

NEW

# 大英線上教育版 *Britannica Academic* 介紹及操作說明

Trusted by More Colleges & Universities  
than Any Other General Reference Resource



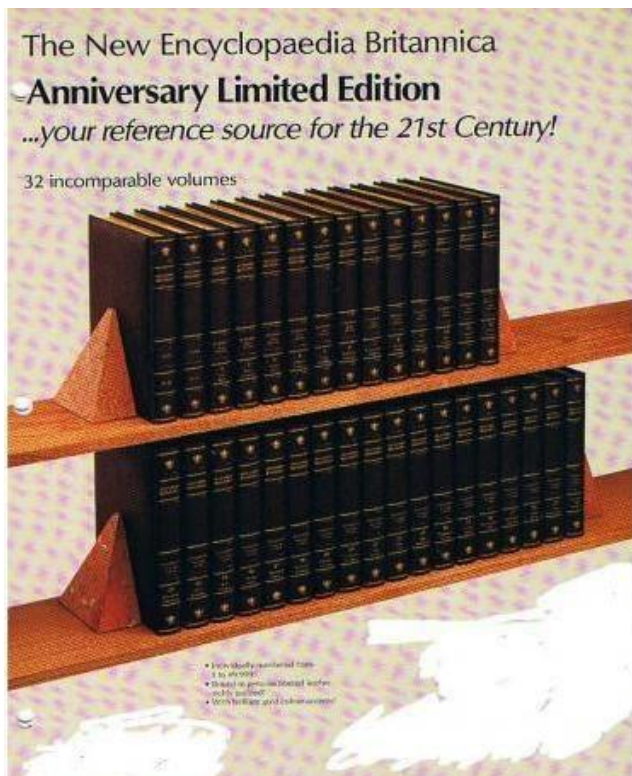
# 大英百科全書的歷史1



- ◆西元1751年到1780年，法國大學者狄德羅 (Denis Diderot 1713-1784)，網羅了當時啟蒙時代的184位學者專家以三十年時間編印完成的「科學藝術及專業知識百科全書」，是全世界第一套「現代百科全書」。
- ◆由於法國百科全書的出版，激發了歐洲各國紛紛跟進，其中最為成功、最為著名的就是青出於藍的「大英百科全書」(Encyclopedia Britannica)。大英的第一版在1768年的愛丁堡誕生，全書到1771年即已全部出齊，共有三冊，一上市就銷售一空。隨著每個時代的專家學者的加入，一版一版的改寫、修訂與擴充，其地位與價值也逐漸提高。



## 大英百科全書的歷史2



- ◆ 1901年美國出版商買下大英百科全書的版權，之後的出版與編輯工作逐步轉移到美國，並投入大量人力物力，邀集近140個國家和地區的4000位學者專家參與撰述，大量收入歐洲以外地區的資料，終於由「國家地域性的百科全書」躍昇為「世界性的百科全書」，確立了它在百科全書界中最高，最具權威的地位。(15<sup>th</sup>版, 3000萬usd)

# 大英百科的光榮再造



- ◆近幾年來，大英不斷進行內容的重塑與再造，跨出百科全書領域，進入教育資源領域，為教育機構量身定做線上產品，也因此將品牌名稱由”大英百科”改為”大英線上”。
- ◆在內容方面，大英線上教育版除了海量的百科知識文章，更囊括了傳記、圖片、影片、期刊、電子書、地圖集、字典…等內容。在功能方面，大英資料庫已可支援行動載具。
- ◆未來亦將不斷增加各類教育所需的內容，並為使用者提供更貼心的功能與服務。

全球大專院校最信任的通識教育資源

# 大英線上教育版

## *Britannica Academic*

- ▶ **全球大專院校使用比率**：美國75%、英國75%、澳洲70%、紐西蘭70%、愛爾蘭100%、芬蘭100%、馬來西亞90%的大專院校為〈大英線上教育版〉訂戶。
- ▶ **長期訂閱機構包含**：中國科學院，北京大學，哈佛大學 Harvard University，牛津大學 University of Oxford，愛丁堡大學 Edinburgh University，倫敦商學院 London Business School，巴黎索邦學院 The Sorbonne Paris（包含巴黎第一大學、巴黎第三大學、巴黎第四大學…等），都柏林大學學院 University College Dublin，馬來西亞的瑪拉工藝大學 Universiti Teknologi MARA (UITM) Malaysia，澳洲國立大學 Australian National University…等等。

# 大英線上教育版

## *Britannica Academic*

### 收錄內容 (1)

- 內容份量最多的知識性百科全書(**Eyclopedia**): 超過126,000篇文章、23,000篇傳記、超過6,600段動畫、影片，與27,000張的圖解、地圖、統計圖等。
- 與外部資源合作(**E-books, E-journals**): 超過24,000本電子書，800,000篇期刊論文
- 韋氏大辭典 (**Dictionary and Thesaurus**): 全球最通行的美式英語字典，超過225,000個詞條，並不斷新增字彙與新義。
- 世界地圖 (**World Atlas**): 提供超過215個國家的地圖、旗幟、統計資料、相關文章等。
- 大英教育圖庫整合查詢(**Image Quest**): 與Image Quest整合查詢，若同時訂閱兩者，可整合查詢三百萬張圖片！。

# 大英線上教育版

## *Britannica Academic*

### 收錄內容 (2)

- **經典文獻、第一手資料、期刊摘錄 (Ebooks, Primary sources & Magazines):** 收錄古騰堡計畫經典文獻、原著第一手資料以及摘錄EBSCO期刊，使讀者一次掌握相關延伸資訊。
- **歷史上的今天 (On This Day):** 歷史不僅是過去的事件，也是現代生活的明鏡。On This Day提供深入有趣的歷史資料，吸引使用者探索。
- **最佳網站指南 (Web's Best Sites):** 可連結至超過100,000個大英精選的相關網站。
- **新聞資訊 (News):** 提供兩大媒體之知識型新聞資訊(*The New York Times & BBC News*)。

