

# 13 Ways Digital Resources Help You Reach Students



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<https://goo.gl/GGX0cv>

# TexQuest Organization



**Digital Resources for the  
Texas K-12 Education Community**



**Program Administrator**



**Education Partner**

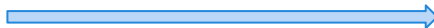
**Content Providers**



# TexQuest Resource Guide



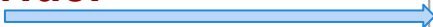
**Content Level**



**Contents of Resource**








**Resource Name & Provider**



**Features in Resource**



Elementary - General Curriculum	Contents	Features
<a href="#">Kids Infobits - Gale</a> 	<b>General Resources</b> <ul style="list-style-type: none"> <li>Magazine &amp; news article</li> <li>Newspaper articles</li> <li>Reference book articles</li> <li>Images</li> </ul>	<ul style="list-style-type: none"> <li>Citation tools</li> <li>Highlights/Notes</li> <li>Google Apps/Persistent links</li> <li>Save to Google Doc</li> <li>Search by Content Level/TEKS correlation</li> <li>text to speech</li> <li>Topic lists</li> </ul>
<a href="#">National Geographic Kids - Gale</a> 	<b>General Resources</b> <ul style="list-style-type: none"> <li>Magazine articles</li> <li>Full text magazines</li> <li>Images</li> <li>Videos</li> </ul> <b>Full-text eBooks</b>	<ul style="list-style-type: none"> <li>Citation tools</li> <li>Highlights/Notes</li> <li>Persistent links</li> <li>Save to Google Doc/Account</li> <li>Search by Content Level/TEKS correlation</li> <li>text to speech</li> <li>Topic lists</li> <li>Translations</li> </ul>
<a href="#">Encyclopedia - Britannica</a> 	<b>General Resources</b> <ul style="list-style-type: none"> <li>Encyclopedia articles</li> <li>Magazine articles</li> <li>Primary sources</li> <li>Images</li> <li>Videos</li> <li>Lesson plans</li> </ul>	<ul style="list-style-type: none"> <li>Citation tools</li> <li>Highlights/Notes</li> <li>Persistent links</li> <li>Save to Account</li> <li>Search by Content Level/TEKS correlation</li> <li>Text to speech</li> <li>Topic lists</li> <li>Translations</li> </ul>
<a href="#">SIRS Discoverer - ProQuest (New)</a> 	<b>General Resources</b> <ul style="list-style-type: none"> <li>Magazine and news articles</li> <li>Reference book articles</li> <li>Images</li> <li>Websites</li> <li>Interactive learning gam</li> </ul> <b>Full-text eBooks</b>	<ul style="list-style-type: none"> <li>Citation tools</li> <li>Highlights/Notes</li> <li>Persistent links</li> <li>Save to Google Doc/Account</li> <li>Search by Content Level/TEKS correlation</li> <li>text to speech</li> <li>Topic lists/Topic finder</li> <li>Translations</li> </ul>
<a href="#">Learning Zone - Britannica</a> 	<b>General Resources</b> <ul style="list-style-type: none"> <li>Focus on early elementary</li> <li>Interactive learning gam</li> <li>Lesson plans</li> </ul>	<ul style="list-style-type: none"> <li>Citation tools</li> <li>Highlights/Notes</li> <li>Google Apps/Persistent link</li> <li>Save to Account</li> <li>Search by Content Level/TEKS correlation</li> <li>Text to speech</li> <li>Topic lists/Topic finder</li> <li>Translations</li> </ul>



**Alan C. Miller**

@alancmiller0926

 Follow

New Stanford study finds most high school students unable to assess the credibility of news and information:



# Content: Authoritative News & Reference

The screenshot displays the Gale Opposing Viewpoints in Context interface. At the top, the site logo and navigation options are visible. The search results page is titled "Espionage and Intelligence" and includes a featured article about Alexander Hamilton. A sidebar on the left provides filtering options for source type, grade level, and availability. A secondary sidebar on the right lists various content types available on the page.

