



Fall 2017 Training: e-Resources PM Session

SIRS Discoverer and Explora Resources

*This project is made possible by a grant from the Institute of Museum and Library Services
as administered by Pennsylvania Department of Education through the Office of
Commonwealth Libraries, and the Commonwealth of Pennsylvania, Tom Wolf, Governor.*

Learning Goals

At the end of this session you will be able to

- ❑ Navigate SIRS Discoverer and utilize available tools
- ❑ Navigate EBSCO Explora databases and use available tools
 - ❑ Elementary Student Search
 - ❑ Middle School Student Search
 - ❑ High School Student Search
 - ❑ Explora Educator's Edition
 - ❑ Public Libraries
- ❑ Locate lesson plans and activities to use in the library and classroom

SIRS Discoverer



From SIRS Discoverer Libguides Page:

ProQuest SIRS Discoverer is a multidisciplinary database for elementary and middle school learners, researchers, and educators covering curriculum areas such as current events, history, health, language arts, math, science, social studies, and technology. All newspaper, magazine and reference content is 100% full text, editorially-selected and indexed from over 2,200 reliable, high-quality domestic and international sources. The collection includes 9,000 integrated educational weblinks, and reference materials such as the Compton's by Britannica encyclopedia and DK Eyewitness books.

ProQuest SIRS Discoverer supports differentiated instruction by providing Lexile scores, grade level reading , article read-aloud and language translation, age-appropriate article summaries, and automatically generated citations. Teacher and student materials are aligned with curriculum subject areas, research topics and homework help. User-friendly special database features such as "Animal Facts" "Nonfiction Books," "Country Facts," "Pro/Con Leading Issues," "Science Fair Explorer," and "Spotlight of the Month," to further support the curriculum, while engaging students as they identify content needed for research, homework and classwork.

<http://proquest.libguides.com/SIRSDiscoverer>

Content By the Numbers

- 2,100+ sources
- 40,000 high quality images and graphics
- 500+ full text non-fiction books
- 9,000 monitored educational websites
- 3,000 biographies
- 3,000+ current and historical maps
- 400 Country, Province, and State facts
- 300+ editorial cartoons
- 5,600+ activities

<http://proquest.libguides.com/SIRSDiscoverer>

Curriculum Tools

- Standards alignment with US and Common Core standards
- Leading Issues
- Animal Facts
- Visual Literacy Activities
- Non-fiction books
- Spotlight of the Month
- ReadSpeakerText to speech
- Language translation
- Graphic Organizers
- Science Fair Explorer
- Skills Discoverer
- Lexiles and editorially assigned reading levels
- Links to EasyBib
- MLA and APA citation generator
- Copy URL
- Visual Browse
- Social bookmarking
- Student workbooks

<http://proquest.libguides.com/SIRSDiscoverer>

Google Drive and Classroom Integration

The screenshot displays the ProQuest SIRS Discoverer website. At the top, there is a navigation bar with the ProQuest SIRS Discoverer logo, a search bar, and a 'Link Google Account' button. Below the search bar, there are dropdown menus for 'Subjects' and 'Features'. The main content area is divided into several sections:

- Browse Subjects:** A grid of ten subject categories, each with an icon and a label: Arts, Health, History, Language Arts, Math, People, Science, Social Studies, Sports, and Technology.
- Explore Features:** A grid of three feature cards: 'Animal Facts' (with a penguin icon), 'Current Events' (with a calendar icon), and 'Pro/Con Leading Issues' (with a scale icon).
- Spotlight On...:** A large image of the Canadian flag.

A tooltip is visible over the 'Link Google Account' button, containing the following text: "Link your Google Account to save articles to Google Drive or Google Classroom. You must have access to Google Drive or Google Classroom to use this feature."

SIRS Discoverer Logo

The sailboat icon is on every page to easily navigate back to the homepage/landing page

ProQuest® SIRS® Discoverer®

Link Google Account Help

Blog Educators' Resources

Sort by Relevance Advanced Search

Browse Subjects

- Arts
- Health
- History
- Language Arts
- Math
- People
- Science
- Social Studies
- Sports
- Technology

Explore Features

- Animal Facts**
Gather all the facts, pictures and links needed to complete your animal research project.
- Current Events**
Stay on top of the latest news and happenings in the world with articles and pictures.
- Pro/Con Leading Issues**
Dig into debated social issues such as...

Spotlight On...

science journal and pencil

3 slices of bakery bread

dusty surface

salt

sugar

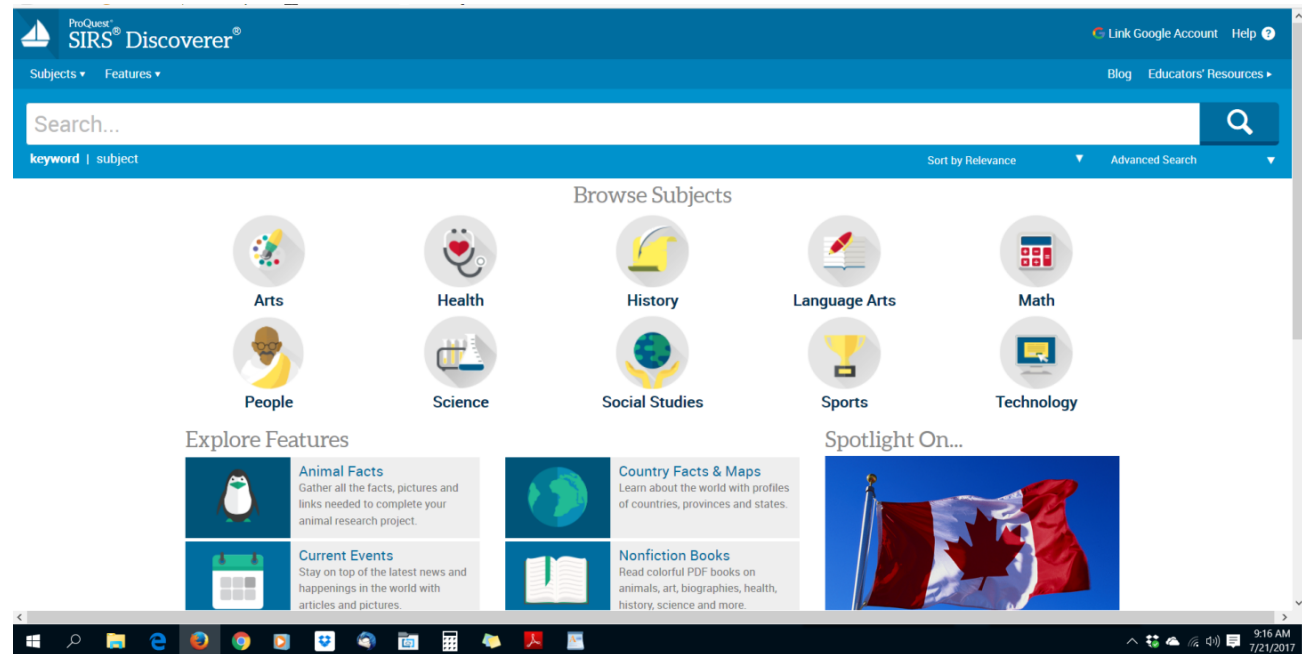
plastic bags

marker

SALE

Navigation--Every Page

- Help
- Subjects
- Features
- Blog
- Educators' Resources
- Search
- Sort by
- Advanced Search



Navigation--Footer

- Mobile
- Curriculum Standards

[Mobile](#) 
[Curriculum Standards](#)

[Contact Us](#)
[Privacy Policy](#)
[Accessibility](#)

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Home Page










ProQuest SIRS Discoverer® [Link Google Account](#) [Help](#)

Subjects ▾ Features ▾ [Blog](#) [Educators' Resources](#) ▾



Search... 

keyword | subject Sort by Relevance ▾ [Advanced Search](#) ▾

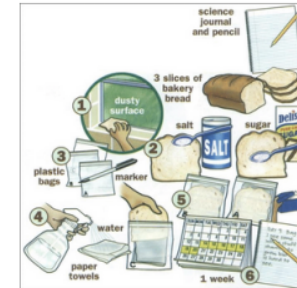
Browse Subjects

 Arts	 Health	 History	 Language Arts	 Math
 People	 Science	 Social Studies	 Sports	 Technology

Explore Features

 Animal Facts Gather all the facts, pictures and links needed to complete your animal research project.	 Country Facts & Maps Learn about the world with profiles of countries, provinces and states.
 Current Events Stay on top of the latest news and happenings in the world with articles and pictures.	 Nonfiction Books Read colorful PDF books on animals, art, biographies, health, history, science and more.
 Pro/Con Leading Issues Dig into debated social issues such as animal rights, bullying, cell phones in school, and more.	 Science Fair Explorer Discover science fair projects using everyday materials found in any home.

Spotlight On...



Summer Science Projects

See the [August Spotlight of the Month](#).

Keyword Search



- Boolean operators
 - AND, OR, NOT
- Truncation
 - farm* -->farmers, farming
- Phrase searching
 - “Climate change”
- Natural language
 - “Is there life on Mars?”

Subject Search



Use Subject search when you have a specific search topic

Browse Subjects--Visual Search











ProQuest® SIRS® Discoverer® Link Google Account Help ?

Subjects ▾ Features ▾ Blog Educators' Resources ▶

Search... Q

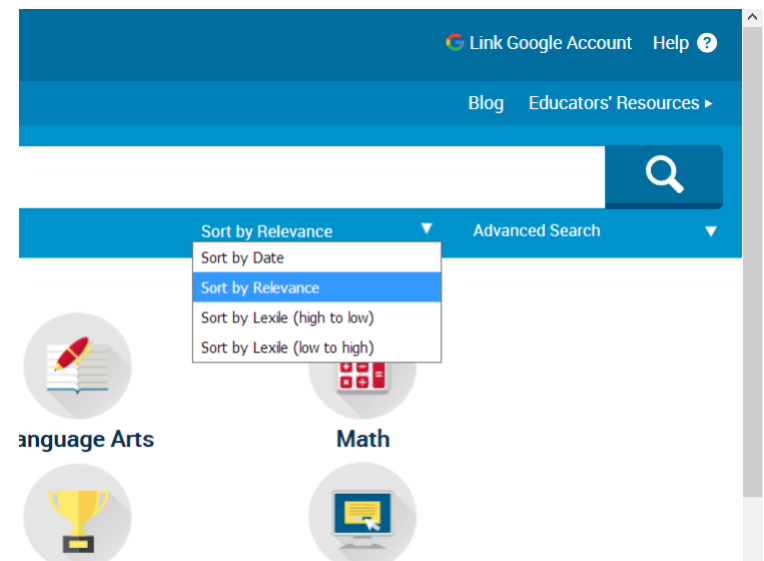
keyword | subject Sort by Relevance ▾ Advanced Search ▾

Browse Subjects

 Arts	 Health	 History	 Language Arts	 Math
 People	 Science	 Social Studies	 Sports	 Technology

Sort By Options

- Sort by Date
- Sort by Relevance
- Sort by Lexile (high to low)
- Sort by Lexile (low to high)



Advanced Search

ProQuest[®] SIRS[®] Discoverer[®] Link Google Account Help ?

Subjects ▾ Features ▾ Blog Educators' Resources ▶

Advanced Search ✕

life on Mars? in Full Text ▾

AND ▾ in Title ▾

AND ▾ in Author ▾

Source Type

- All
- Newspapers
- Magazines
- Reference
- Images
- Websites

Reference Type

- Biographies
- Maps
- Encyclopedia

Grade Level

- All
- 1st Grade
- 2nd Grade
- 3rd Grade
- 4th Grade
- 5th Grade
- 6th Grade
- 7th Grade
- 8th Grade
- 9th Grade
- 10th Grade
- 11-12th Grade

Lexile Range

0 L
to
1186+ L

Sort Results By

- Date
- Relevance
- Lexile (low to high)
- Lexile (high to low)

Let's Search!

ProQuest SIRS Discoverer®

Link Google Account Help

Subjects Features

Blog Educators' Resources

pyramids

Matching Keywords

pyramids

pyramids of giza

pyramids of egypt

pyramids of ancient egypt

pyramids at giza

pyramids in egypt

pyramids and temples

Arts

Health

History

Language Arts

Math

People


Science


Social Studies

Sports

Technology

Explore Features

 **Animal Facts**
Gather all the facts, pictures and links needed to complete your animal research project.

 **Current Events**
Stay on top of the latest news and happenings in the world with articles and pictures.

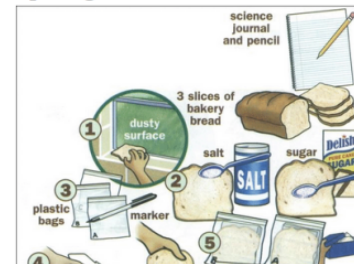
 **Pro/Con Leading Issues**
Dig into debated social issues such as animal rights, bullying, cell

 **Country Facts & Maps**
Learn about the world with profiles of countries, provinces and states.

 **Nonfiction Books**
Read colorful PDF books on animals, art, biographies, health, history, science and more.


 **Science Fair Explorer**
Discover science fair projects using everyday materials found in your

Spotlight On...