# 大英線上教育版

## Britannica Academic

### 產品特色 (1)

#### ■ 內容最豐富、資料最權威的知識性綜合百科全書

大英百科全書自1768年第一版問世以來，集合超過90位元諾貝爾得主等眾專家學者的貢獻而成，被認為是世界上收錄最廣泛的參考工具書。

#### ■ 全球第一部線上百科全書資料庫，屢獲好評

1994年推出BOLAE，成為網路上的第一部百科全書。不僅提供專業百科知識，同時收錄更符合大眾的豐富生活知識。同時多次獲得電子出版物或軟體方面的有關獎項，更讓百科全書的發展邁向新的里程碑，亦為使用者打造開啟多元知識的入門之鑰。



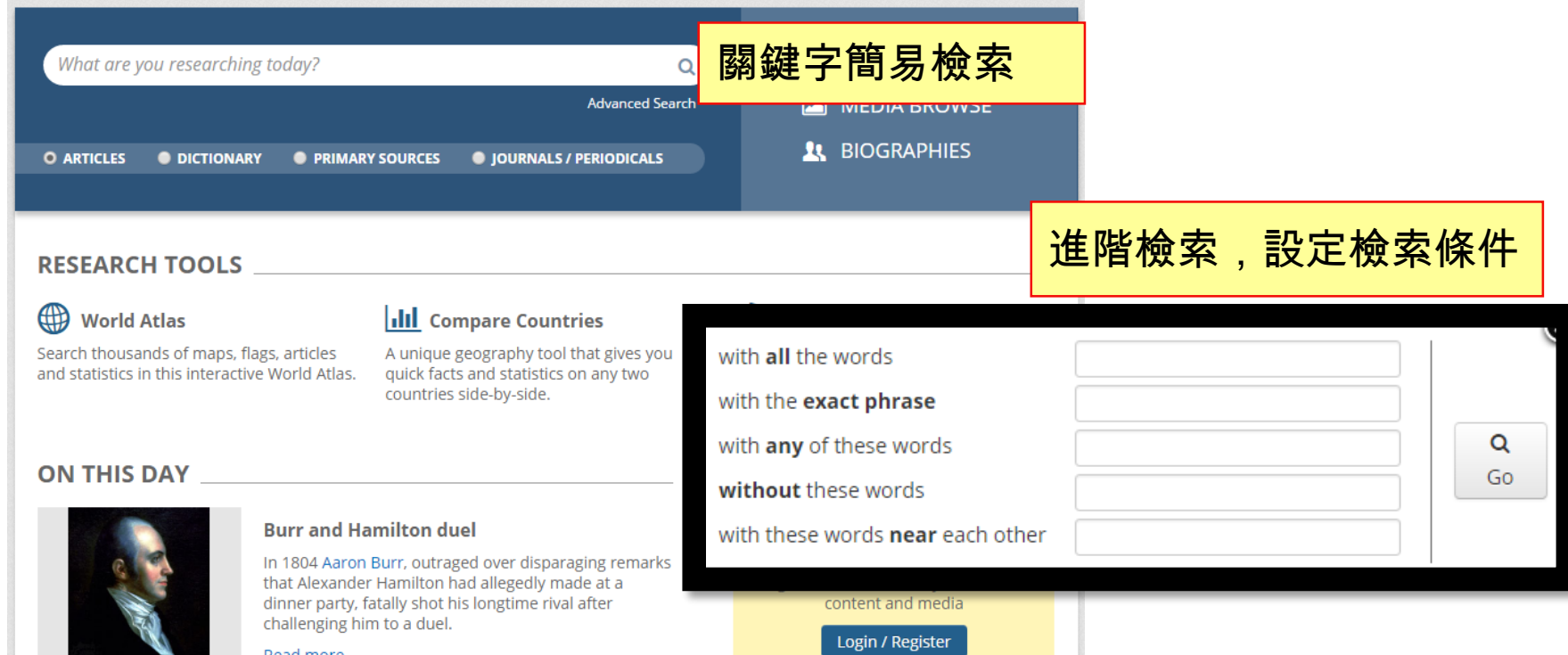


# 大英線上教育版

## *Britannica Academic*

### 產品特色 (2)

- 簡易的使用介面、便利的檢索方式，快速搜尋資訊。



The screenshot displays the Britannica Academic website interface. At the top, there is a search bar with the placeholder text "What are you researching today?". Below the search bar, there are navigation tabs for "ARTICLES", "DICTIONARY", "PRIMARY SOURCES", "JOURNALS / PERIODICALS", "MEDIA BROWSE", and "BIOGRAPHIES".

Key features highlighted with red boxes and yellow text:

- 關鍵字簡易檢索**: A yellow box highlights the search bar area.
- 進階檢索，設定檢索條件**: A yellow box highlights the advanced search options, which include:
  - with **all** the words
  - with the **exact phrase**
  - with **any** of these words
  - without** these words
  - with these words **near** each other