**GALE** OPPOSING VIEWPOINTS  
IN CONTEXT

Browse Issues Maps Curriculum Standards

Topic

## Espionage and Intelligence

Wars are not won and lost only on the battlefield. Information and secrecy are also vital as rival states angle for military and geopolitical advantage. This is why governments throughout history have used *espionage*—covert techniques to acquire, withhold, or use sensitive information. The collection and assessment of strategic information, and that information itself, are also known as *intelligence*. Today, all the world's major governments employ spies in times of peace as well as war, and their mysterious, dangerous work is integral to state power. Espionage has been going on for just about as long as war itself, and references...[View More](#)

**On This Page**

- Featured Viewpoints 6
- Viewpoints 83
- Statistics 15
- Images 7
- Reference 54
- Biographies 1
- Magazines 1,192
- Audio 391
- News 8,474
- Academic Journals 233
- Videos 33
- Primary Sources 7
- Websites 11
- Related Topics

**The Life and Legacy of Alexander Hamilton**  
*Social Studies for Kids; Sep 22, 2015; Lexile Measure: 1100; Grade Levels: 7,8,9,10*  
"Alexander Hamilton, known as America's first Secretary of the Treasury, is arguably one of the people most responsible for both the Constitution and the economic framework of the U.S. Government. Born in obscurity, he enjoyed a meteoric rise to stardom and then suffered an equally surprising death. In between, he gained for himself recognition far beyond his years." (*Social Studies for Kids*)  
Read about the life and legacy of Alexander Hamilton.

**Hamilton Grange National Memorial**  
*Hamilton Grange National Memorial (U.S. Department of the Interior); 1993; Lexile Measure: 1280; Grade Levels: 10,11,12*  
Alexander Hamilton "has been called an administrative genius, and his accomplishments as the first Secretary of the United States Treasury, beginning in 1789, support the statement" (HAMILTON GRANGE NATIONAL MEMORIAL). After leaving the political arena, Hamilton returned to the practice of law and built himself a home in the country—Hamilton Grange. A brief review of the life and times of Alexander Hamilton are presented.

**Alexander Hamilton, Young Statesman**  
*Young Patriots Series: Alexander Hamilton; 2008; Lexile Measure: 600; Grade Levels: 2,3*  
"In 1787, Alexander [Hamilton] helped organize the Constitutional Convention that created the American Constitution... Alexander's portrait appears on the ten-dollar bill. He is one of only two non-presidents to have his face on American currency." (*Alexander Hamilton, Young Statesman*) Read about the childhood and young life of Alexander Hamilton. His education and his journey to the American Colonies are described.

Alexander Hamilton

Sort By  
Date  
Relevance  
Lexile (high to low)  
Lexile (low to high)

Source Type  
Newspapers 26  
Magazines 50  
Reference 55  
Images 6  
Websites 0

Grade Level (Lexile Range)  
1st Grade (190L - 530L)  
2nd Grade (520L - 650L)  
3rd Grade (620L - 820L)  
4th Grade (740L - 940L)  
5th Grade (830L - 1010L)  
6th Grade (935L - 1070L)  
7th Grade (970L - 1120L)  
8th Grade (1010L - 1185L)  
9th Grade (1050L - 1260L)  
10th Grade (1080L - 1335L)  
11-12th Grade (1185L - 2500L)

Available Format  
PDF

# Content: Images, Audio, & Video Files

Britannica School Middle lions

Students Educators Help

My Britannica

Level 1 Level 2 Level 3


## You searched for "lions"

DISPLAYING 1 - 10 OF 905 RESULTS.

**lion (mammal)** ☆  
lion | (Panthera leo) , large, powerfully built cat (family Felidae) that is second in size only to the tiger. The proverbial "king of beasts;" the lion ...

**sea lion (mammal)** ☆  
sea lion | any of five species of eared seal s found primarily in Pacific waters. Sea lions are characterized by a coat of short, coarse hair that lacks a ...