Search Results-Left Side

- Sort By
- Source Type
- Grade Level
- Available Format


Sort By 


Date


Relevance


Lexile (high to low)


Lexile (low to high)


Source Type 


 Newspapers **116**

 Magazines **343**

 Reference **147**

 Images **57**

 Websites **32**

Grade Level (Lexile Range) 

1st Grade (190L - 530L)

2nd Grade (420L - 650L)

3rd Grade (520L - 820L)

4th Grade (740L - 940L)

5th Grade (830L - 1010L)

6th Grade (925L - 1070L)


7th Grade (970L - 1120L)

8th Grade (1010L - 1185L)


9th Grade (1050L - 1260L)

10th Grade (1080L - 1335L)


11-12th Grade (1185L - 2500L)

Available Format 

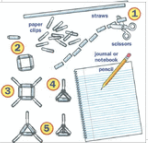
PDF

[Show Details](#) 


Pyramids

 *Science Weekly (Level C) (Vol. 22, No. 8); Feb 2, 2006; Lexile Measure: 870; Grade Levels: 4,5*

"Many pyramids are found west of the Nile River in the sandy deserts of Egypt. Pyramids are very old. Some pyramids are over 4,000 years old!" (*Science Weekly*) Learn more about pyramids. Several activities are included.




Great Pyramids of the World


 *March 2000; Lexile Measure: 1170; Grade Levels: 8,9,10*

...et people think of pyramids, they think of the beautiful ancient


A History of a Pyramid

 *DIG (Vol. 8, No. 7); Sept. 2006; Lexile Measure: 1140; Grade Levels: 8,9,10*

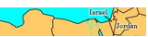
"Certainly one of the most amazing buildings ever constructed, the Great Pyramid of King Khufu continues to reveal information about its construction that surprises engineers and Egyptologists." (*DIG*) Read more about the Great Pyramid at Giza.



Ancient Step Pyramid Uncovered in Egypt

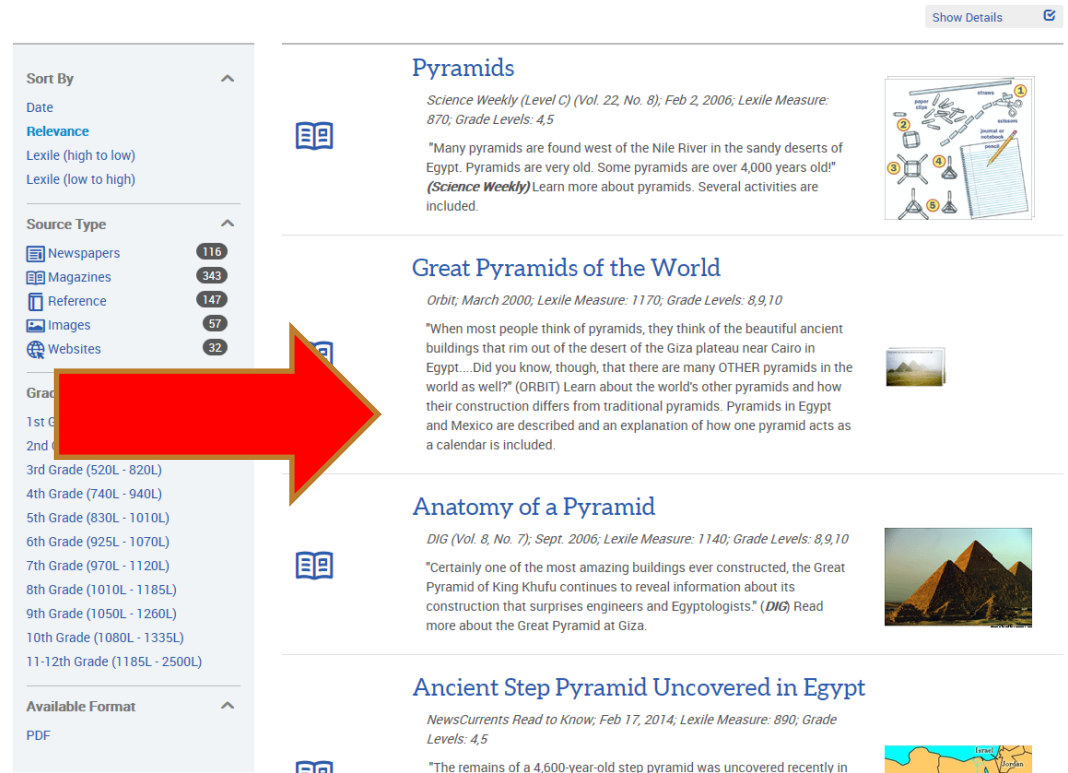
 *NewsCurrents Read to Know; Feb 17, 2014; Lexile Measure: 890; Grade Levels: 4,5*

"The remains of a 4,600-year-old step pyramid was uncovered recently in



Search Results—Results List

- Source type
- Lexile
- Grade Levels
- Source Information











The screenshot shows a search results interface. On the left is a sidebar with filters: 'Sort By' (Date, Relevance, Lexile), 'Source Type' (Newspapers: 116, Magazines: 343, Reference: 147, Images: 57, Websites: 32), 'Grade' (1st to 11-12th), and 'Available Format' (PDF). A large red arrow points from the 'Grade' filter to the first search result. The main area displays three results for 'Pyramids':

- Pyramids**
Science Weekly (Level C) (Vol. 22, No. 8); Feb 2, 2006; Lexile Measure: 870; Grade Levels: 4,5
"Many pyramids are found west of the Nile River in the sandy deserts of Egypt. Pyramids are very old. Some pyramids are over 4,000 years old!" (*Science Weekly*) Learn more about pyramids. Several activities are included.
- Great Pyramids of the World**
Orbit, March 2000; Lexile Measure: 1170; Grade Levels: 8,9,10
"When most people think of pyramids, they think of the beautiful ancient buildings that rim out of the desert of the Giza plateau near Cairo in Egypt....Did you know, though, that there are many OTHER pyramids in the world as well?" (ORBIT) Learn about the world's other pyramids and how their construction differs from traditional pyramids. Pyramids in Egypt and Mexico are described and an explanation of how one pyramid acts as a calendar is included.
- Anatomy of a Pyramid**
DIG (Vol. 8, No. 7); Sept. 2006; Lexile Measure: 1140; Grade Levels: 8,9,10
"Certainly one of the most amazing buildings ever constructed, the Great Pyramid of King Khufu continues to reveal information about its construction that surprises engineers and Egyptologists." (DIG) Read more about the Great Pyramid at Giza.
- Ancient Step Pyramid Uncovered in Egypt**
NewsCurrents Read to Know; Feb 17, 2014; Lexile Measure: 890; Grade Levels: 4,5
"The remains of a 4,600-year-old step pyramid was uncovered recently in

Full Text Preview

Translate ▼
Related Subjects ▼

Use This Article

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-  Add to Google Classroom
-  Print
-  Email
-  Export to EasyBib
-  Cite
-  Copy URL
-  Use Dictionary

 Magazine

Listen

Lexile Measure: 870L

WEEKLY READER SENIOR EDITION
Jan. 6, 2006, Vol. 84, No. 15, pp. 4+

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Egypt's Chamber of Secrets

• *Will a High-Tech Crawler Solve the Mystery of the Great Pyramid?*

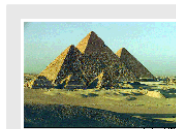
For thousands of years, people believed that the Great Pyramid of Khufu at Giza had been **ransacked** by tomb robbers. They assumed it had been stripped of all its treasures—including the body of Khufu, a ruler of ancient Egypt. The massive pyramid dedicated to the pharaoh holds only an empty red-granite coffin.

(See picture, "Great Pyramid.")

Now, however, scientists are rethinking that theory. They've found two mysterious passageways in the pyramid, and they're sending a small robot to crawl through them. Scientists hope the robot will find the answer to an ancient mystery—what happened to Khufu's mummy?

(See picture, "Map: Egypt.")

Researchers think that the dark passageways may lead directly to the burial chamber of the pharaoh. "It could be...that maybe Khufu's chamber is still hidden in the pyramid," Zahi Hawass, secretary general of the Supreme Council of Antiquities of Egypt, told reporters.



Great Pyramid

(Photo by Kenneth Garrett/National Geographic/Getty Images)



Map: Egypt

Take Two

Scientists have been trying for years to uncover the secrets of the peculiar passageways, which were discovered in 1872. Four years ago, they hit a wall—literally. That year, archaeologists sent a robot through the narrow passageways, which are only 9 inches by 8 inches wide. After crawling through the **corridors** and drilling through a stone door, the robot came to a dead end—another closed door.

(See picture, "Robot Exploring Great Pyramid.")

MLA and APA Citations

Citations

MLA 8

"Egypt's Chamber of Secrets." *Weekly Reader Senior Edition (Vol.84, No.15)*, Jan, 2006, pp. 4+, *SIRS Discoverer*, <http://discoverer.prod.sirs.com>.

Copy Citation

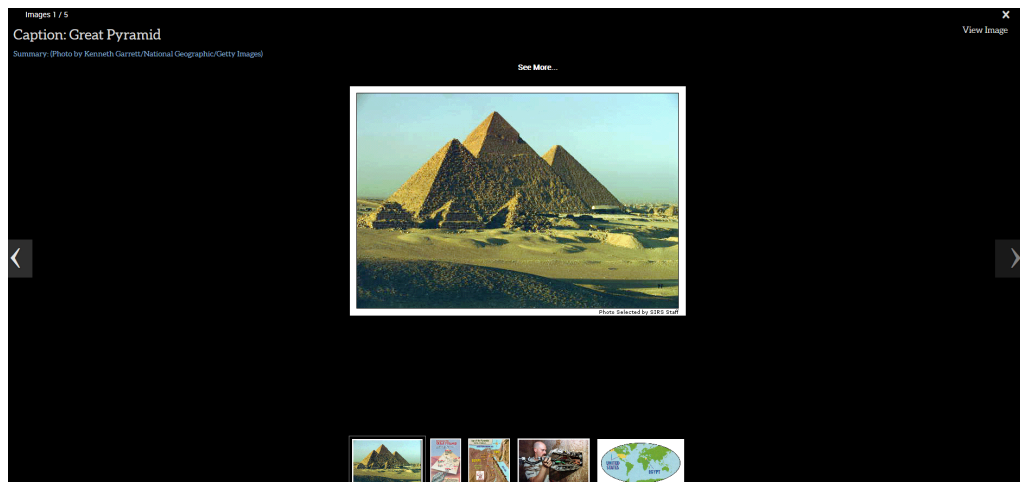
APA 6

Egypt's chamber of secrets. (2006, Jan). *Weekly Reader Senior Edition (Vol.84, no.15)*, , 4+. Retrieved from <http://discoverer.prod.sirs.com>

Copy Citation

Images

- Click on an image thumbnail to see all images associated with an article
- Each image contains a link to the associated article
- Images can be downloaded or printed
- Titles and captions of images are included



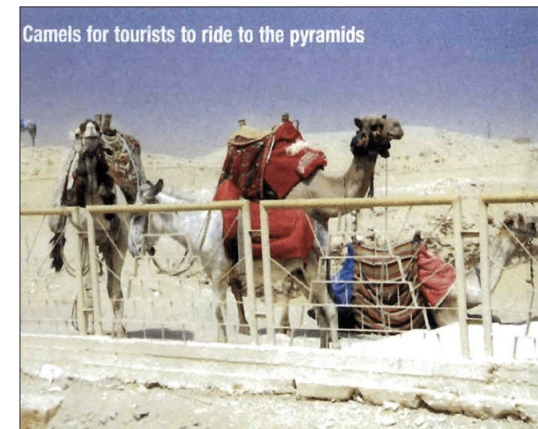
Use This Image

- Go to Article
- Download
- Print
- Copy URL

Camels for Pyramid Tourists

(Credit: CRINKLES)

This picture is from the article [The Arabian or Dromedary Camels: 'Ships of the Desert'](#)



Translation

- Chinese (Simplified and Traditional)
- French
- German
- Italian
- Japanese
- Korean
- Polish
- Portuguese
- Russian
- Spanish
- Turkish

Magazine Listen

Lexile Measure: 870L

Translate

- English to Japanese
- English to Korean
- English to Polish
- English to Portuguese
- English to Russian
- English to Spanish
- English to Turkish

Print

Email

Export to EasyBib

Cite

Copy URL

READER SENIOR EDITION
06, Vol. 84, No. 15, pp. 4+

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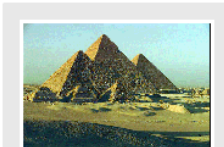
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Sci-Tech Crawler Solve the Mystery of the Great Pyramid?