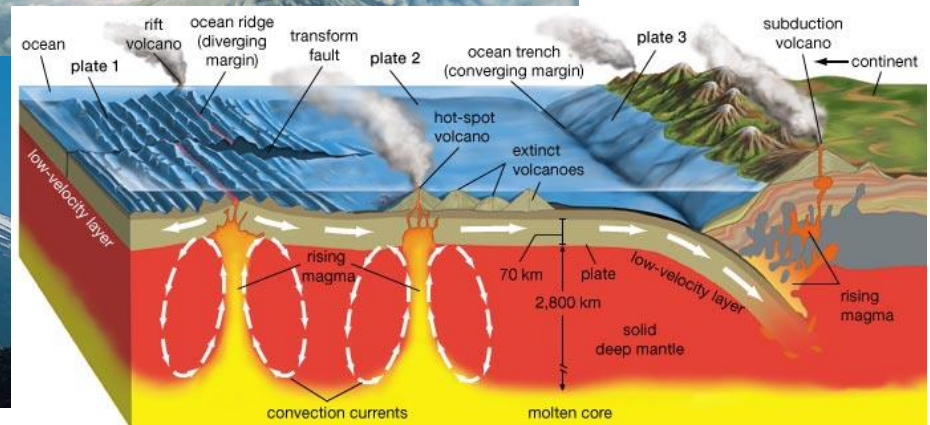
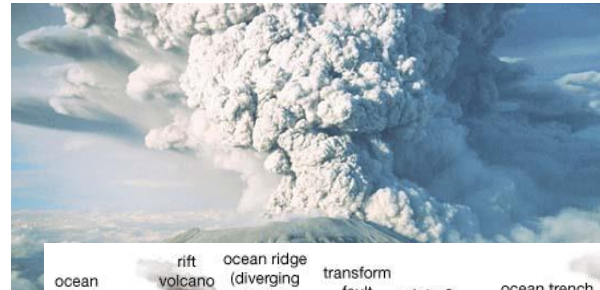
Other visible content includes "RESEARCH TOOLS" with "World Atlas" and "Compare Countries" options, and "ON THIS DAY" featuring a section on "Burr and Hamilton duel" with a portrait of Aaron Burr and a brief description of the event.

# 大英線上教育版 Britannica Academic

## 產品特色 (3)

### ■ 提供文字以外的多媒體資訊，創造多元豐富的百科資源

收錄包含地圖、插畫、數位線條圖、照片、影片、聲音檔等，使學習更生動活潑，突破過往的百科全書侷限。



# 大英線上教育版

## Britannica Academic

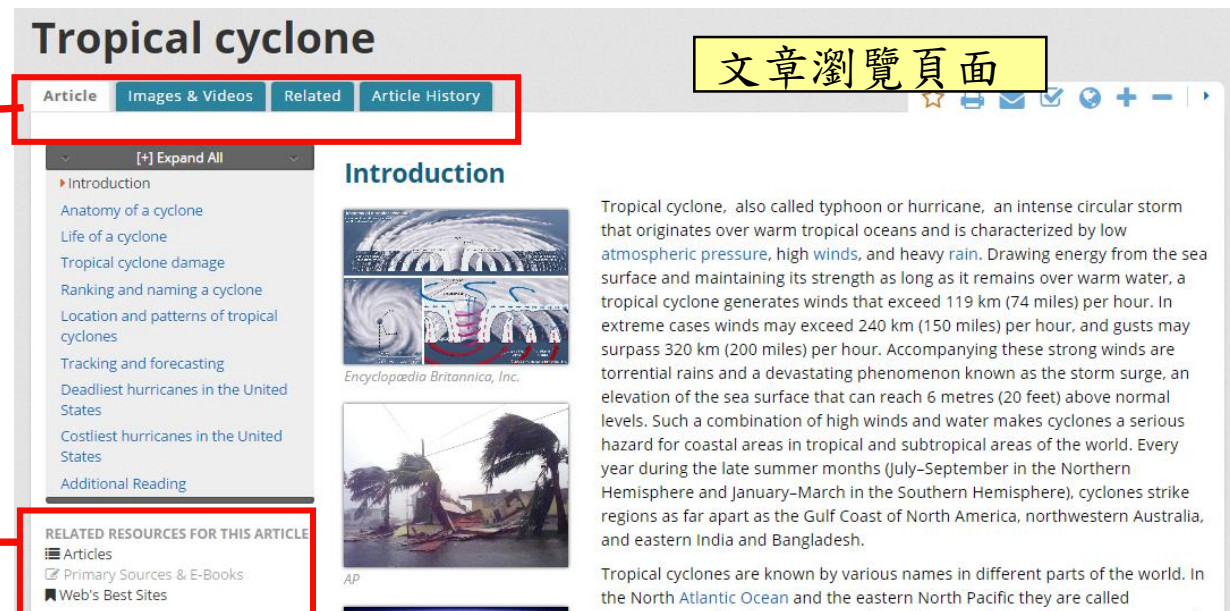
### 產品特色 (4)

#### ■ 多元類型內容，讓百科知識更具延伸性

檢索結果除大英百科編輯的內容外，還包含圖片及影音、古騰堡計畫經典文獻、原著第一手資料以及摘錄EBSCO期刊，以及其他加值內容如：文章編修歷史、相關百科文章...等，讓使用者可從大英百科拓展並汲取更廣的知識。

- 百科文章
- 圖片及影音
- 其它相關內容
- 文章編修歷史

- 相關百科文章
- 電子書及一手資料
- 大英網路指南



The screenshot shows the article page for "Tropical cyclone" on Britannica Academic. The page title is "Tropical cyclone" and the article title is "Introduction". The page is divided into several sections: "Article", "Images & Videos", "Related", and "Article History". The "Article" section is highlighted with a red box. The "Introduction" section contains text about tropical cyclones, including their characteristics and impact. There are also images of tropical cyclones and a video player. The "RELATED RESOURCES FOR THIS ARTICLE" section is also highlighted with a red box, showing links to "Articles", "Primary Sources & E-Books", and "Web's Best Sites".

文章瀏覽頁面

# 大英線上教育版

## Britannica Academic

### 產品特色 (5)

■ 全文翻譯功能，讓英文一秒變中文。

提供google translate內建功能，輕鬆將英文譯為中文，可做為輔助學習的工具。也可譯為日文、法文、德文、西班牙文...等各國語言。



Translate this page

請選取語言

由「Google 翻譯」技術提供

Choose a language from the menu above to view a computer-translated version of this page. Please note: Text within images is not translated, some features may not work properly after translation, and the translation may not accurately convey the intended meaning. Britannica does not review the converted text.