IMAGES RELATED TO THIS SEARCH: [SEE ALL IMAGES](#)



**Lion of Fo (Chinese art)** ☆  
Lion of Fo | also called Lion of Buddha , Dog of Fo, or Shishi (Chinese: "stone lion") In Chinese art , stylized figure of a snarling lion. Its ...

ARTICLES  
IMAGES  
VIDEOS  
DICTIONARY  
MAGAZINES  
WEB'S BEST SITES  
PRIMARY SOURCES / E-BOOKS

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GALE RESEARCH IN CONTEXT Search...

Advance Bookmark More

Browse Topics Curriculum Standards

Home Geography **Brazil**

## Brazil



Situated on the east-central coast of South America, Brazil is the largest country in South America and the fourth-largest in the world in continuous area, ranking after Russia, Canada, and China (the United States is larger with Alaska, Hawaii, and the dependencies included). Occupying nearly half of the South American continent, it covers an area of 8,514,877 square kilometers (3,287,594 square miles). Sharing borders with all continental South American countries except Ecuador and Chile, Brazil has a total land boundary length of 16,885 kilometers (10,492 miles) and a coastline of 7,491 kilometers (4,655 miles). Brazil's capital city, Brasilia, is located in the southeastern part of the country.


**QUICK FACTS >**  
Brazil


The northern part of Brazil is dominated by the basin of the Amazon...


[Read More](#)

**REFERENCE** | 46  
2002 World Cup Yields Surprises, June...  
Historic World Events. 2004. Word Count: 874.  
It was a hallmark of the fact that the 2002 World Cup had been among the most eventful ever that when it was over, more than one commentator included Brazil's victory among the surprising events of the year's...

**BIOGRAPHIES** | 2  
Pelé.  
DIScovering Biography, 2003. Word Count: 2114.  
The Life and Times of Pelé (1940-) At the time of Pelé's birth:Franklin Roosevelt was president of the United States.France, Belgium, the Netherlands, Luxembourg, Denmark, Norway and Romania fell to the Germans.The Nazis...

**IMAGES** | 36  
  
Sustainable Foundation and...

**VIDEOS** | 38  
  
In Rio, Pacification Without...

**AUDIO** | 162  
  
As Brazil's Largest City...

**MAGAZINES** | 624  
Brazilian science paralyzed by economic...  
Nature. (Oct. 1, 2015) Word Count: 1037. Reading Level (Lexile): 1470.

# Content: Primary Source Material

Brought to you by   Middle  [Students](#) [Educators](#) [Help](#)

## Did You Know?



The Wright brothers experimented with gliders before building their first plane.



Mars is a rusty planet.




The name armadillo means "little armored one."

## Recommended U.S. Primary Sources


Find letters, speeches and other U.S. primary source materials, including documents specified in state standards.

- Patrick Henry's speech to the second Virginia Convention (1775)
- Declaration of Independence (1776)
- Constitution of the United States of America (1787)
- Federalist papers, number 10 (1787-88)
- Federalist papers, number 51 (1787-88)
- Bill of Rights (1791)
- President George Washington's Farewell Address (1796)
- Monroe Doctrine (1823)
- Emancipation Proclamation (1863)
- Gettysburg Address (1863)
- President Abraham Lincoln's Second Inaugural Address (1865)
- President Franklin D. Roosevelt's Annual Message to Congress (1941)
- Civil Rights Act (1964)

## At a Glance



Leaders of all types have helped to shape the world.



What lies beyond one's physical limitations has always been of interest to humans.



In most countries, the capital is the headquarters of the national government.