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Text to Speech

keyword | subject

Sort by Relevance

Advanced Search



- Translate
- Related Subjects

Use This Article

- Save to Google Drive
- Add to Google Classroom
- Print
- Email
- Export to EasyBib
- Cite
- Copy URL
- Use Dictionary

Newspaper

Lexile Measure: 950L

Washington Post
(Washington, DC)
Jul 11, 2017, p. C.8

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A Church Where Angels and Darth Vader Mingle

By Marylou Tousignant

Washington National Cathedral stands tall in the nation's capital. It is the city's fourth-tallest building and its highest point, rising 676 feet above sea level atop Mount Saint Alban in Northwest. Its three large towers can be seen for miles.

A cathedral is the main church in an area headed by an official called a bishop. Washington National Cathedral, officially named the Cathedral Church of Saint Peter and Saint Paul, is the center of the Episcopal Church in Washington and the nation. People of all faiths, or no particular faith, are among the 500,000 who visit or come to worship each year. Funerals for three presidents and other major services have been held here.

Construction of the cathedral began in 1907 and continued for 83 years. A major earthquake in 2011 badly damaged some areas. Wall supports called buttresses cracked, and some of the 300-plus angels toppled from on high. Workers are still repairing damage to the Indiana limestone exterior.



Washington National Cathedral

(Credit: John Lapins/Photo)

Browse Subjects

ProQuest[®] SIRS[®] Discoverer[®] Link Google Account Help ?

Subjects ▾ Features ▾ Blog Educators' Resources ▶

Search... Q

keyword | subject Sort by Relevance ▼ Advanced Search ▼

Browse Subjects



Arts



Health



History



Language Arts



Math



People



Science



Social Studies



Sports



Technology

Explore Features

Spotlight On...

Subject Results—Arts Browse

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Subjects ▾ Features ▾ [Blog](#) [Educators' Resources ▾](#)


Search... 

keyword | subject Sort by Date ▾ [Advanced Search](#) ▾

Subject: ARTS

Home

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Sort By 


Date


Relevance


Lexile (high to low)


Lexile (low to high)


Source Type 

 Newspapers 294

 Magazines 733

 Reference 8

 Images 903

 Websites 82

A Church Where Angels and Darth Vader Mingle

Washington Post; Jul 11, 2017; Lexile Measure: 950; Grade Levels: 5,6

"Washington National Cathedral stands tall in the nation's capital. It is the city's fourth-tallest building and its highest point, rising 676 feet above sea level atop Mount Saint Alban in Northwest. Its three large towers can be seen for miles." **(Washington Post)** Read more about the Washington National Cathedral.



Kermit the Frog Will Have a New Voice After Actor Steps Down

Washington Post; Jul 11, 2017; Lexile Measure: 950; Grade Levels: 5,6

Article View--Related Subjects

keyword | subject Sort by Relevance ▼ Advanced Search ▼

[Listen](#) ▶

Translate ▼

Related Subjects ▼

- Cathedrals
- Washington (D.C.)
- Washington Cathedral
- Gothic revival (Architecture)

Us

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- [Copy URL](#)
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Newspaper

Lexile Measure: 950L

in Post
on, DC)
17, p. C.8

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A Church Where Angels and Darth Vader Mingle

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Washington National Cathedral

(Credit: John Lassica/DePite)

Explore Features

Explore Features



Animal Facts

Gather all the facts, pictures and links needed to complete your animal research project.



Current Events

Stay on top of the latest news and happenings in the world with articles and pictures.



Pro/Con Leading Issues

Dig into debated social issues such as animal rights, bullying, cell phones in school, and more.



Country Facts & Maps

Learn about the world with profiles of countries, provinces and states.



Nonfiction Books

Read colorful PDF books on animals, art, biographies, health, history, science and more.



Science Fair Explorer

Discover science fair projects using everyday materials found in any home.

Animal Facts

Animal Facts

Explore by Type:



Amphibians



Arachnids



Birds



Fishes



Insects



Invertebrates



Mammals



Reptiles

[See All Animal Facts...](#)

Explore by Animal (A-Z):

- [Aardvark](#)
- [Aardwolf](#)
- [Adelie Penguin](#)
- [African Buffalo](#)
- [African Elephant](#)
- [Albatross](#)
- [Alligator](#)
- [Alligator Snapping Turtle](#)
- [American Bison](#)
- [American Bullfrog](#)
- [American Crow](#)
- [American Lobster](#)

Amphibians Results



Amphibians

Show Details

Sort By

- Date
- Relevance
- Lexile (high to low)
- Lexile (low to high)

Source Type

- Newspapers 0
- Magazines 0
- Reference 0
- Images 55
- Websites 0

Grade Level (Lexile Range)


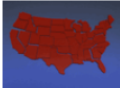

- 1st Grade (190L - 530L)
- 2nd Grade (420L - 650L)
- 3rd Grade (520L - 820L)
- 4th Grade (740L - 940L)
- 5th Grade (830L - 1010L)
- 6th Grade (925L - 1070L)
- 7th Grade (970L - 1120L)
- 8th Grade (1010L - 1185L)
- 9th Grade (1050L - 1260L)
- 10th Grade (1080L - 1335L)
- 11-12th Grade (1185L - 2500L)

- Box Turtle**
SIRS Discoverer: Animal Facts; 2016; Lexile Measure: 710; Grade Levels: 3
Facts about box turtles are presented.
- Alligator**
SIRS Discoverer: Animal Facts; 2015; Lexile Measure: 580; Grade Levels: 2,3
Facts about alligators are presented.
- Alligator Snapping Turtle**
SIRS Discoverer: Animal Facts; 2015; Lexile Measure: 760; Grade Levels: 3,4
Facts about alligator snapping turtles are presented.
- Anaconda**
SIRS Discoverer: Animal Facts; 2015; Lexile Measure: 740; Grade Levels: 3,4
Facts about anacondas are presented.
- Basilisk**
SIRS Discoverer: Animal Facts; 2015; Lexile Measure: 740; Grade Levels: 3,4
Facts about basilisks are presented.

Country Facts & Maps

Country Facts & Maps

(See all maps)

<p style="text-align: center;">Country Facts A-Z List</p>  <ul style="list-style-type: none">+ Africa+ Central Asia+ Central America & Caribbean+ East & Southeast Asia+ Europe+ Middle East+ North America+ Oceania+ South America+ South Asia	<p style="text-align: center;">State Facts A-Z List</p>  <ul style="list-style-type: none">+ Midwest+ Northeast+ South+ West	<p style="text-align: center;">Canada Facts A-Z List</p>  <ul style="list-style-type: none">+ Provinces+ Territories
--	--	---

Current Events

- Latest news through articles and images
- New content added daily
- Selected by editors to encourage age-appropriate awareness of current events



Explore Features



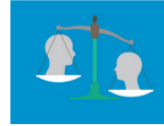
Animal Facts

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Stay on top of the latest news and happenings in the world with articles and pictures.



Pro/Con Leading Issues

Dig into debated social issues such as animal rights, bullying, cell phones in school, and more.



Country Facts & Maps

Learn about the world with profiles of countries, provinces and states.



Nonfiction Books

Read colorful PDF books on animals, art, biographies, health, history, science and more.



Science Fair Explorer

Discover science fair projects using everyday materials found in any home.

Nonfiction Books

Nonfiction Books



Browse by Grade Level:



Animals



[More...](#)

Arts & Humanities



[More...](#)

Biographies



Health & Human Body



[More...](#)

History & Government



[More...](#)

Science



Pro/Con Leading Issues

Pro/Con Leading Issues

A-Z List:

- ADHD
- Advertising in Schools
- Affirmative Action
- Airport Security
- Animal Cloning
- Animal Experimentation
- Animal Rights and Welfare
- Banned Books
- Bullying
- Capital Punishment
- Cell Phones in School
- Cheating
- Cheerleading
- Child Labor
- Curfew
- Cursive Writing



Animal Experimentation



Health Care



Refugees



Cyberbullying



Homework



School Uniforms



Gender Identity



Racial Profiling



Vaccines

[See All Pro/Con Leading Issues...](#)

Science Fair Explorer

EXPLORE A TOPIC

In the yard

In the kitchen

In the junk drawer

In the bathroom

In the recycling bin

In the family room

In the garbage bin

SIRS Discoverer
SCIENCE FAIR EXPLORER

MUTE SOUNDS

Spotlight of the Month

Spotlight ♦ Visual Literacy ♦ Events Calendar ♦ In the News ♦ Spotlight Archives

August Spotlight

Summer Science Projects

Well, if you've ever baked a cake, you're a chemist! If you've ever thrown a ball or ridden a bike, you're a physicist! If you've ever examined a scab or a bug, you're a biologist! If you've ever gazed at the night sky, you're an astronomer! If you've ever planted a seed, you're a botanist!

Summertime is the perfect time to explore science and discover your inner scientist. You could do a different science experiment or science project each week, or even every day! SIRS Discoverer has instructions to lots of cool activities that you can try, like building a rain meter, deflating a potato, bouncing raisins, and making an air blaster. Jump into summertime science and make every day a science day with SIRS Discoverer!

- [Make a Rain Meter](#) *Highlights High Five, Mar 2017*
- [Bubble Bonanza!](#) *Highlights for Children, Jul 2016*
- [Grow Your Own Biofilms](#) *Muse, Apr 2015*
- [A Hole in Your Hand](#) *Click, Nov/Dec 2014*
- [Deflating a Potato](#) *Try This, Nov 10, 2014*
- [Bouncing Raisins](#) *Try This, Sep 2, 2014*
- [An Air Blaster](#) *Try This, Jul 29, 2014*
- [Fun Activities](#) *Easy Science for Kids*

Physics Experiment: Potato Plummet



Visual Literacy

Understanding and interpreting images is the basis of Visual Literacy. Examine the image to the right and answer the questions below to draw conclusions.

This Month's Image: Physics Experiment: Girl in Chair Holding Weights



Educators' Resources


ProQuest SIRS Discoverer

Subjects ▾ Features ▾

Blog Educators' Resources ▾


Help ?

Educators' Resources



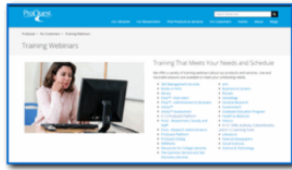
Communication

- **Featured: Share This Blog**
Blog posts feature product updates, training opportunities and curriculum ideas for ProQuest SIRS Discoverer. Also see [Facebook ProQuest Homework Central](#).
- **Edmodo Community**
Educator community offers ways to connect with educators and ProQuest staff and integrate collection content directly into classroom or library activities.
- **Pinterest**
Boards offer K12-oriented resources including [Educator Activities](#), [Current Events in the Classroom](#) and [Food and Recipes](#).
- **ProQuest Newsletters**
Subscription newsletters showcase the latest on ProQuest



Tools

- **Featured: Student Tutorials**
Editable PDF tutorials offer opportunities for students in elementary school to practice information literacy and research skills using ProQuest SIRS Discoverer. Also see the [Student Tutorials–Middle School Edition](#).
- **Activities**
Section features wide variety of full-text activities including art projects, debate, editorial cartoons, quizzes and writing.
- **Fiction**
Collection highlights fiction resources including drama, historical, myths, plays and science fiction.
- **Maps**
Over 3,000 detailed, printable maps are available including historical and outline maps.



Training

- **Featured: Training Webinars**
Portal provides an opportunity to explore a variety of training webinars about ProQuest products and services. Live and recorded sessions are available to meet scheduling needs.
- **Guided Research Tutorials**
Short videos are tools to share with teachers and colleagues to demonstrate the value of features in SIRS Discoverer. See videos on [Animal Facts](#), [Nonfiction Books](#), and [Pro/Con Leading Issues](#).
- **Human Element**
Animated video illustrates how ProQuest SIRS products offer a superior experience to aggregate products and the open web due to editorial selection and compilation.