After translating an article, all tools except font up/font down will be disabled. To re-enable the tools or to convert back to English, click "view original" on the Google Translate toolbar.

Global warming, the phenomenon of increasing temperatures near the surface of Earth over centuries. Climate scientists have since the detailed observations of various weather patterns (such as ocean currents and the atmosphere composition). These data indicate that Earth over almost every conceivable timescale since geologic time and that the influence of human activity at the beginning of the Industrial Revolution is the very fabric of climate change.



Translate this page

中文(繁體)

由「Google 翻譯」技術提供

Choose a language from the menu above to view a computer-translated version of this page. Please note: Text within images is not translated, some features may not work properly after translation, and the translation may not accurately convey the intended meaning. Britannica does not review the converted text.

After translating an article, all tools except font up/font down will be disabled. To re-enable the tools or to convert back to English, click "view original" on the Google Translate toolbar.

全球變暖，增加平均空氣的現象的溫度的表面。氣候科學家們自20世紀中葉聚集的各種詳細降水和暴風雨)和相關影響氣候(如洋流和大表明，地球的氣候，因為地質時間的開始和的。可以想像的時間表人，因為至少有開始活動的料非常的氣候變化。

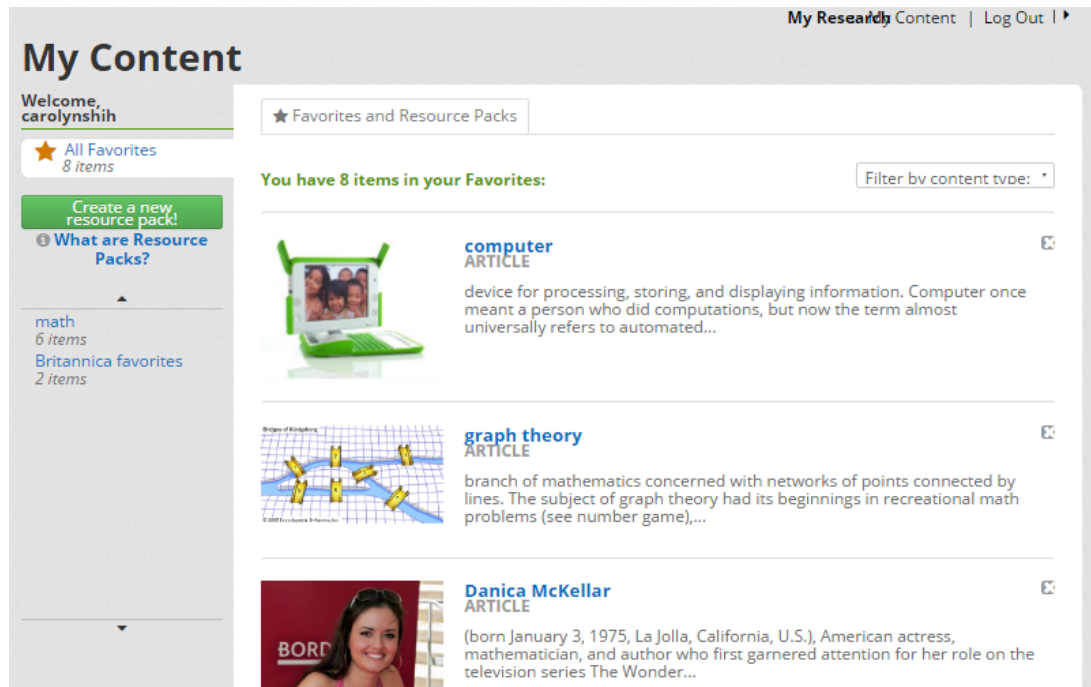
讓聲音越來越定罪的最科學界的氣候變化政府組織(WMO)和成立於1988年聯合國環境IPCC的報告說，1880至2012年間的時間間隔全球平均地表溫度上升。當相對於工業化前(即增加是更接近1.1°C (2.0°F)。警監會指出，大部分在20世紀後半期觀察到的變暖可能歸因於人類活動。據預測，到21世紀末全球平均地表溫度將0.3

# 大英線上教育版

## Britannica Academic

### 產品特色 (6)

- 個人研究工作區(**My Research**)，收藏管理自己有興趣的百科文章，建立終身學習與閱讀紀錄。一般使用者及老師皆可線上管理學習輔助內容(**My Content/Resource Packs**)，課堂運用更容易！



My Research | Content | Log Out | ▶

### My Content

Welcome, carolynshih

★ All Favorites  
8 items


Create a new resource pack!

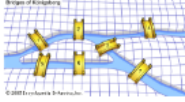
What are Resource Packs?

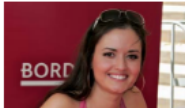
math  
6 items  
Britannica favorites  
2 items

★ Favorites and Resource Packs

You have 8 items in your Favorites: Filter by content type: ▾

 **computer**  
ARTICLE  
device for processing, storing, and displaying information. Computer once meant a person who did computations, but now the term almost universally refers to automated...

 **graph theory**  
ARTICLE  
branch of mathematics concerned with networks of points connected by lines. The subject of graph theory had its beginnings in recreational math problems (see number game),...