## New & Revised Articles

September 19, 2018	Arthur Mitchell
September 18, 2018	Ganeshha
September 18, 2018	Windradyne <b>NEW</b>
September 18, 2018	Egypt
September 18, 2018	Hishikawa Moronobu
September 18, 2018	Pemulwuy <b>NEW</b>
September 17, 2018	trampoline
September 17, 2018	Eureka Stockade <b>NEW</b>

[▶ See all](#)

## Additional recommendations:

- constitution
- address
- declaration
- Lincoln
- inaugural
- president
- Washington

# Content: Resources for Educators

Welcome, Ann | My Account | Sign Out

Search · Browse · Author & Book Resources · Popular · Help · Pricing · About · Contact · Follow Us

Texas Library Association — Welcome to TeachingBooks.net

### Books come to life with this engaging collection of resources

Resources for My Books

Book readings · Videos · Lesson plans

Enter a book title - get resources Search Explore

Enrichment for what I'm reading

Authors! Learn directly from authors

Teach Diverse Books Reinforce cultural authenticity

Literacy Connections Manage reading instruction

Video Tour of TeachingBooks

TODAY ON TEACHINGBOOKS.NET

Yanqui Delgado Wants to Kick Your Ass by Meg Medina

The Book Thief by Markus Zusak

LITERARY CALENDAR MAY 11 2016

HOW TO USE TEACHINGBOOKS.NET

Help, Support, and Promotional Materials for Texas Library Association

teachingBooks.net Email this page Text QR Flyer Bookmark Share this page Citation

One Sheet - TexQue...docx 8\_school\_Mid.jpg Britannica Learning Zo...jpg ebd1\_logos-10-05-20...zip Show All

Britannica School Middle Search

Students Educators Help

My Britannica : My Content | Lesson Plan Browse | Log Out

## Educators

### Explore Britannica

- ARTICLES
- IMAGES AND VIDEOS
- BIOGRAPHIES
- WORLD ATLAS
- COMPARE COUNTRIES
- TOUR THE U.S.A.
- MY CONTENT
- LESSON PLAN BROWSE

### Curriculum Standards Browse

STANDARD TYPE

- US State Standards
- Canada Standards
- International Baccalaureate Organization Standards
- Other Standards

View Results

### Tutorials, Guides and Training

- Online Training
- Britannica School User Guide
- Learning Zone Resources
- Video Tutorials
- Professional Development and Support



# Content: eBooks



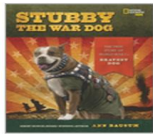
## Robots

Stewart, Melissa.  
Washington, DC: National Geographic Society, 2014. 52 pp.



## Go, Cub!

Neuman, Susan B.  
Washington, DC: National Geographic Society, 2014. 28 pp.



## Stubby the War Dog: The True Story of World War I's Hero

Bausum, Ann, and Curtis Deane.  
Washington, DC: National Geographic Society, 2014. 78 pp.



## National Geographic Kids Ultimate Globetrotting World Games, Activities and More for Hours of Fun

Washington, DC: National Geographic Society, 2014. 260 pp.

## Databases

(Title lists included) [Select another EBSCO service](#)

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ademic Collection (EBSCOhost)

eBook High School Collection (EBSCOhost)

ness Collection (EBSCOhost)

eBook History Collection (EBSCOhost)

ection (EBSCOhost)

eBook K-8 Collection (EBSCOhost)

ation Collection (EBSCOhost)

Cancel

Caleb Davis Bradham  
: Pap...  
by Ljanas, Sheila  
Griffin

The US Navy  
by Hamen, Susan E.

The US Army  
by Prati, Mary K.



The US Air Force  
by Grayson, Robert



Machu Picchu  
by Meinking, Mary

Mathematics  
Political Science  
Psychology  
Reference  
Religion  
Sciences  
Self-Help & Family  
Social Sciences  
Sports & Games



YouTube: The  
Company and...  
by Rowell, Rebecca



Social Networking :  
MySpa...  
by Lusted, Marcia  
Amidon



Internet Censorship :  
Pro...  
by Wachora-Walke,  
Christine



Computer-assisted  
Teachin...  
by Ferguson, George  
M...



Public Libraries and  
Inte...  
by McClure, Charles  
R...



Super Searchers Go  
to Sch...  
by Valenza, Joyce  
Kiserman...



Weaving a Library  
Web : A...  
by Blowers, Helena...