Educators' Resources: Communication

Communication

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- **ProQuest Newsletters**
Subscription newsletters showcase the latest on ProQuest products and services, upcoming events, industry trends and marketing resources.
- **System Administrator Options**
Online form provides a way to request customized search, sorting, and display options.
- **Usage Reports**
Portal offers downloadable usage reports in text, html, or csv for SIRS products.

Educators' Resources: Tools

Tools

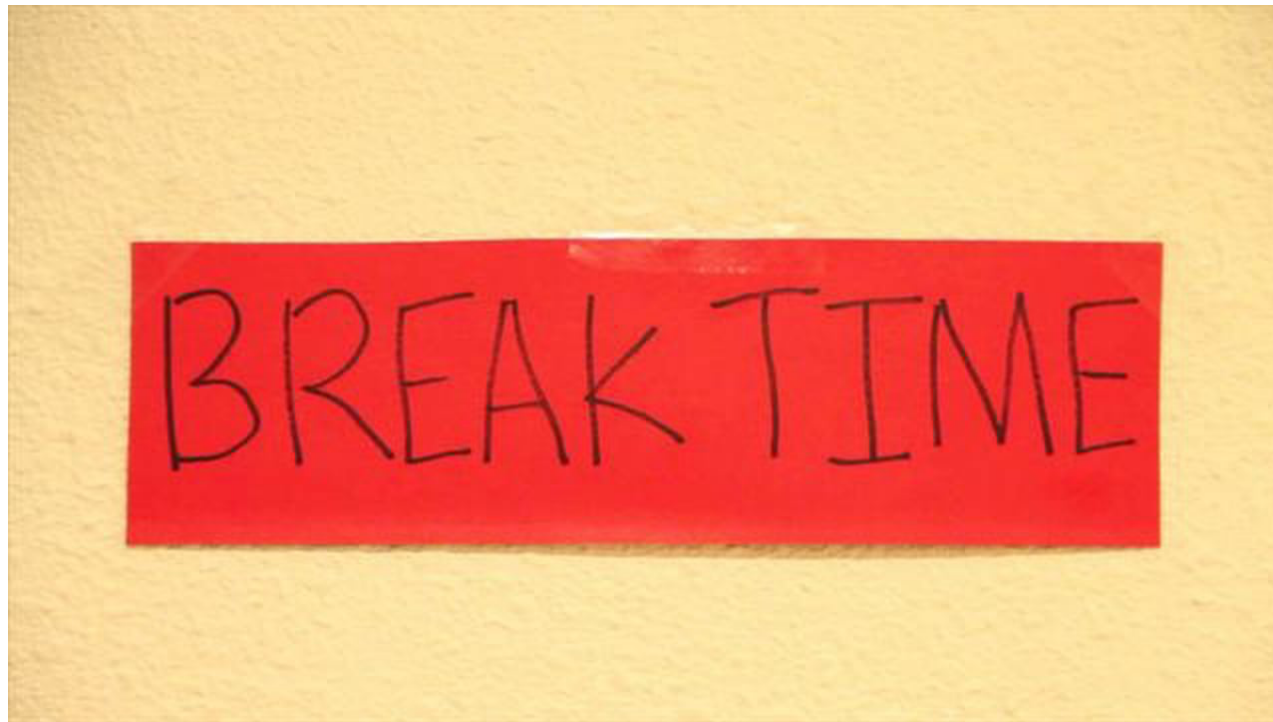
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Over 3,000 detailed, printable maps are available including historical and outline maps.
- **Skills Discoverer**
Interactive feature helps students practice key skills for standardized tests with game-like activities divided by curriculum-based subjects.
- **Standards Correlations**
Page provides nine sets of standards correlated to ProQuest SIRS Discoverer content including Common Core, U.S. States and International Baccalaureate.

Educators' Resources” Training

Training

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- **LibGuide**
Packaged site offers training and promotional materials that may be easily copied into an existing LibGuide.

Break—15 minutes



EBSCO Explora



Explora is EBSCO's interface for Schools and Public Libraries. Designed to meet the unique needs of its users, *Explora* supports both student research and classroom instruction with the following features:

- Simple search that quickly delivers relevant results
- Easy-to-browse categories organized by popular topic
- Topic overviews that provide students with a starting point for research
- Colorful, mobile-friendly design with feature areas that provide context to students
- Reading level indicators (Lexile® Measures) to simplify discovery of grade-appropriate content
- Text-to-speech for HTML articles to assist struggling readers or those learning English
- Curriculum Standards Module to help educators correlate EBSCO content quickly and easily to Common Core, state- or province-specific curriculum standards

<http://support.ebscohost.com/help/>

Content

- Articles, essays, and primary source documents
- 60,000 videos from the Associated Press
- Full-text translation in more than 30 languages
- Google Classroom integration
- Lesson plans, support materials, and professional development resources

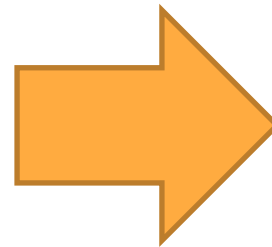
Explora

Accessible from:

POWER Library e-Resources listing










EBSCO menu on POWER Library e-Resources menu

- Elementary Student Research
- Middle School Student Research
- Public Library Search
- Explora Educator's Edition
- High School Search



Select New Service

ECARD VIRTUAL LIBRARY

-  Consumer Health Complete
-  EBSCOhost Web
EBSCOhost Web
EBSCOhost Espanol
Professional Development Collection
-  AP Images
-  **explora** Elementary Student Research
An EBSCO Experience
-  **explora** Middle School Student Research
An EBSCO Experience
-  **explora** Public Library Search
An EBSCO Experience
-  Educator's Edition **explora** Explora Educator's Edition
An EBSCO Experience
-  EBSCO **eBooks** eBooks Mobile App
-  **explora** High School Search for Power Library
An EBSCO Experience

Explora icon

The Explora icon is on every page and allows for easy navigation back to homepage.



Explora—Elementary Student Research

- New Search
- Curriculum Standards
- Search Other Databases
- For Educators
- Help
- Folder
- Advanced Search
- Search History
- Image Carousel
- Subject Search

The screenshot displays the Explora website interface. At the top, there is a dark blue navigation bar with links for "New Search", "Curriculum Standards", "Search Other Databases", and "For Educators". On the right side of this bar are links for "Sign In", "Folder", and "Help". Below the navigation bar is the Explora logo, which includes the text "explora" and "An EBSCO Experience". To the right of the logo is a search input field with the placeholder text "Enter any words to find books, journals and more" and a yellow "Search" button. Below the search bar are links for "Advanced Search" and "Search History".

The main content area features a large image of a brown Thecodontosaurus dinosaur. Overlaid on the left side of this image is a white text box with the following content:

Thecodontosaurus

Thecodontosaurus is one of the earliest known dinosaurs, and walked on the earth about 210 million years ago. It was just around 4 feet long and stood only 12 inches tall and weighed about 24 pounds. The word Thecodontosaurus means "lizard with its teeth in hollow sockets."

[Learn More](#)

Below the dinosaur image is a horizontal carousel of subject categories, each with a representative image and a caption:

- Animals**: Image of a colorful frog. Caption: "Mammals, Reptiles, Insects, Birds, a..."
- Arts and Music**: Image of colorful handprints. Caption: "Art, Music, and More"
- Biographies**: Image of a historical woman's portrait. Caption: "Historical and Current Figures"
- Geography**: Image of a compass rose. Caption: "Countries, States, Cities, and More"

Curriculum Standards

[New Search](#) [Curriculum Standards](#) [Search Other Databases](#) [For Educators](#)



Enter any words to find books, journals and more

Search

[Advanced Search](#) [Search History](#)


EBSCOhost Curriculum Standards


[Print](#) [Email](#) [Save](#)

Browse:	Standards:
State: <input type="text" value="Pennsylvania"/>	<input checked="" type="checkbox"/> Learning to Read Independently
Standard: <input type="text" value="Academic Standards"/>	<input checked="" type="checkbox"/> Reading Critically in All Content Areas
Subject: <input type="text" value="Reading, Writing, Speaking and Listening"/>	<input checked="" type="checkbox"/> Reading, Analyzing and Interpreting Literature
Year: <input type="text" value="2002"/>	<input checked="" type="checkbox"/> Types of Writing
Grade: <input type="text" value="11"/>	<input checked="" type="checkbox"/> Write short stories, poems and plays.
	<input checked="" type="checkbox"/> Write complex informational pieces (e.g., research papers, analyses, evaluations, essays).
	<input checked="" type="checkbox"/> Write persuasive pieces.
	<input type="checkbox"/> Maintain a written record of activities, course work, experience, honors and interests.
	<input type="checkbox"/> Write a personal resume.
	<input checked="" type="checkbox"/> Quality of Writing
	<input checked="" type="checkbox"/> Speaking and Listening
	<input checked="" type="checkbox"/> Characteristics and Functions of the English Language

Search Other Databases











[New Search](#) [Curriculum Standards](#) [Search Other Databases](#) [For Educators](#)

 [Search](#)

[Advanced Search](#) [Search History](#) 

Select New Service

ECARD VIRTUAL LIBRARY

-  Consumer Health Complete
-  EBSCOhost Web
-  EBSCOhost Espanol
-  Professional Development Collection
-  AP Images
-  **explora** Elementary Student Research
-  **explora** Middle School Student Research
-  **explora** Public Library Search
-  **Explora** Educator's Edition
-  eBooks Mobile App

For Educators

New Search Curriculum Standards Search Other Databases For Educators



Enter any words to find books, journals and more

Search

[Advanced Search](#) [Search History](#)

New Search Curriculum Standards

[Sign In](#) [Folder](#) [Help](#)



Enter any words to find books, journals and more

Search

[Advanced Search](#) [Search History](#)

ECARD VIRTUAL LIBRARY

Adaptive Learning

Advocates of adaptive learning claim that it allows students to develop a greater sense of responsibility for their own education and learning. Some educators though, are skeptical of its effectiveness, especially as students display a wide variety of needs and abilities.

[Learn More](#)



Lesson Plans



- [STEM Lessons](#)
- [Geometry](#)
- [American History](#)

Student Tools



- [Explora Scavenger Hunt for Primary Schools \(PDF\)](#)
- [Explora Scavenger Hunt for Secondary Schools \(PDF\)](#)
- [Engineer Girl \(Middle School\)](#)

Curriculum Standards



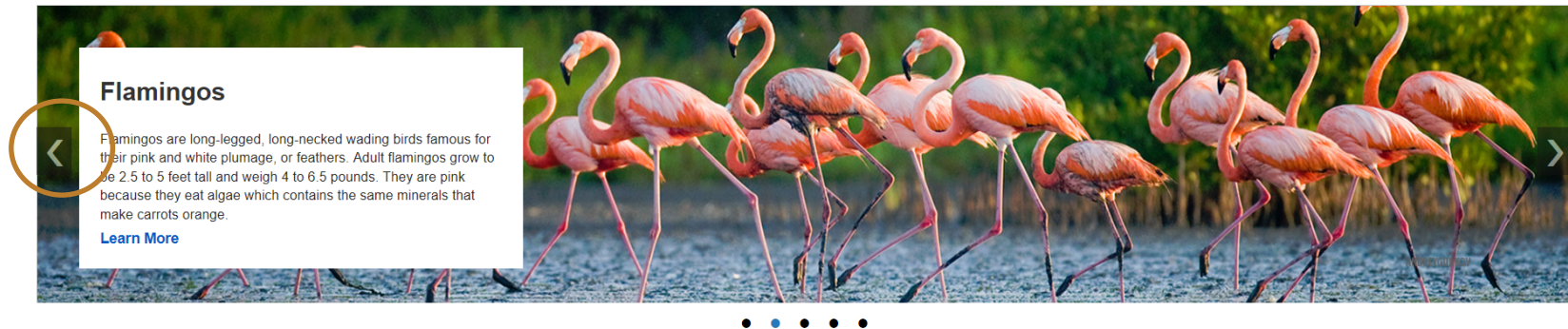
- [Curriculum Standards](#)
- [STEM instruction and the Common Core \(PDF\)](#)
- [STEAM instruction and the Common Core \(PDF\)](#)

Valuable Sites for Teachers



- [TeachEngineering.org](#)
- [The Learning Network](#)
- [EduCore](#)

Image Carousel



Browse the image carousel

Click on “Learn More” to access a list of relevant search results

Advanced Search



Select a Field (optional) Search Clear ?

AND Select a Field (optional)

AND Select a Field (optional)

[Basic Search](#) [Advanced Search](#) [Search History](#)

Search Options

Reset

Search Modes and Expanders

Search modes ?

