharing and accessibility options. The main content area includes a sub-image of Pluto and a caption: 'Pluto as observed by the New Horizons spacecraft, July 13, 2015. NASA/Johns Hopkins University Applied Physics Laboratory/Southwest Research Institute'. Below this is the 'Introduction' section, which discusses Pluto's status as a dwarf planet and its classification by the International Astronomical Union.



The homepage features a search bar at the top with the placeholder 'Explore Britannica School (start typing!)'. Below the search bar is a large image of Jupiter with several moons. To the left of the main content area is a sidebar with a yellow logo. The main content area includes a section titled 'SCIENCE IN PICTURES' with the heading '17th-Century Celestial Map'. It features a historical map of the solar system and links to other science and math media. Below this are sections for 'ARTICLES' (with an image of the Pont du Gard), 'IMAGES AND VIDEOS' (with images of a lion and a map), 'BIOGRAPHIES' (with an image of Martin Luther King Jr.), and 'CANADA IN FOCUS' (with an image of a forest). At the bottom is a 'My Britannica' button and a 'MY CONTENT' link.

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 4,132 miles (6,600 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 scientist has discovered in Myanmar a fossilized 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.

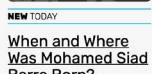
Research Tools

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.

X

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

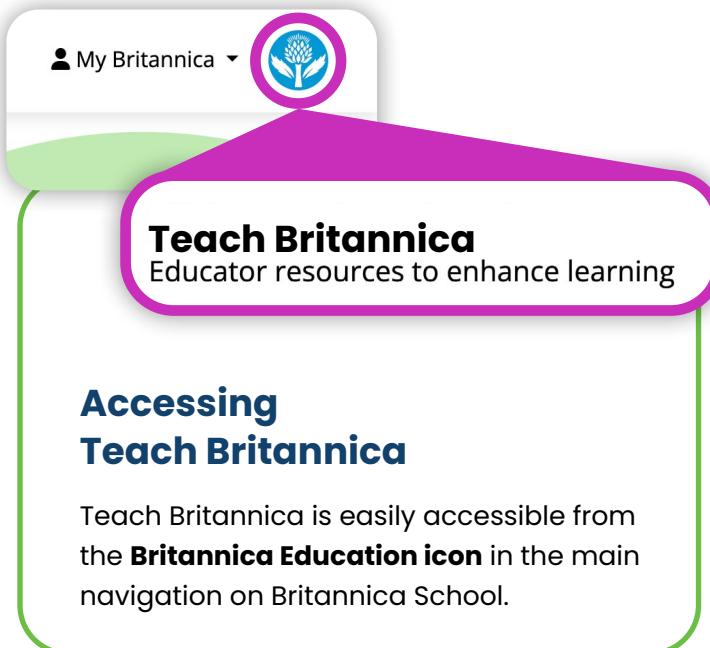
It is NOT open source.

It will NOT write papers for students.

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

Teach Britannica: Resources for Educators

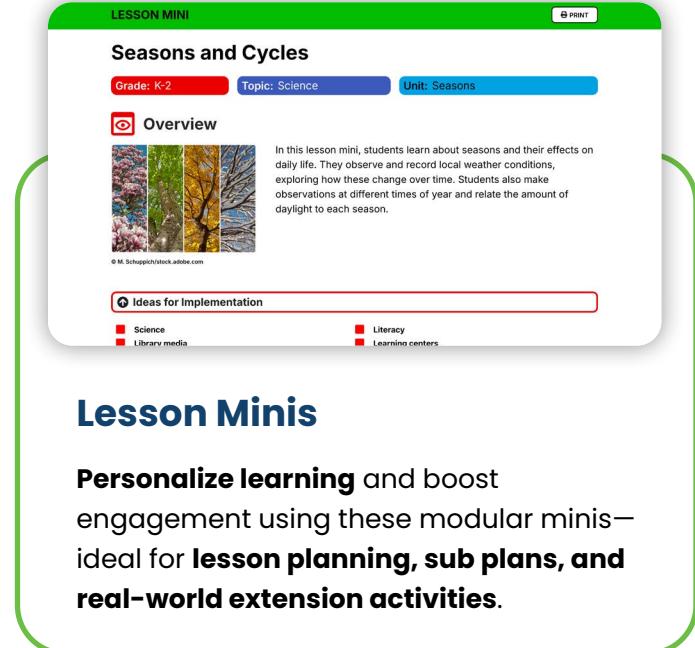
Teach Britannica is an educator's companion, offering ready-to-use resources that support instruction and enrich classroom learning across all levels of Britannica School. Through this dedicated hub, educators can access tools like graphic organizers, instructional strategies, and lesson minis—all designed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



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.