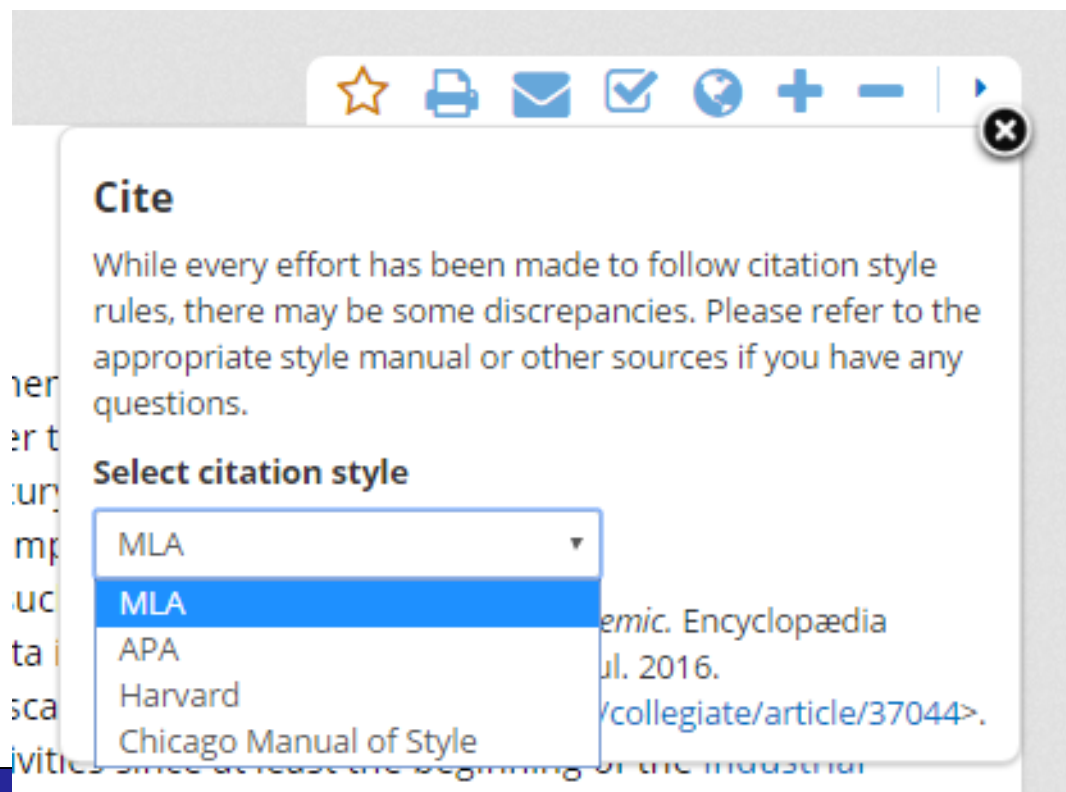
 **Danica McKellar**  
ARTICLE  
(born January 3, 1975, La Jolla, California, U.S.), American actress, mathematician, and author who first garnered attention for her role on the television series The Wonder...

# 大英線上教育版

## *Britannica Academic*

### 產品特色 (7)

- 支援 **MLA, APA, Harvard, Chicago** 參考文獻輸出格式



# 大英線上教育版

## Britannica Academic

### 產品特色 (8)

■ 多種增值工具，輔助閱讀百科文章，啟動便利的英語學習歷程



我的最愛



字體放大及縮小



列印



引用(MLA/APA...等格式)



電郵轉寄



翻譯(google translate)



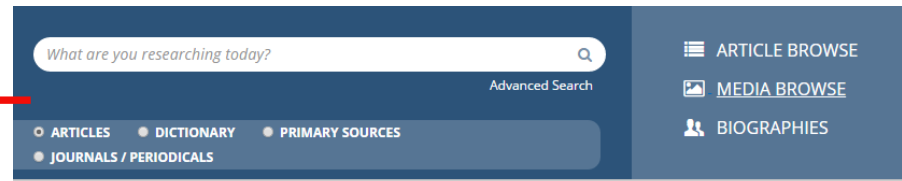
韋氏大辭典(雙擊某個單字, 立即浮現英英/英西字典, 可發音)

大英線上教育版  
*Britannica Academic*  
操作說明與功能簡介



# 首頁介面

**搜尋框:關鍵字檢索**  
**Advanced Search:**  
進階檢索  
**Article:百科文章**  
**Dictionary:字典**  
**Primary Sources:**  
第一手資料  
**Journals/Periodicals:**  
期刊雜誌



What are you researching today?

Advanced Search

- ARTICLES
- DICTIONARY
- PRIMARY SOURCES
- JOURNALS / PERIODICALS

ARTICLE BROWSE  
MEDIA BROWSE  
BIOGRAPHIES

**Article Browse:**  
文章瀏覽  
**Media Browse:**  
影音圖片瀏覽  
**Biographies:**  
名人小傳

## RESEARCH TOOLS



World Atlas

Search thousands of maps, flags, articles and statistics in this interactive World Atlas.



Compare Countries

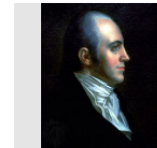
A unique geography tool that gives you quick facts and statistics on any two countries side-by-side.



World Data Analyst

Comprehensive statistics on every nation of the world. Perform statistical comparisons between countries or explore changes over time.

## ON THIS DAY



### Burr and Hamilton duel

In 1804 Aaron Burr, outraged over disparaging remarks that Alexander Hamilton had allegedly made at a dinner party, fatally shot his longtime rival after challenging him to a duel.

[Read more](#)

## INTRODUCING MY RESEARCH!

Create a personal account to save, organize and annotate your favorite content and media

[Login / Register](#)

**World Atlas:**  
世界地圖  
**Compare Countries:**  
國家比較  
**World Data Analyst:**  
世界各國數據分析

**On This Day:**  
歷史上的今天

**New and Updated Articles:**最新內容及最近更新文章

## NEW AND UPDATED ARTICLES

[VIEW MORE](#)

July 12, 2016:

- occupational injury **NEW**
- methylation **NEW**
- George William Evans
- Newt Gingrich
- Lin-Manuel Miranda
- Andy Murray
- Cristiano Ronaldo

July 11, 2016:

- Colin Johnson
- subarachnoid hemorrhage **NEW**

## RECOMMENDED PRIMARY SOURCES

Find letters, speeches, and other primary source material.