- Boolean/Phrase
- Find all my search terms
- Find any of my search terms
- SmartText Searching [Hint](#)

Apply related words

Also search within the full text of the articles

Limit your results

Full Text

Magazine

Lexile Reading Score

Published Date

Month Year: - Month Year:

Lexile Reading Level










All
200 - 400
300 - 500
500 - 700

Search

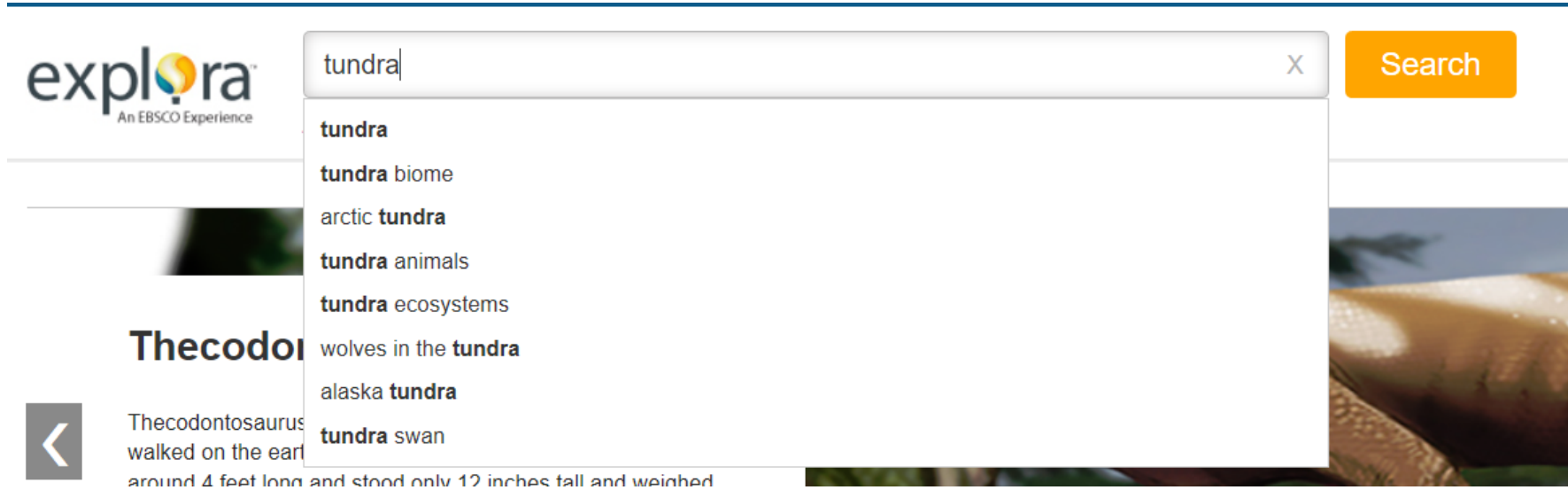
Search History

Search History/Alerts

[Print Search History](#) | [Retrieve Searches](#) | [Retrieve Alerts](#) | [Save Searches / Alerts](#)

<input type="checkbox"/> Select / deselect all		Search with AND	Search with OR	Delete Searches	Refresh Search Results
	Search ID#	Search Terms	Search Options	Actions	
<input type="checkbox"/>	S3	pyramids	Limiters - Full Text Search modes - Boolean/Phrase	 View Results (163)  View Details  Revise Search	
<input type="checkbox"/>	S2	dogs	Limiters - Full Text Search modes - Boolean/Phrase	 View Results (1,864)  View Details  Revise Search	
<input type="checkbox"/>	S1	cats	Limiters - Full Text Search modes - Boolean/Phrase	 View Results (1,116)  View Details  Revise Search	

Search--Keyword



The screenshot displays the Explora search interface. The logo "explora An EBSCO Experience" is in the top left. A search bar contains the text "tundra" and has a close button (X) on the right. An orange "Search" button is to the right of the search bar. A dropdown menu is open below the search bar, listing suggestions: "tundra", "tundra biome", "arctic tundra", "tundra animals", "tundra ecosystems", "wolves in the tundra", "alaska tundra", and "tundra swan".

explora
An EBSCO Experience

tundra X

Search

tundra

tundra biome

arctic **tundra**

tundra animals

tundra ecosystems

wolves in the **tundra**

alaska **tundra**

tundra swan

Thecodon

Thecodontosaurus
walked on the earth
around 4 feet long and stood only 12 inches tall and weighed

Search Results

Refine Results

Current Search

Boolean/Phrase:

tundra

Limiters

Full Text



Limit To

Full Text

1996 Publication Date 2017



Show More
Options set

Source Types

All Results

Magazines (16)

Books (2)

Encyclopedias (56)

Show More

Search Results: 1 - 10 of 80

Relevance

Page Options

Share



Topic Overview

Tundra (biome).

Tundras are one of Earth's biomes, large areas with a certain kind of climate and communities of plants and animals. Tundras are the coldest biome, [More](#)

Salem Press Primary Encyclopedia, 2016

1. TUNDRA BUGGIES.



Periodical

By: Ferrel, Karen. *Boys' Quest*. Dec2008/Jan2009, Vol. 14 Issue 4, Special section p2-3. 2p. Reading Level (Lexile): 1100.

The article offers information on **tundra** buggies, a specialized off-road vehicle used for polar bear watching.

Subjects: TUNDRA vehicles; OFF-road vehicles; BEAR watching

[HTML Full Text](#) [PDF Full Text \(795KB\)](#)



2. NORTHERN EXPOSURE.



Periodical

By: Weir, Kirsten. *Current Science*. 1/21/2011, Vol. 96 Issue 10, p10-11. 2p. Reading Level (Lexile): 970.

The article reports a study conducted by Geography professor Greg Henry at the University of British, which focuses on the climatological changes affecting the **tundra** in the north of the Arctic C...

Subjects: ARCTIC regions; TUNDRA ecology; TUNDRAS

[HTML Full Text](#)



3. Fun in the Tundra.



Periodical

By: Daniel, Doughlass K. *Boys' Life*. Feb96, Vol. 86 Issue 2, p38. 4p. 6 Color Photographs. Reading Level (Lexile): 800.

Looks at the annual Klondike race in Idaho. Location of race; Traditions of scouts; Ways they keep warm; Safe ways to camp. INSETS: K-K-Klondike menas c-c-cold.;Killer cold..

Subjects: UNITED States; SCOUTING (Reconnaissance) -- United States



Search Results—Refine Results

Refine Results

Current Search ▾

Boolean/Phrase:
tundra

Limiters
Full Text

Limit To ▾

Full Text

1996 Publication Date 2017

[Show More](#)
Options set

Source Types ▾

All Results

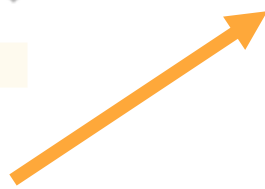
Magazines (16)

Books (2)

Encyclopedias (56)

[Show More](#)

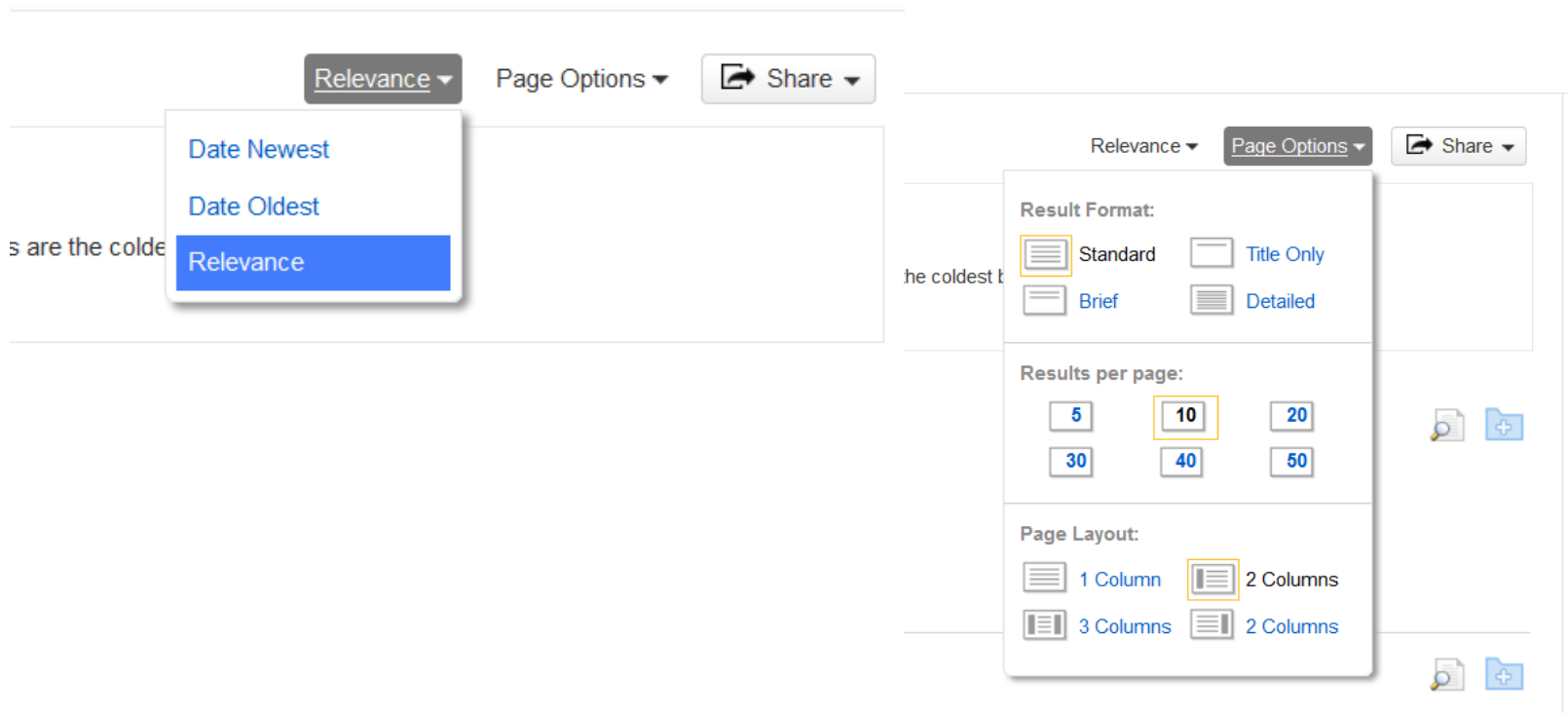
in a ehscobost.com/ehk5/Search/GoToNe



Source Types X

<input type="checkbox"/> Name ▾	Hit Count ▾
<input checked="" type="checkbox"/> All Results	
<input type="checkbox"/> Magazines	16
<input type="checkbox"/> Books	2
<input type="checkbox"/> Encyclopedias	56

Search Results—Relevance and Page Options



Results List—Article Information

1. [TUNDRA BUGGIES.](#)



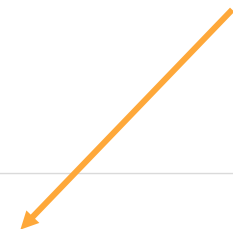
Periodical

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The article offers information on **tundra** buggies, a specialized off-road vehicle used for polar bear watching.

Subjects: TUNDRA vehicles; OFF-road vehicles; BEAR watching

[HTML Full Text](#) [PDF Full Text](#) (795KB)



Title information, including Lexile level

Subjects

2 options: PDF or HTML full text view

Article preview information



Save and share



[TUNDRA BUGGIES.](#)

Authors: Ferrel, Karen

Source: Boys' Quest

Date: 2008

Publication Type: Periodical

Subjects: TUNDRA vehicles; OFF-road vehicles; BEAR watching

Abstract: The article offers information on tundra buggies, a specialized off-road vehicle used for polar bear watching.

Database: Primary Search Main Edition

[HTML Full Text](#) [PDF Full Text\(795KB\)](#) [Add to folder](#) [Full Citation](#)

HTML Full-text View



tundra ?

[Basic Search](#) [Advanced Search](#) [Search History](#)

ECARD VIRTUAL LIBRARY

Detailed Record

HTML Full Text

PDF Full Text (795KB)

Find Similar Results
using SmartText Searching.

◀ Result List | Refine Search ▶ 1 of 80 ▶

Choose Language

Title: TUNDRA BUGGIES. By: Ferrel, Karen, Boys' Quest, 10789006, Dec2008/Jan2009, Vol. 14, Issue 4

Database: Primary Search Main Edition

TUNDRA BUGGIES

Listen American Accent

Surrounded by sub-zero temperatures, howling winds, and predators capable of snapping off a man's arm in a single bite, what do you do? Take pictures, of course. You're safe and snug inside a **Tundra Buggy** watching the polar bears near Cape Churchill, Manitoba, Canada.