# Features: Citation Tools

The screenshot shows the top navigation bar of the Britannica School High website. The page title is 'Volcano'. Below the title, there are tabs for 'Article', 'Images & Videos', and 'Related'. A sidebar on the left contains a list of sub-topics: Introduction, Volcanic eruptions, Volcanic landforms, Hot springs and geysers, Volcanism and tectonic activity, Volcanoes and geothermal energy, List of the world's major volcanoes, and Additional Reading. The main content area features an 'Introduction' section with an image of a volcano and a video player. The text discusses the composition of volcanoes and their activity.

The screenshot displays the Gale Educators Reference Complete website. The article title is 'Transition to Online Testing Sparks Concerns'. A 'Citation' pop-up window is open, showing the citation information for the article. The citation is formatted in MLA 7th Edition style. The citation text is: Gewertz, Catherine. "Transition to Online Testing Sparks Concerns." Education Week 30 Oct. 2013: 1. Educators Reference Complete. Web. 27 Jan. 2016. The URL is http://go.galegroup.com/ps/i.do?i&GALEXCA348735367&v=2.1&u=esc206&it=r&p=PROF&sw=w&asid=c2377899da34f7c6e&w=600&h=103. The citation tool interface includes options for 'Download' and 'Select', and an 'Export' section with buttons for EasyBib, EndNote, ProCite, Reference Manager, RefWorks, and Save to Google Drive™.

# Features: Highlight and Take Notes

The screenshot displays the Gale Research in Context interface. At the top, there are navigation links for "Logout", "My Library Links", and "Sign in with Google". The main header features the "RESEARCH IN CONTEXT" logo and a search bar. Below the header, there are navigation options for "Browse Topics" and "Curriculum Standards".

The main content area is titled "Hatshepsut" and includes a "Listen" button. The "Full Text" section contains the following text:

*Hatshepsut's reign was distinguished not by battles and conquest but by peace and artistry.*

Ancient Egypt reached the height of its civilization during the Eighteenth Dynasty, which ran from about 1570 B.C. to 1340 B.C. This period also marks the beginning of what is termed the New Empire or New Kingdom in the history of Egypt. The pharaohs (rulers) of the Eighteenth Dynasty conquered territory in Asia as far east as the Euphrates River in present-day Syria. They also erected great buildings and temples around the capital city of Thebes. Hatshepsut was the sole female ruler during this period. Her reign was distinguished not by battles and conquest but by peace and artistry. Although later male kings tried to erase her memory, she is recognized today as one of the greatest female leaders of the ancient world.

Born around 1520 B.C., Hatshepsut was the oldest of two daughters born to Pharaoh Thutmose I and Queen Ahmose. Since she was female, Hatshepsut could not claim the throne. Therefore, at an early age, she was forced to marry her half-brother, Thutmose II, to secure his claim to the throne. The two began ruling Egypt around 1479 B.C. unexpectedly after only a few years. Since he and Hatshepsut were both young, Hatshepsut and Thutmose II ruled Egypt as co-regents. Thutmose II, however, died young, and Hatshepsut had to rule Egypt as his regent (the person who rules for another person).

A year after becoming regent, Hatshepsut sent a large expedition to the quarries of Syene (present-day Aswan). She instructed her su...

The interface includes a "Tools" sidebar on the right with options: Citation Tools, E-mail, Download, Print, Highlights and Notes (2), Save, Download MP3, and Share. A "Translate Article" dropdown menu is also present.

A note-taking tool is open over the text, showing a text input field with the text "Who was her sister?" and a "Save" button below it.