- Christopher Columbus's Letter to the King and Queen of Spain
- Code of Hammurabi
- Declaration of the Rights of Man
- Constitution of the United States
- Covenant of the League of Nations
- Charles Darwin's On the Origins of Species
- Truman Doctrine

**Recommended Primary Sources:**  
第一手資料推薦閱讀

**News from New York Times:**紐約時報新聞

## NEWS FROM NEW YORK TIMES

- Obama, Traveling to Dallas, Seeks to Console and Reassure
- Your Evening Briefing
- Dallas Police Chief, David O. Brown, Is Calm at Center of Crisis
- With Prosecutors at Odds, U.S. Inquiry Into Eric Garner's Death Drags On
- Protesters Rally Against Police Shootings

## BRITANNICA CONTRIBUTORS

Britannica's contributors include eminent scholars, experts, Nobel laureates, and world leaders, such as:



Bill Clinton  
Former President of the United States



Desmond Tutu  
South African Anglican Cleric

**Britannica Contributors:**  
大英線上內容貢獻者

**News from BBC News:** BBC新聞

## NEWS FROM BBC NEWS

- David Cameron to chair final cabinet as UK prime minister




Brian R.



Judith L.

# 檢索介面



The screenshot shows a search interface with the following sections:

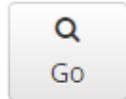
- Search Input:** A text box containing the word "genetics".
- Recommended articles:** A list of suggested search terms: "genetics" and "genetics, human (biology)".
- Images:** A grid of three image thumbnails: a pig, a genetic diagram, and a family.
- Videos:** A grid of two video thumbnails.

輸入關鍵字，  
網站自動列出您可能  
想要檢索的字詞

進階檢索，設定檢索條件

包括全部的字詞  
包括完整精確片語  
包括其中任一字詞  
不包括指定字詞  
包括鄰近字詞

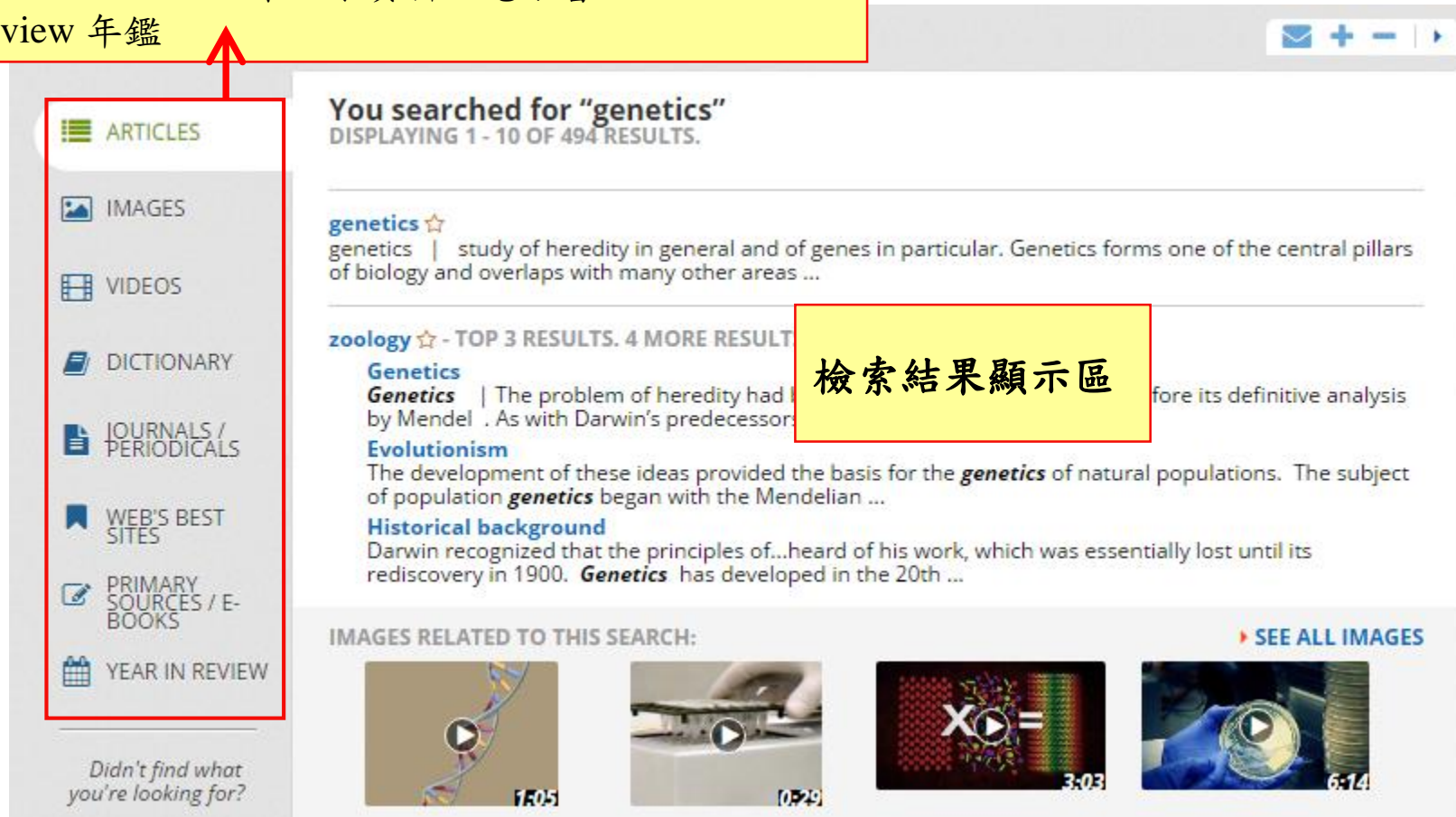
with **all** the words  
with the **exact phrase**  
with **any** of these words  
**without** these words  
with these words **near** each other

# 檢索結果頁面

## 大英線上資源檢索結果：

- Articles 百科文章
- Images 圖片/照片
- Videos 影音
- Journals/Periodicals 期刊雜誌
- Web's Best Sites 最佳網站指南
- Primary Sources/E-Books 第一手資料及電子書
- Year in Review 年鑑



You searched for "genetics"  
DISPLAYING 1 - 10 OF 494 RESULTS.