What is a **Tundra Buggy**?

In 1977, Dan Guravich became fascinated by polar bears. He discovered that each year in October and November polar bears gathered on the southwest shore of the Hudson Bay near Churchill. Instinct, habit, and their keen sense of smell told them the bay would freeze here first. Once frozen, they could cross the ice to least on their favorite food, seals.

Guravich met two others who shared his interest in polar bears, Richard C. Davis, a fellow author, and Len Smith, who owned a car rental business and auto parts store in Churchill. They joined Guravich in his quest to discover more about these magnificent giants. But how do they get close enough without freezing to death or becoming a polar bear's between-seal-snack? Len Smith had an idea. Using mainly salvaged parts, he built a huge enclosure that looked like a giant school bus on oversized wheels. His invention weighed nine tons. To avoid snow drifts and the polar bears' reach, it towered high off the ground, so high that a third grader could walk underneath without bumping his head. Smith had created **Tundra Buggy One**.

Today, a company called Frontiers North owns and operates a fleet of fifteen **Tundra Buggies**. As many as twelve buggies tour the harsh Arctic **tundra** at a time. Better equipped than **Tundra Buggy One**, they have heaters, toilet facilities, and even an observation deck. The buggies safely transport journalists, photographers, scientists, and tourist through Manitoba's Wapusk National Park where 100 to 250 polar bears gather. By day, polar bear watchers creep over the rough terrain in relative comfort at a top speed of 10 miles per hour. They watch the bears play, sleep, and fight. At night, participants stay in the **Tundra Buggy Lodge** located in the middle of prime polar bear viewing territory. For the entire tour, the people ride, eat, and sleep among the bears.

Another company that operates similar tours is National Habitat Adventures. If you want to see more polar bears and can't take a tour, visit their website www.nathab.com.

Tools

- Google Classroom
- Google Drive
- Add to folder
- Print
- E-mail
- Save
- Cite
- Export
- Create Note
- Permalink
- Share

Translate

34 language options available

The screenshot shows a Google Translate interface. At the top, there are navigation links: "Result List", "Refine Search", and "1 of 80". Below this is a "Choose Language" dropdown menu that is open, displaying 34 language options. To the right of the dropdown is a "Translate" button. The background text is partially visible, showing a search result for "A BUGGIES. By: Ferrel, I" and "Search Main Edition".

Choose Language | Translate







Choose Language

- الإجليزية/العربية
- английски език/български
- 英語/简体中文
- 英語/繁體中文
- angličtina/čeština
- Engelsk/dansk
- Engels/Nederlands
- Anglais/Français
- Englisch/Deutsch
- Αγγλικά/Ελληνικά
- English/Hausa
- אנגלית/עברית
- अंग्रेज़ी/हिंदी
- angol/magyar
- Inggris/bahasa Indonesia
- Inglese/Italiano
- 英語/日本語
- 영어/한국어
- Engelsk/Norsk

Another company that operates similar tours is National H


Text-to-Speech Settings

TUNDRA BUGGIES

Listen   American Accent    


Surrounded by sub-zero temperatures, howling winds, and predators capable of Buggy watching the polar bears near Cape Churchill, Manitoba, Canada.

Reading


Speed 

Slow Medium Fast

General

Automatic scrolling 


On Off

Pop-up button 

On Off


Restore default settings

Restore all settings to their original defaults.


ReadSpeaker  The Voice of the Web


Settings

Highlighting


Text highlighting 

On Off


Highlighting options Word and sentence 

Word color 


Green Blue Yellow White Black Red Underline None

Sentence color 

Green Blue Yellow White Black Red Underline None


Text color 

Green Blue Yellow White Black Light Blue

Enhanced text visibility 

On Off

Reading

Speed 

Find Similar Results

Find Similar Results
using SmartText Searching.



SmartText Searching

Enter as much text for your search as you want - a phrase, a sentence, paragraph, or even whole pages. This mode searches EBSCO Databases only.

Close



TUNDRA BUGGIES. The article offers information on tundra buggies, a specialized off-road vehicle used for polar bear watching. TUNDRA vehicles OFF-road vehicles BEAR watching

Search

ECARD VIRTUAL LIBRARY

Refine Results

Current Search

SmartText Searching:
TUNDRA BUGGIES. The article offers information on tundra buggies,...

Limiters
Full Text

Limit To

Full Text

1988 Publication Date 2017

Show More
Options set

Source Types

Search Results: 1 - 10 of 49,770

Relevance Sort Page Options Share

1. TUNDRA BUGGIES.



By: Ferrel, Karen. *Boys' Quest*. Dec2008/Jan2009, Vol. 14 Issue 4, Special section p2-3. 2p. Reading Level (Lexile): 1100.

The article offers information on tundra buggies, a specialized off-road vehicle used for polar bear watching

Subjects: TUNDRA vehicles; OFF-road vehicles; BEAR watching

Periodical



HTML Full Text



PDF Full Text (795KB)

2. A Coat You Can't Take Off!



By: Munson, Melissa. *Boys' Quest*. Dec2008/Jan2009, Vol. 14 Issue 4, Special section p14-15. 2p. Reading Level (Lexile): 1090.

The article offers information on the special protection of polar bears from the extremely cold temperature in the Arctic tundra.

Subjects: POLAR bear; LOW temperatures

Periodical



HTML Full Text



PDF Full Text (564KB)

3. COOL inventions.



By: Lu, Cathy. *National Geographic Kids*. May2008, Issue 380, p13-13. 1p. 3 Color Photographs. Reading Level (Lexile): 1010.

This article offers information on some inventions. Nicknamed the Jetson, the M200X is the ultimate off-road vehicle, soaring ten feet above the ground and taking one places one could not ordinar...

Subjects: INVENTIONS; OFF-road vehicles; GLOVES; SHOES; GALAXIES

Periodical

Browse by Category



Animals



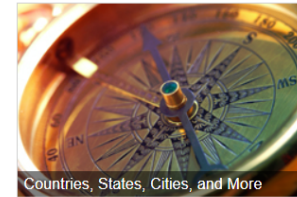
Arts and Music



Biographies



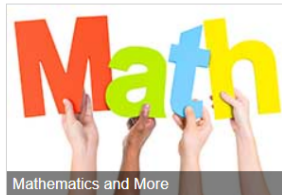
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A



Asteroid



Alternative Energy



Anatomy

B



Category Browse—Picking a Topic

Refine Results

Current Search

Boolean/Phrase:
Asteroid

Limiters
Full Text

Limit To

Full Text

1992 Publication Date 2017

Show More
Options set

Source Types

All Results

Magazines (95)

Books (4)

Encyclopedias (12)

Show More

Search Results: 1 - 10 of 112

Relevance Page Options Share



Topic Overview Asteroids and the Asteroid Belt.

An **asteroid** is a small piece of rock that orbits, or moves around, the sun. There may be about one million asteroids in Earth's solar system. Our solar... [More](#)
Salem Press Primary Encyclopedia, 2016

1. ASTEROID STRIKE!



Periodical

By: WARREN, STEPHANIE. *National Geographic Kids*. Nov2013, Issue 435, p30-32. 3p. Reading Level (Lexile): 1030.

The article discusses ways to stop space rocks headed toward Earth. They include ramming the **asteroid** with a spacecraft, flying a spacecraft next to the **asteroid** to change its speed, and painting...

Subjects: IMPACT of **asteroids** with Earth; EARTH (Planet); NEAR-earth **asteroids**; ASTRONOMY; SPACE vehicles

[HTML Full Text](#)

2. Ring Around the Asteroid.



Periodical

By: Croswell, Ken. *Highlights*. Dec2015, Vol. 70 Issue 12, p30-31. 2p. 1 Color Photograph. Reading Level (Lexile): 740.

The article provides scientific information about the ring around the **asteroid** between the orbits of the planets Saturn and Uranus that was later named by astronomers as Chiron.

Subjects: ASTEROID orbits; CHIRON (Asteroid)

[HTML Full Text](#) [PDF Full Text](#) (822KB)

3. What Would Happen?



Periodical

By: BOYER, CRISPIN. *National Geographic Kids*. Apr2017, Issue 469, p5-5. 1p. Reading Level (Lexile): 940.

The article presents possible answers to hypothetical questions related to science. An **asteroid** colliding with Earth is expected to have the same impact as a hundred billion tons of dynamite expl...

Subjects: SCIENCE; ASTEROIDS; GILLS; FLYING automobiles; EARTH (Planet)

Explora Middle School Student Research


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Victory over Japan (V-J) Day, August 14th

The formal act of surrender by Japan took place aboard the battleship USS Missouri in Tokyo Bay on September 2, 1945 (Tokyo time; it was September 1 in Washington, D.C.). However, Japan's capitulation had already been announced on August 14, and it is this date that is generally remembered as V-J Day.

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Search Modes and Expanders

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- Find all my search terms
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SmartText Searching
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[Close](#)

Apply related words

Also search within the full text of the articles

Limit your results

Full Text

Magazine

Peer Reviewed

Number of Pages

All

Published Date

Month Year - Month Year

Special limiters for Teacher Reference Center

PDF Full Text

Explora Middle School—Advanced Search

Special limiters for Consumer Health Complete

Publication Type

Health Report/Fact Sheet
Newswire
Pamphlet
Periodical
Trade Publication

Language

All
Chinese
Czech
Dutch/Flemish

Document Type

All
Abstract
Article
Bibliography

Cover Story

PDF Full Text

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References Available

Document Type

All
Abstract
Article
Bibliography

Publication Type

All
Academic Journal
Book/Monograph
Essay

Cover Story

Special limiters for Topic Overviews 6-12

Publication Type

All
Encyclopedia

Number of Pages

Document Type

All
Article
Biography

Subject

Search

Search and Search Results

Same results listing as Explora Elementary Student Research

- Refine results
- Text-to-speech
- Save and share
- Translate
- Title information
- Sort by options

The screenshot shows the Explora search interface. At the top, the search bar contains the word "osmosis" and a search button. Below the search bar, there are links for "Basic Search", "Advanced Search", and "Search History". The search results are displayed in a list format. The first result is a "Topic Overview" for "Osmosis and Diffusion (Botany)", which includes a brief description and a link to "More". The second result is an article titled "WHERE THEY TAME THE UNDRINKABLE OCEAN." by Atherton, Kelsey, published in Popular Science. The article description mentions the Jebel Ali desalination plant in Dubai. The third result is "Reverse Osmosis Filter Use and High Arsenic Levels in Private Well Water." The interface includes a "Refine Results" sidebar on the left with options for "Current Search", "Boolean/Phrase", "Limiters", and "Limit To". The "Limit To" section has checkboxes for "Full Text" and "Peer Reviewed", and a date range selector from 2001 to 2017. The main results area has a "Search Results: 1 - 10 of 122" indicator and a "Relevance" sort option. The top right corner of the page says "ECARD VIRTUAL LIBRARY".

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[More](#)

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[More](#)

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Arts and Literature

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

A	Abbreviation	All Quiet on the Western Front	Anderson, Marian
	Adventures of Huckleberry Finn	Allegory	Apatow, Judd
	Aeneid	Alexie, Sherman	As I Lay Dying
	Age of Innocence, The	Allen Ginsberg	
B	Bell Jar, The	Bradstreet, Anne	Beowulf
	Baker, Josephine	Brontë, Charlotte and Emily	Bhagavad-Gita
	Ball, Lucille	Burns, Robert (Scottish poet)	Blank verse
	Berry, Chuck	Beat Generation	
	Bosch, Hieronymus	Bengali people	
C	Color Purple, The	Cleaver, Eldridge	Cat on a Hot Tin Roof
	C. S. Lewis	Cole, Nat King	Catch-22
	Cash, Johnny	Coltrane, John	Counter Culture
	Cassatt, Mary	Cooke, Sam	Couplets
	Chanel. Coco	Candide	

Explora High School Student Research



Victory over Japan (V-J) Day, August 14th

The formal act of surrender by Japan took place aboard the battleship USS Missouri in Tokyo Bay on September 2, 1945 (Tokyo time; it was September 1 in Washington, D.C.). However, Japan's capitulation had already been announced on August 14, and it is this date that is generally remembered as V-J Day.