# Features: Google Apps & PermaLinks

Resource Links | Highlighted Articles | Sign in with Google | My Folder (0) | Search History | English | End Session | Help | Dictionaries

GALE ARTEMIS LITERARY SOURCES

Please enter search term [ ] Advanced Search

Home | Term Frequency | Topic Finder | What's Inside | Gale Literary Index | Bookmark

Search Results

Citation Tools | E-mail | Download | Print | Highlights and Notes (0) | Translate Article | Listen | Download MP3

within publication

**An Interview with Elie Wiesel**  
Elie Wiesel · Brian Shaffer and Robert Franciosi  
Contemporary Literature 28.3 (Fall 1987): p281-300. Rpt. in  
Contemporary Literary Criticism Select · Detroit: Gale. From Literature Resource Center.  
Full Text: COPYRIGHT 2008 Gale, Cengage Learning

Related Subjects:  
Holocaust literature  
The Fifth Son (Novel)  
Wiesel, Elie

[[Interview date fall 1987] In the following interview, Wiesel discusses his literary philosophy, the role of history in his work, and the impact of Holocaust literature.]

The public and private worlds of Elie Wiesel seemed to come together as we talked in his Manhattan office. From

## Persistent Links

## Google Apps for Education

## Resource Packs

Brought to you by | Request | Britannica School/High | Search | Students | Educators | Help

My Britannica | Lesson Plan Browse | Log Out

### My Content

Welcome, **ayoral**

All Favorites 52 items  
Create a new resource pack  
0 What are Resource Packs?

elie wiesel 2 items  
foods 7 items  
lions 4 items  
sharks 4 items  
american revolution 2 items  
desert 3 items  
elephant 0 items  
civil war

elie wiesel 2 items  
ARTICLE  
the systematic state-sponsored killing of six million Jewish men, women, and children and millions of others by Nazi Germany and its collaborators during World War II. The...

Read article and make connections to events in the novel.

elie wiesel 2 items  
ARTICLE  
(born September 30, 1928, Sighet, Romania; Romanian-born Jewish writer, whose works provide a sober yet passionate testament of the destruction of European Jewry during...

Read article and make connections to events in the novel.

# Features: Save to Google, Microsoft, File

The screenshot displays the Gale Research in Context interface. At the top, there is a navigation bar with 'Logout', 'My Library Links', and 'Sign in with Google'. Below this is the 'RESEARCH IN CONTEXT' header with a search bar and icons for 'Advanced', 'Bookmark', and 'More'. The main content area shows search results for 'Hatshepsut' from 'UXL Biographies, 2003'. A 'Tools' sidebar on the right offers options like 'Citation Tools', 'E-mail', 'Download', 'Print', 'Highlights and Notes (2)', 'Save', 'Download MP3', and 'Share'. Below the search results, there is a section for 'Polar Bear: Expert Hunters' from 'Polar Bear, 2001'. This section includes a 'Listen' button and a 'Full Text' area with descriptive text about polar bears. A 'Tools' sidebar for this article also includes 'Citation Tools', 'E-mail', 'Download', 'Print', 'Highlights and Notes (0)', 'Save', 'Download MP3', and 'Share'. A text box with the prompt 'Who was her sister?' and a 'Save' button is overlaid on the article text.

Logout My Library Links Sign in with Google

GALE RESEARCH IN CONTEXT Search... Advanced Bookmark More

Browse Topics Curriculum Standards

Home > Cultures > Ancient Egypt > Document

Hatshepsut  
UXL Biographies, 2003.

Known As: Hatshepsut, Queen of Egypt; Hatiasu, Queen of Egypt; Hathepsut, Queen of Egypt; Queen Hatshepsut; Hatshepsut, Pharaoh of Egypt

- 1458 B.C.)

distinguished not by battles and conquest but by peace

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This period also marks the beginning of what is termed the New Empire  
y of Egypt. The pharaohs (rulers) of the Eighteenth Dynasty conquered  
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ie was forced to marry her half-br  
o began ruling Egypt around 141  
years. Since he and Hatshepsut  
d the throne. Thutmose III, howev  
gypt as his regent (the person w

Who was her sister?

Save

Tools

- Citation Tools
- E-mail
- Download
- Print
- Highlights and Notes (2)
- Save
- Download MP3
- Share
- Translate Article
- Related Subjects

Home > Animals > Animal Related Subjects > Carnivores > Document

Polar Bear: Expert Hunters  
Polar Bear, 2001.