**genetics** ☆  
genetics | study of heredity in general and of genes in particular. Genetics forms one of the central pillars of biology and overlaps with many other areas ...

**zoology** ☆ - TOP 3 RESULTS. 4 MORE RESULTS

**Genetics**  
**Genetics** | The problem of heredity had been discussed by Mendel . As with Darwin's predecessors, Mendel's work was not recognized for its definitive analysis until the 1930s.

**Evolutionism**  
The development of these ideas provided the basis for the **genetics** of natural populations. The subject of population **genetics** began with the Mendelian ...

**Historical background**  
Darwin recognized that the principles of...heard of his work, which was essentially lost until its rediscovery in 1900. **Genetics** has developed in the 20th ...

IMAGES RELATED TO THIS SEARCH:

SEE ALL IMAGES

Didn't find what you're looking for?

# 文章瀏覽頁面



The screenshot shows the Britannica article page for 'Genetics'. The page has a dark blue header with the Britannica logo and 'ACA' on the left, and 'Help' and 'My Research Login' on the right. Below the header is a navigation bar with tabs for 'Article', 'Images & Videos', 'Related', and 'Article History'. A yellow box with a red border points to these tabs, containing the following text:

- Article 百科文章
- Images & Videos 圖片影音
- Related 相關內容
- Article History 文章編修歷史

Below the navigation bar is a toolbar with icons for star, print, email, share, and zoom. A yellow box with a red border points to these icons, containing the following text:

功能列：  
-我的最愛  
-列印  
-電郵轉寄  
-引用  
-翻譯  
-字體放大縮小

The main content area features a 'Genetics' title, an 'Introduction' section with a video player (1:05), and a list of related resources. A yellow box with a red border points to the 'RELATED RESOURCES FOR THIS ARTICLE' section, containing the following text:

其他相關資源

Another yellow box with a red border points to the table of contents on the left side of the page, containing the following text:

文章目錄

The page content includes the following text:

**Introduction**

Genetics, study of heredity in general and the study of the genes that control hereditary characteristics. Genetics forms one of the central pillars of modern biology, along with many other areas such as agriculture, medicine, and psychology.

Since the dawn of civilization, humankind has been influenced by heredity and has applied its knowledge to the improvement of cultivated crops and domesticated animals. A clay tablet more than 6,000 years old, for example, shows the breeding of horses and indicates possible inherited characteristics. Archaeological excavations show cross-pollination of date palms and the mechanisms of heredity, however, remained unknown until the 19th century, when genetics as a systematic science was established.

Genetics arose out of the identification of genes, the fundamental units responsible for heredity. Genetics may be defined as the study of genes at all levels, including the ways in which they act in the cell and the ways in which they are transmitted from parents to offspring. Modern genetics focuses on the chemical substance that genes are made of, called deoxyribonucleic acid, or DNA, and the ways in which it affects the chemical reactions that constitute the living processes.

# 文章頁面翻譯

點選地球小圖示，即浮現全文翻譯視窗

選擇欲翻譯的目標語言(例如:繁體中文)，即將您所在的百科文章譯為目標語言。點選網頁右上角的叉叉，即可回復原文。

Global warming, the phenomenon of increasing temperatures near the surface of Earth over centuries. Climate scientists have since the detailed observations of various weather patterns (such as ocean currents and the atmosphere composition). These data indicate that Earth over almost every conceivable timescale since the beginning of the Industrial Revolution is the very fabric of climate change.

Choose a language from the menu above to view a computer-translated version of this page. Please note: Text within images is not translated, some features may not work properly after translation, and the translation may not accurately convey the intended meaning. Britannica does not review the converted text.