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"A Tale of Two Cities" by Charles Dickens

Homographs

Jazz

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Biography



Toni Morrison

Chaim Potok

Virginia Apgar

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Jail diversion programs

Outdoor Recreation Industry

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Treaty System

Homegrown terrorism

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Ecclesiastical State

Saudi Arabia

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Dementias

Attention Deficit Hyperactivity Disorder (ADHD)

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Firearms and Cannon

442nd Infantry Regiment (United States)

Failed State

[More](#)

Science and Math



Big Bang Theory

Fantasy Sports Leagues and Mathematics

Weather and Weather Patterns

[More](#)

Search and Search Results

Same results listing as Explora Elementary Student Research

- Refine results
- Text-to-speech
- Save and share
- Translate
- Title information
- Sort by options
- Advanced Search features the same limiters as Middle School Student Research

The screenshot shows the Explora search interface. At the top, the search bar contains 'climate change' and a 'Search' button. Below the search bar, there are navigation links for 'Basic Search', 'Advanced Search', and 'Search History'. The main content area displays 'Search Results: 1 - 10 of 4,338'. On the left side, there is a 'Refine Results' sidebar with sections for 'Current Search', 'Boolean/Phrase' (set to 'climate change'), 'Limiters' (set to 'Full Text'), 'Limit To' (with checkboxes for 'Full Text' and 'Scholarly (Peer Reviewed) Journals'), 'Publication Date' (ranging from 1990 to 2017), and 'Source Types'. The main results area shows a 'Topic Overview' for 'Climate change theories' with a brief description and a 'More' link. Below this, two search results are listed, each with a title, author information, a brief description, and options for 'HTML Full Text' and 'PDF Full Text'.

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Browse:	Standards:
State: Pennsylvania	<input checked="" type="checkbox"/> Learning to Read Independently
Standard: Academic Standards	<input checked="" type="checkbox"/> Reading Critically in All Content Areas
Subject: Reading, Writing, Speaking and Listening	<input checked="" type="checkbox"/> Reading, Analyzing and Interpreting Literature
Year: 2002	<input checked="" type="checkbox"/> Types of Writing
Grade: 11	<input checked="" type="checkbox"/> Write short stories, poems and plays.
	<input checked="" type="checkbox"/> Write complex informational pieces (e.g., research papers, analyses, evaluations, essays).
	<input checked="" type="checkbox"/> Write persuasive pieces.
	<input type="checkbox"/> Maintain a written record of activities, course work, experience, honors and interests.
	<input type="checkbox"/> Write a personal resume.
	<input checked="" type="checkbox"/> Quality of Writing
	<input checked="" type="checkbox"/> Speaking and Listening
	<input checked="" type="checkbox"/> Characteristics and Functions of the English Language

Image Carousel



Browse the image carousel

Click on “Learn More” to access a list of relevant search results

Advanced Search



Select a Field (optional) [?](#)

AND Select a Field (optional)

AND Select a Field (optional)

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 - Find all my search terms
 - Find any of my search terms
 - SmartText Searching [Hint](#)

- Apply related words
- Also search within the full text of the articles

Limit your results

Number of Pages

All

Published Date

Month Year - Month Year

- Full Text
- Magazine
- Peer Reviewed
- PDF Full Text

Search Results

Educator's Edition **explora** An EBSCO Experience

1:1 ?

Basic Search Advanced Search Search History

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Current Search

Boolean/Phrase:
1:1

Limit To

Full Text
 Peer Reviewed
 PDF Full Text

1985 Publication Date 2017

Show More

Source Types

All Results
 Academic Journals (206)
 Trade Publications (15)
 Magazines (56)
 Reviews (12)

Search Results: 1 - 10 of 288 Relevance Page Options Share

- The Year-Two Decline: Exploring the Incremental Experiences of a 1:1 Technology Initiative.**
By: Swallow, Meredith. *Journal of Research on Technology in Education*. Apr2015, Vol. 47 Issue 2, p122-137. 16p. 1 Chart, 2 Graphs. DOI: 10.1080/15391523.2015.999641.
Reports on **one-to-one** (1:1) technology initiatives emphasize overall favorable results; however, comprehensive multiyear studies looked at understate the progressive experiences of teachers and s...
Subjects: **ONE-to-one** computing in education; LEARNING; SUSTAINABILITY; TECHNOLOGY; TECHNOLOGICAL innovations
- Gaining and Sustaining TEL in a 1:1 Laptop Initiative: Possibilities and Challenges for Teachers and Students.**
By: Lindqvist, Marcia J. P. Håkansson. *Computers in the Schools*. Jan-Mar2015, Vol. 32 Issue 1, p35-62. 28p. 1 Illustration. DOI: 10.1080/07380569.2015.1004274.
The uptake and use of digital technologies is studied in Unos Umeå, a joint **one-to-one** (1:1) research project between Umeå University and the municipality of Umeå in Sweden. This article presents...
Subjects: DIGITAL technology -- Research; UMEA University (Umea, Sweden); COMPUTER assisted instruction; CLASSROOM environment -- Universities & colleges; COLLEGE teachers -- Sweden; COLLEGE students -- Sweden
- Acquiring Teacher Commitment to 1:1 Initiatives: The Role of the Technology Facilitator.**
By: Stanhope, Daniel S.; Corn, Jenifer O. *Journal of Research on Technology in Education (International Society for Technology in Education)*. Spring2014, Vol. 46 Issue 3, p252-276. 25p. DOI: 10.1080/15391523.2014.888271.
Using mixed methods, we examined the impact of technology facilitators (TFs) on teacher commitment to 1:1 initiatives. Findings from quantitative analysis complemented by qualitative analyses sug...
Subjects: COMMITMENT (Psychology); MOTIVATION (Psychology); TEACHERS -- Attitudes; TEACHING methods; OCCUPATIONAL roles; FACILITATORS (Persons)
- Using Class Blogs in 1:1 Schools—Searching for Unexplored Opportunities.**
By: Andersson, Annika; Räisänen, Kalle. *Computers in the Schools*. Jul-Sep2014, Vol. 31 Issue 3, p173-196. 24p. DOI: 10.1080/07380569.2014.932622.
This article focuses on class blogs and presents results from 1:1 schools in Sweden. While Swedish schools are increasingly using Web 2.0 technologies (e.g., wikis and blogs), most of this use is...
Subjects: BLOGS -- Research; SOCIAL media in education; INTERNET in education research; WEB 2.0 research; EDUCATION -- Sweden

Article View—HTML Full Text

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1:1 Search

[Basic Search](#) [Advanced Search](#) [Search History](#)

Detailed Record

HTML Full Text

[Find Similar Results](#)
using SmartText Searching.

Result List | Refine Search | 3 of 4

Choose Language Translate

Title: The Promotion of Sociomoral Growth Through Physical Education: Field Testing of a Curricular Model. By: Solomon, Gloria B., Physical Educator, 00318981, Fall2007, Vol. 64, Issue 3

Database: Teacher Reference Center

The Promotion of Sociomoral Growth Through Physical Education: Field Testing of a Curricular Model

Contents
Method
Results
Discussion
Table 1. Sample Lesson Plan
Table 2 Eight Affective and Psychomotor Skill Curricular Model Themes
Table 3 Beta Coefficients and t-values among Post-test Predictor and Outcome Variables
REFERENCES

Listen American Accent

The purpose of this study was to implement and evaluate a curricular model designed to enhance sociomoral and psychomotor development in physical education. The curricular content and implementation strategies were grounded in structural developmental theory. Twenty-one 1st and 2nd grade children, who attended a university laboratory school were instructed using the curricular model. The children were tested three times over the course of 12 months on four variables: distributive justice reasoning, perceived competence, fitness, and locomotor skills. Results indicated that children improved in distributive justice reasoning and locomotor skills from pre-test to post-test. Multiple regression analyses demonstrated that post-test distributive justice scores were predicted by perceived competence. Actual ability, defined as fitness level and locomotor skills, did not predict distributive justice reasoning. Results are discussed in terms of the efficacy of the curricular model and adaptations that warrant consideration.

The subject of physical education has existed in the public school curricula for over 150 years. Even before the city of Boston began to require daily exercise for school children in 1853 (Lumpkin, 1998), wide discussion on the purpose, objectives, and outcomes of quality physical education occurred. The thrust of the "New Physical Education" movement promoted education through the physical (Mechikoff & Estes, 2001). The outcome of this movement included the promotion of multiple competencies via physical education. Three educational domains emerged, which currently serve as a cornerstone of teacher preparation programs throughout the United States. These are labeled the psychomotor, cognitive, and affective domains.

While the emphasis in most physical education programs centers on psychomotor and cognitive maturation, the affective domain is largely neglected. This occurs despite early physical educators' support of direct inclusion of affective components. For example as early as 1831, professional physical educators requested the serious consideration of character development as integral to the physical education curricula (Solomon, 1997a). Some advocated that the true educational contribution of physical education lay in its ability to improve not only motor skills, but also ensure affective outcomes. This message reverberated for many years without concrete attention until McGrew (1999), in his classic contribution to the first issue of the Research Quarterly, declared that physical education would benefit the development of students if specific

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PZ Lesson Plan and STEM

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[Result List](#) | [Refine Search](#) [2 of 24](#)

The Nook STEM Station.

Authors: [King, Alessandra](#)

Source: Mathematics Teaching. Mar2015, Issue 245, p15-17. 3p.

Document Type: Lesson Plan

Subjects: [STEM education](#)
[MATHEMATICS -- Study & teaching -- Aids & devices](#)
[ACTIVITY programs in middle school education](#)
[MIDDLE school education](#)

Abstract: The article discusses an activity program involving a nook **STEM** (science, technology, engineering, and mathematics) station in a classroom that used hands-on activities to develop mathematical thinking in middle school students, involving bulletin boards and posters to encourage students.

Full Text Word Count: 1360

ISSN: 0025-5785

Accession Number: 108471918

[Result List](#) | [Refine Search](#) [2 of 24](#)

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Lesson Plans from EBSCO Explora Website

https://help.ebsco.com/interfaces/Explora/Resources_for_Educators

This guide provides lesson plans and other resources for educators using *Explora*.

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Sample Lesson Plan from EBSCO

Science - Butterflies & Camouflage



– Table of contents

1. Overview
2. Curriculum Standards
3. Objectives
4. Materials
5. Vocabulary
6. Procedure

Overview

Designed for the elementary school classroom (Grade 1), this learning activity teaches students about butterflies and the environment in which they thrive. Students will explore the scientific thematic concept of camouflage and search for images using the *Primary Search* database in EBSCOhost or *Explora*.

Title: Beautiful Butterflies: Now You See Them, Now You Don't!

Audience: Grade 1

Curriculum Standards

English Language Arts Standards » Reading: Informational Text » Grade 1

Key Ideas and Details:

- CCSS.ELA-Literacy.RI.1.1: Ask and answer questions about key details in a text.

https://help.ebsco.com/interfaces/Explora/Resources_for_Educators/Butterflies_and_Camouflage

Student Tools

Student Tools



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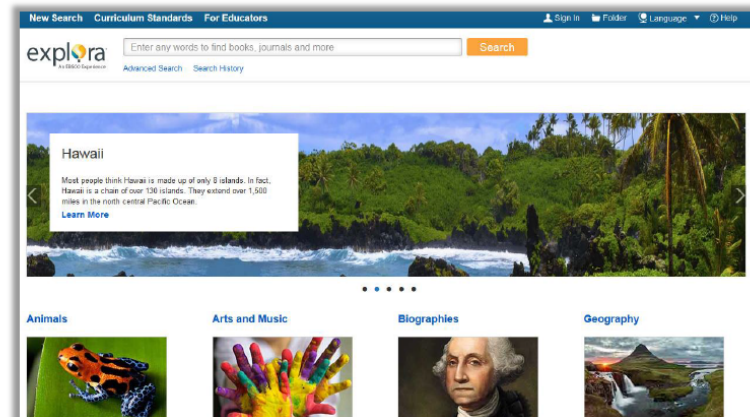


Scavenger Hunt – Primary Schools

Welcome to *Explora*, EBSCO's search interface designed specifically for kids! *Explora* is the place you'll find trusted information about the topics that interest you. To help you get to know *Explora*, we've created this scavenger hunt activity. Follow the directions below and answer the questions. When you're done, you'll be an expert researcher!

1. Take a look at the *Explora* home page. It should look like the screen pictured below. Looking at your computer screen (not the picture!), **identify 3 topics you could learn more about using *Explora*.**

- a) _____
- b) _____
- c) _____



Curriculum Standards

Curriculum Standards



Curriculum Standards

STEM instruction and the Common Core (PDF)

STEAM instruction and the Common Core (PDF)

Five ways to use EBSCO's school products to support STEM instruction and the Common Core

Informative Texts in Science, Technology, Engineering, and Mathematics

Across the curriculum, state and Common Core standards are emphasizing student-accessible informational or nonfiction texts. EBSCO's school products are an invaluable resource for these much-needed resources. You can easily search for informational texts on any given topic.