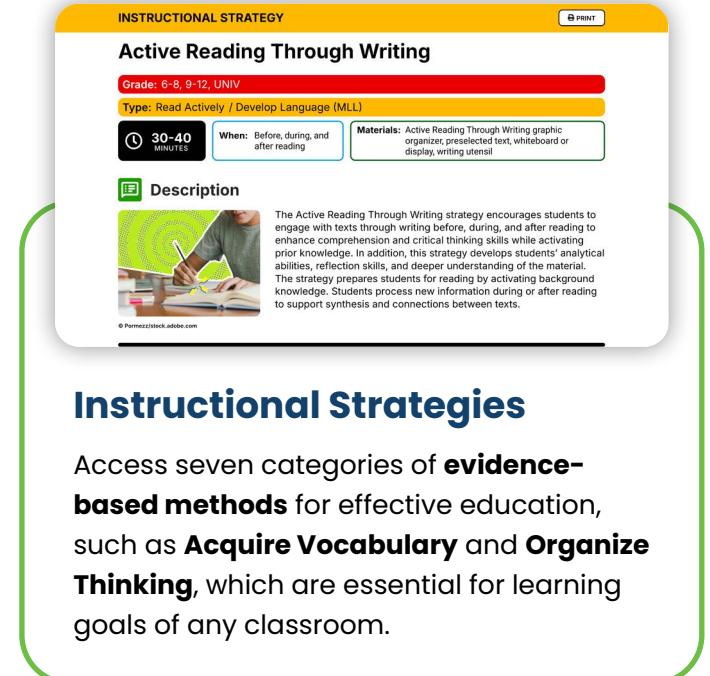
Seasons and Cycles
Grade: K-2 | Topic: Science | Unit: Seasons

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**.



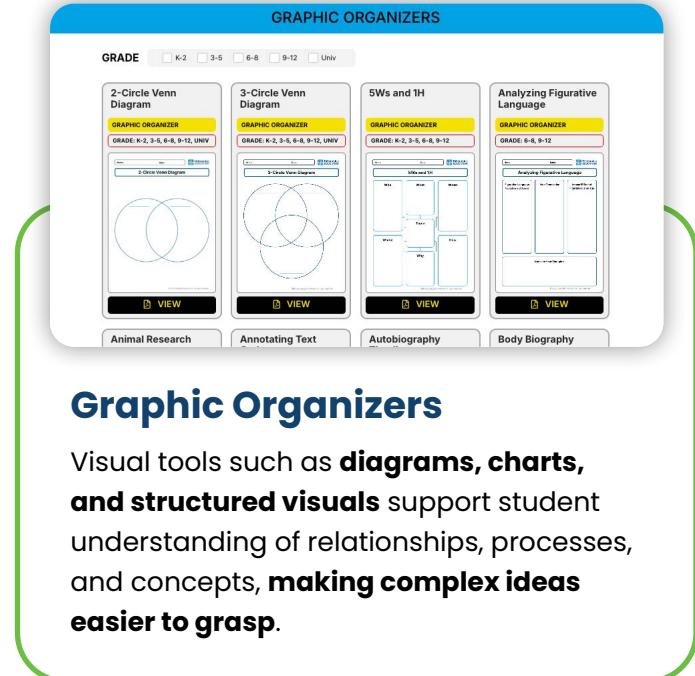
INSTRUCTIONAL STRATEGY
Active Reading Through Writing
Grade: 6-8, 9-12, UNIV | Type: Read Actively / Develop Language (MLL)

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, building vocabulary, and developing higher-order critical 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.



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

2-Circle Venn Diagram
GRADE: K-2, 3-5, 6-8, 9-12, Univ

3-Circle Venn Diagram
GRADE: K-2, 3-5, 6-8, 9-12, Univ

5Ws and 1H
GRADE: K-2, 3-5, 6-8, 9-12

Analyzing Figurative Language
GRADE: 6-8, 9-12

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**.



Britannica[®]
EDUCATION

Need help? Contact us for product and technical support:

edsupport@eb.com

[\(800\) 621-3900](tel:(800)621-3900)

britannicaeducation.com