COPYRIGHT 2000 Blackbirch Press, a part of Gale, Cengage Learning

Listen

Full Text:

Polar bears are mainly carnivores. They gain most of their weight in winter, when they hunt seals on the ice. Ringed seals are the main winter food of polar bears. They will also eat harp, hooded, and bearded seals. Larger prey is more difficult for the bears to kill. The larger prey can also injure the bear. Sometimes bears may eat dead walrus and whales that wash up on shore.

Polar bears have several clever ways to catch seals. Because seals are mammals, they must come to the water's surface to breathe. A bear will wait for the seal to use a breathing hole in the ice. A polar bear may also creep up on resting seals. The bear may cover its black nose with its white paws, which makes it hard for a seal to see the bear against the snow. Bears may also float motionless in the water. A seal sometimes mistakes a

Tools

- Citation Tools
- E-mail
- Download
- Print
- Highlights and Notes (0)
- Save
- Download MP3
- Share

# Features: Search by Content/Lexile

Logout My Library Links Sign in with Google

GALE STUDENT RESOURCES IN CONTEXT

Browse Topics Maps Curriculum Standards

Advanced Search

Advanced Search

Search for  in

And  in

And  in

[Add row](#) [Delete row](#)

More Options

Full Text Documents

Peer Reviewed Journals


Publication Date

All  Before  On  After  Between

Document Type

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

Select learning for any level.



Elementary	Middle	High
<p>Search <input type="text"/></p> <ul style="list-style-type: none"><li>• Look for people, places, and things.</li><li>• Watch and learn with videos and animations.</li><li>• Have fun with games and activities.</li></ul>		

# Features: TEKS Correlation

## Educators

### Explore Britannica



ARTICLES



IMAGES AND VIDEOS

### Curriculum Standards Browse

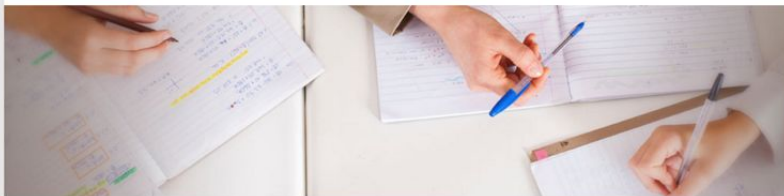
STANDARD TYPE

US State Standards

STANDARD

### Curriculum Standards

Curriculum Standards are created and published by each state in order to convey the educational requirements.



Texas

Science: Essential Knowledge and Skills—Middle School

Adopted in 2010/2011

Reproduced with permission of the Texas Education Agency

Show standards from the following grade:

[Collapse All](#) | [Expand All](#)

112.18. Grade 6 (Grade: 6)

112.19. Grade 7 (Grade: 7)

112.20. Grade 8 (Grade: 8)

- 1 Scientific investigation and reasoning.: The student, for at least 40% of instructional time, conducts laboratory and field investigations following safety procedures and environmentally appropriate and ethical practices.
- 2 Scientific investigation and reasoning.: The student uses scientific inquiry methods during laboratory and field investigations.
- 3 Scientific investigation and reasoning.: The student uses critical thinking, scientific reasoning, and problem solving to make informed decisions and knows the contributions of relevant scientists.
- 4 Scientific investigation and reasoning.: The student knows how to use a variety of tools and safety equipment to conduct science inquiry.

A use appropriate tools to collect, record, and analyze information, including lab journals/notebooks, beakers, meter sticks, graduated cylinders, anemometers, psychrometers, hot plates, test tubes, spring scales, balances, microscopes, thermometers, calculators, computers, spectrosopes, timing devices, and other equipment as needed to teach the curriculum; and

Related subjects: [Anemometers](#) | [Calculators](#) | [Computers](#) | [Laboratory equipment](#) | [Laboratory notebooks](#) | [Measuring instruments](#) | [Microscopes](#) | [Psychrometers](#) | [Research methods](#) | [Research](#) | [Scales \(Weighing instruments\)](#) | [Spectrosopes](#) | [Thermometers](#) | [Timers](#) | [Search all subjects](#)

B use preventative safety equipment, including chemical splash goggles, aprons, and gloves, and be prepared to use emergency safety equipment, including an eyeface wash, a fire blanket, and a fire extinguisher.