Follow the instructions below to delve into more specific subject areas, or filter your results to full text or by Lexile score.

1. Search by subject

From the citation record, educators can find related searches within the same or similar subject area by clicking on the Subjects hyperlinks.

Find specific and similar topics with Subjects:

- Keyword search: gravity
- Click on a record from the results list.
- Use the hyperlinked Subjects to find related articles about area or perimeter.

Source:	Scientific American, Oct2014 Supplement, Vol
Document Type:	Article
Subjects:	QUANTUM gravity QUANTUM theory RELATIVITY & quantum mechanics GENERAL relativity (Physics) GRAVITY PHYSICS

2. Limit by full text

Increasingly, educators are seeking full text content to satisfy curriculum standards. Finding full text content is made simple by filtering results using the Full Text limiter.

Search for Full Text articles:

- Keyword search: force AND motion
- Limit results by checking the box for Full Text.
- Results will show only Full Text articles containing keywords *force* and *motion*.

Limit To	▼
<input checked="" type="checkbox"/>	Full Text
<input type="checkbox"/>	Peer Reviewed
<input type="checkbox"/>	Cover Story

3. Use Lexile scores to address differentiated instruction

Learners across the spectrum deserve content that meets them where they are developmentally. EBSCO's Lexile limiter allows users to filter by Lexile, allowing educators to choose from a number of texts of varying complexity within the same subject area.

Limit results by Lexile Reading Level:

- Click Advanced Search.
- Keyword search: doppler effect
- Choose Lexile Reading Level range 1100-1300+

Lexile Reading Level
1000-1100
1100-1199
1100-1200
1100-1300+

Valuable Sites for Teachers

Valuable Sites for Teachers



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EduCore
Tools for Teaching the Common Core

LOG IN or REGISTER SEARCH by Keyword, ex. Algebra, Integers FILTERED SEARCH

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for all students

Welcome to EduCore!
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Are you searching for resources to implement the Common Core State Standards? Here you will find current, relevant, evidence-based tools and professional development to smooth your transition into a new era of teaching and learning. Watch one of the videos to learn more!

Register to be able to save your searches, organize the tools, and add notes.

REGISTER NOW

Elementary Literacy Resources

ASCD is excited to feature a sampling of elementary literacy resources from the Basal Alignment Project with Student Achievement Partners.

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Watch how mathematics formative assessment Classroom Challenges are implemented in the classrooms by real teachers.

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Featured Lesson
An Eighth Grade Physical Science Module from I DC

Explora Help Webpage—Additional Resources

Explora

Here you'll find help, FAQs, training and promotional resources for *Explora*, EBSCO's dedicated search interface for schools and public libraries.

Explora - User Guide



This user guide includes information about searching, browsing, and viewing results in Explora.

[Explora - Advanced Search](#)

[Explora - Basic Search](#)

[Explora - Browsing by Category](#)

[Explora - Browsing the Image Carousel](#)

[Explora - Reading an Article](#)

[See all »](#)

Explora - Training & Promotion



This guide includes training and promotional materials for Explora.

[Explora - Promotion Kit](#)

[Explora - Scavenger Hunts](#)

[Explora - Tutorial](#)

[See all »](#)

Explora - Frequently Asked Questions (FAQs)



This guide compiles a list of frequently asked questions about Explora.

[Are Lexiles included in Explora?](#)

[Are videos available in Explora?](#)

[Can Explora content be shared to Google Classroom?](#)

[Can persistent links to Explora articles be posted on NoodleTools?](#)

[Can users search EBSCO eBook collections in Explora?](#)

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Explora - Admin Guide



This guide contains documentation to support library administrators in setting up and maintaining Explora profiles in EBSCOadmin.

[Can I control which databases are searchable in Explora?](#)

[Our school/public library has access to Explora through our state library/consortium. Can we customize our version of Explora, or are we limited by how the state sets it up?](#)

[We use a discovery service in our library. Does Explora work with discovery?](#)

[Enabling the Explora Educator's Edition in EBSCOadmin](#)

[Enabling the Explora interface in EBSCOadmin](#)

[See all »](#)

<https://help.ebsco.com/interfaces/Explora>

Explora Public Libraries



Search

Advanced Search Search History

ECARD VIRTUAL LIBRARY



Victory over Japan (V-J) Day, August 14th

The formal act of surrender by Japan took place aboard the battleship USS Missouri in Tokyo Bay on September 2, 1945 (Tokyo time; it was September 1 in Washington, D.C.). However, Japan's capitulation had already been announced on August 14, and it is this date that is generally remembered as V-J Day. [Learn More](#)

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Homographs

Jazz

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Chaim Potok

Virginia Appar

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Sleep Apnea

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History and Social Science



Firearms and Cannon

442nd Infantry Regiment (United States)

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Science and Math




Big Bang Theory

Fantasy Sports Leagues and Mathematics

Weather and Weather Patterns

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Advanced Search

 Select a Field (optio... [?](#)

AND Select a Field (optio...
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Search Options

Search Modes and Expanders

- Search modes [?](#)
- Boolean/Phrase
 - Find all my search terms
 - Find any of my search terms
 - SmartText Searching [Hint](#)

- Apply related words
- Also search within the full text of the articles

Limit your results

Full Text

Published Date
Month Year - Month Year

Journal

Scholarly (Peer Reviewed) Journals

Number of Pages
All

Special limiters for Consumer Health Complete

Publication Type
All
Academic Journal
Book
Encyclopedia

Language
All
Chinese
Czech
Dutch/Flemish

Document Type
All
Abstract
Article
Bibliography

Cover Story

PDF Full Text

Special limiters for GreenFILE

References Available

Document Type

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All
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U.S. Congress
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Browse by Category--Topics

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A

[Agricultural Industry](#)

[Agricultural Subsidies](#)

[Allen, Paul \(American entrepreneur\)](#)

[American expansionism](#)

[Amortization \(business\)](#)

[Andriessen, Marc](#)

[Applied Mathematics](#)

[Armani, Giorgio](#)

[American Conservatism](#)

B

[Bank failures](#)

[Banking industry](#)

[Batteries and fuel cells industry](#)

[Beverage and tobacco industry](#)

[Buffett, Warren E.](#)

[Bond \(finance\)](#)

[Building architecture industry](#)

[Building construction industry](#)

C

[Carnegie, Andrew](#)

[Caveat emptor](#)

[Chemicals industry](#)

[Coal mining industry](#)

[Coca-Cola Co](#)

[Communism](#)

[Comparative advantage](#)

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[Commander-in-Chief](#)

Search Results

explora  An EBSCO Experience

agricultural industry 

Basic Search [Advanced Search](#) [Search History](#)

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Refine Results

Current Search

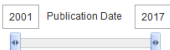
Boolean/Phrase:
agricultural industry

Limiters
Full Text

Limit To

Full Text
 Scholarly (Peer Reviewed) Journals


2001 Publication Date 2017






[Show More](#)
Options set


Source Types

All Results
 Academic Journals (12)
 Magazines (11)
 Encyclopedias (93)



Search Results: 1 - 10 of 294 Relevance ▾ Page Options ▾  Share ▾


 **Topic Overview**
Farming industry.
The farming industry plants, grows, harvests, transports, and markets crops to be used for food, animal feed, biofuel, textiles, and other purposes. [More](#)
Salem Press Encyclopedia, 2015

1. **Halfway There?**  



 By: Boucher, Doug; Ferretti-Gallon, Kaif. *Greenlips*. 2015, p1-12. 12p. 1 Color Photograph, 2 Charts, 1 Graph.
The article indicates that the land sector or Agriculture, Forestry and Other Land Use (AFOLU) can contribute to closing the emissions gap though the reduction of carbon emissions from deforestat...
Subjects: Carbon dioxide mitigation; Carbon sequestration; **Agricultural industries**; Forests & forestry; Land use; Control of deforestation -- Environmental aspects


[HTML Full Text](#)

2. **The Rise of Superweeds -- and What to Do About It.**  

 *Greenlips*. 2013, p1-8. 8p. 5 Color Photographs.
The article focuses on the **agricultural** infestation of superweeds among farmlands and **agricultural** business in the U.S. Topics discussed include the propose approach of agrochemical company Mosan...
Subjects: Biological control of weeds; Effect of glyphosate on plants; **Agricultural industries&** the environment; Soil fertility; Monsanto Co.; Herbicide resistance -- Prevention

[HTML Full Text](#)

3. **Agricultural Workers and Urinary Bladder Cancer Risk in Egypt.**  

 By: Amir, Sania; Dawson, Rebecca; Saleh, Do'a A.; Magder, Laurence S.; Mikhail, Nabil N.; St. George, Diane Marie; Squibb, Katherine; Khaled, Hussein; Loffredo, Christopher A. *Archives of Environmental & Occupational Health*. Jan2014, Vol. 69 Issue 1, p3-10. 8p. DOI: 10.1080/19338244.2012.719556.
The authors examined the associations between farming and the risk for squamous cell (SCC) or urothelial cell (UC) carcinoma of the urinary bladder among Egyptians. The authors used data from a m...
Subjects: EGYPT; **AGRICULTURAL** laborers; **AGRICULTURAL industry** employees; BLADDER cancer; URINARY organ cancer

[PDF Full Text](#) (100KB)

Article View

Detailed Record

HTML Full Text

[Find Similar Results](#)
using SmartText Searching.

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Choose Language

Title: Halfway There? By: Boucher, Doug, Ferretti-Gallon, Kalifi, Greentips, 2015

Database: GreenFILE

Halfway There?

Contents

- Executive Summary
- TABLE 1. Climate Mitigation Potentials of AFOLU Subsectors, Globally and by Country
- Introduction
- THE 2-DEGREE CHALLENGE AND THE EMISSIONS GAP
- LAND USE'S ROLE IN CLOSING THE GAP
- AGRICULTURAL EMISSIONS
- DEFORESTATION, FOREST DEGRADATION, AND CLEARING PEAT

Listen American Accent

What the Land Sector Can Contribute to Closing the Emissions Gap

January 2015

Executive Summary

International talks on climate change will reach a critical stage at the end of 2015, when an agreement on large reductions in global warming emissions is to be negotiated in Paris. In order to avoid the worst consequences of climate change, the sum of countries' further emissions reductions will need to close the "emissions gap"—the difference between what they have already committed themselves to doing and what will be necessary to keep global temperature rise below 2 degrees above pre-industrial levels. The United Nations Environment Programme, in its most recent Emissions Gap report (2014), has estimated that in the absence of sufficient reductions beforehand, this gap will be 8-10 billion tons of CO₂ equivalent (Gt CO₂eq) in 2020 and 14-17 Gt CO₂eq in 2030. At present, total global emissions are about 54 Gt CO₂eq/year.

Closing the emissions gap is thus a huge challenge for the global community, and we will begin to see in early 2015 whether countries are likely to meet it. This is when they start announcing their Intended Nationally Determined Contributions (INDC)—the mitigations they plan to achieve in the 2020s. The large-scale deployment of available and highly effective land use options could increase that likelihood substantially.

TABLE 1. Climate Mitigation Potentials of AFOLU Subsectors, Globally and by Country

	Ruminant Methane	Rice Methane	Soil N ₂ O and CO ₂	Deforestation and Degradation	Peat	Sequestration from Regrowth
Global						
United States						

Tools

- Google Classroom
- Google Drive
- Add to folder
- Print
- E-mail
- Save
- Cite
- Export
- Create Note
- Permalink
- Share

Wrap Up

SIRS Discoverer

- Great for specialized topic research
 - State and country research
 - Pro/Con issues
 - Science Fair projects
- Easily incorporate SIRS Discoverer features into library lessons

EBSCO Explora

- Great general reference resource for research
- Expora Public Libraries edition is great for general public use for adult patrons, as well as in schools.

Questions?



Hands-on Time



SIRS Discoverer

- Choose one of the topics under the “Explore Features” category
- Check out the featured “Spotlight on” category, and explore the contents available
- Look at the Pro/Con Leading Issues site, choose a topic, and examine the information available. Think about how you could use this portion of SIRS in your library.

EBSCO Explora Databases

- Try to create a folder and practicing saving articles (email not needed).
- Find the Explora scavenger hunts under “Explora Educator’s Edition” and choose one to complete.
- Explore some of the differences between Explora for elementary, middle, and high schools.