# Features: Text to Speech



The screenshot shows the Kids InfoBits website interface. At the top, there is a green header with the 'kids InfoBits' logo on the left, a search bar in the center with the placeholder text 'Type your search here...' and a magnifying glass icon, and an 'Advanced Search' link with a right-pointing arrow on the right. Below the header is a breadcrumb trail: 'Home > People > Government and Political Leaders > Elizabeth II (United Kingdom) > Document'. The main content area features a yellow square icon followed by the title 'Elizabeth II'. Below the title, it says 'Kids InfoBits. 2012. Word Count: 830.' and a 'Listen' button with a play icon. A media player control bar is visible below the button, showing a progress bar and various icons. The text of the article begins with 'Full Text: COPYRIGHT 2014 Gale, Cengage Learning' and 'Elizabeth Alexandra Mary Windsor is best known as Queen Elizabeth II. Elizabeth is queen of the United Kingdom, or Great Britain. Great Britain includes England, Scotland, Wales, and Northern Ireland.' A highlighted sentence reads: 'Although Elizabeth does not officially rule Great Britain, she does play an important political role. She is expected to know about the issues facing Great Britain.' Below this is a section titled 'Early Years' with a paragraph: 'When Elizabeth was born, her grandfather, George V, was king of Great Britain. Upon his death, Elizabeth's father, George VI, unexpectedly became king after his older brother, Edward, abdicated, or gave up, the throne. Elizabeth was only ten years old when she learned she would one day be queen.'

**Tools**

- Bookmark
- Download
- Share
- Citation Tools
- Highlights and Notes (0)
- E-mail
- Print
- Save
- Dictionary
- Translate Article

**Related Subjects:**





# Features: Translate

The screenshot shows a web browser window displaying a document from Gale. The document title is "Los líderes de la tensión del panel de la inteligencia de la casa necesitan para la legislación cibernética" by Paul Kirby. A translation tool is overlaid on the page, showing the text in Spanish and a "Translate" button. The tool also includes a "Listen" button and a "Options" menu. The background shows the Gale eReader interface with a search bar and navigation buttons.

## Zygote

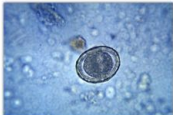
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View search results for:

zygote



CDC/Dr. Moz Melvin

organisms except **bacteria**.

The zygote contains all the essential factors for development, including instructions localized in the genes of chromosomes. It produces proteins until several cell divisions occur, at which point it subdivides into many smaller cells of equal size (a process called cleavage by division). These smaller cells, called blastomeres, are suitable as early building units for the future organism.

Zygote, fertilized **egg** cell that results from the union of a female **gamete** (egg, or ovum) with a male gamete (**sperm**). In the embryonic development of humans and other animals, the zygote stage is brief and is followed by **cleavage**, when the single cell becomes subdivided into smaller cells.

The zygote represents the first stage in the development of a genetically unique organism. The zygote is endowed with **genes** from two parents, and thus it is diploid (meaning it has sets of **chromosomes**). The joining of **haploid** gametes to produce a zygote is a common feature in the sexual reproduction of all

**haploid** adjective \ˈhap-lɔɪd \

- having the number of chromosomes characteristic of germ cells or half the number characteristic of body cells

Definitions provided by Merriam-Webster

nte," representante. Mike la inteligencia y de la ante saliente este año, el it Select Committee on Intelligence this week stressed the ck session after the November election that allows

ime duck," Rep. Mike Rogers (R., Mich.), the panel's id National Security Summit in Washington. "If we don't starts over. And I guarantee you that it will take another

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