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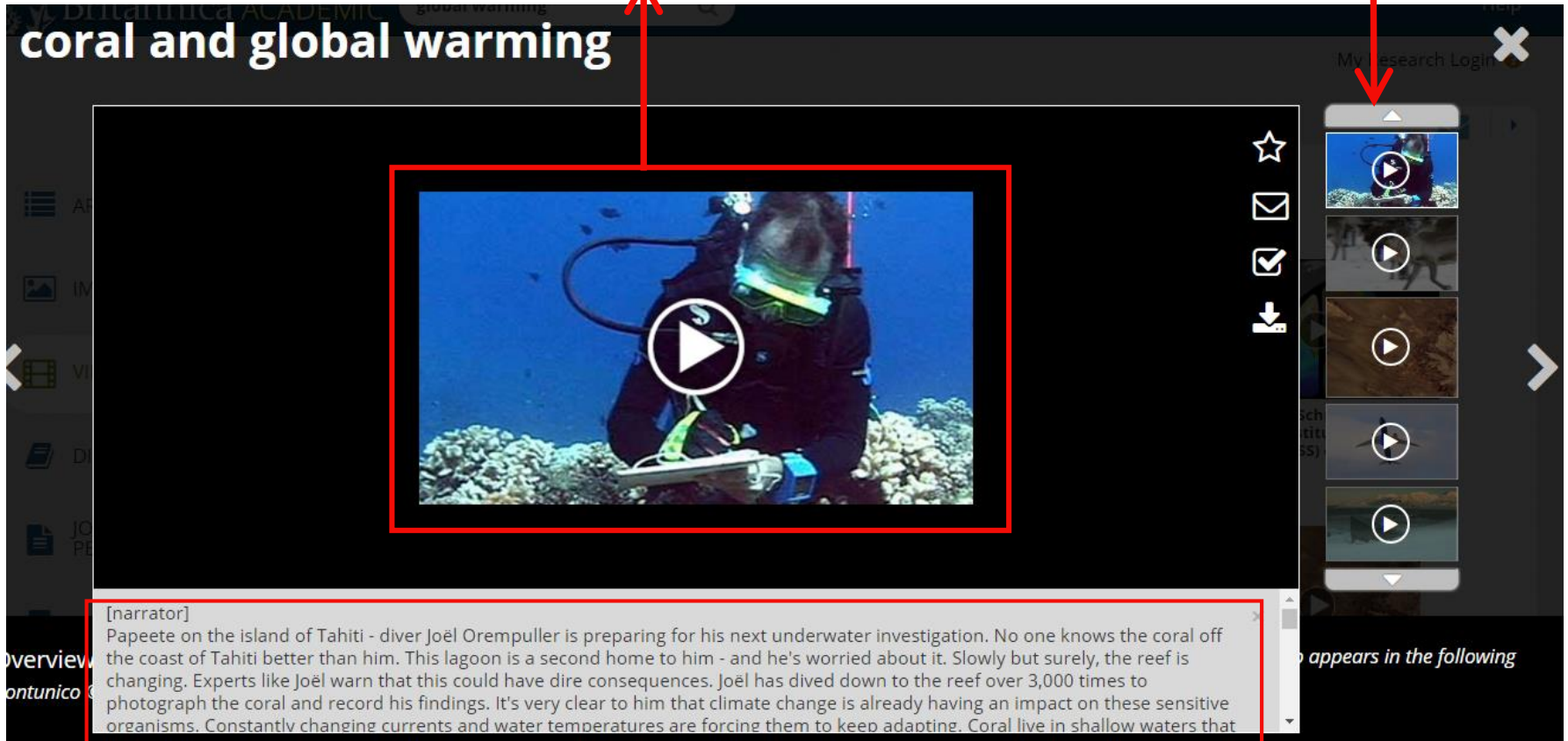
全球變暖，增加平均空氣的現象的溫度的表面。氣候科學家們自20世紀中葉聚集的各種詳細降水和暴風雨)和相關影響氣候(如洋流和大表明，地球的氣候，因為地質時間的開始和的以想像的時間表人，因為至少有開始活動的料非常的氣候變化。

讓聲音越來越定罪的最科學界的氣候變化政府象組織(WMO)和成立於1988年聯合國環境IPCC的報告說，1880至2012年間的時間間隔全球平均地表溫度上升。當相對於工業化前(即增加是更接近1.1°C(2.0°F)。警監會指出，大部分在20世紀後中期觀察到的變暖可能歸因於人類活動。據預測，到21世紀末全球平均地表溫度將0.3

# 多媒體資源

影音播放區，可全螢幕放大

其它影音檢索結果



The screenshot shows a video player interface. The main video area displays a diver underwater, with a red box highlighting the video frame. Below the video, there is a subtitle area with a red box around the text. To the right of the video, there is a vertical list of search results, with a red box highlighting the top result. The video title 'coral and global warming' is visible at the top left of the player. The subtitle text reads: [narrator] Papeete on the island of Tahiti - diver Joël Orempuller is preparing for his next underwater investigation. No one knows the coral off the coast of Tahiti better than him. This lagoon is a second home to him - and he's worried about it. Slowly but surely, the reef is changing. Experts like Joël warn that this could have dire consequences. Joël has dived down to the reef over 3,000 times to photograph the coral and record his findings. It's very clear to him that climate change is already having an impact on these sensitive organisms. Constantly changing currents and water temperatures are forcing them to keep adapting. Coral live in shallow waters that

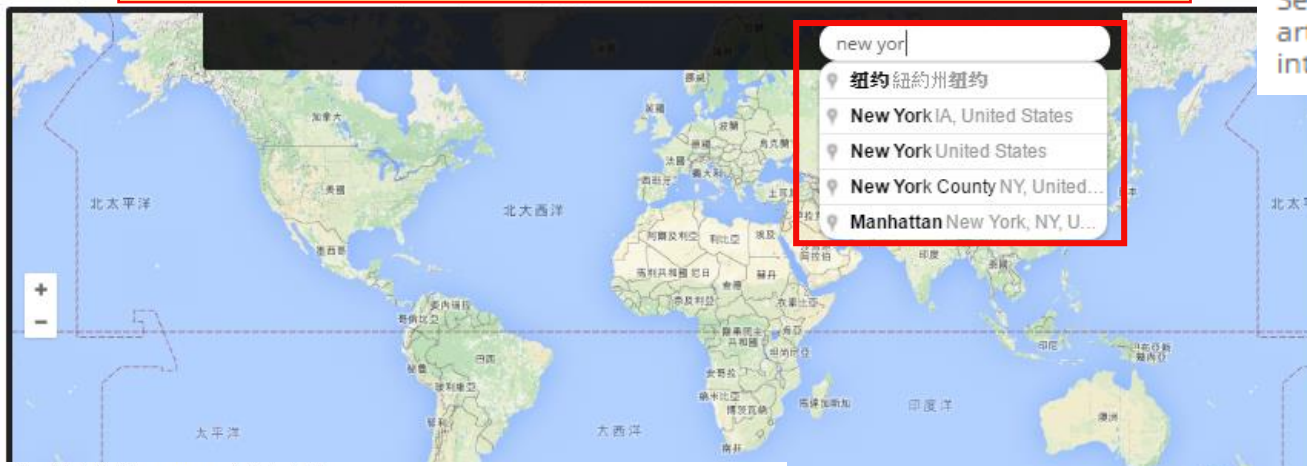
旁白內容，可輔助英語聽力學習

# World Atlas世界地圖

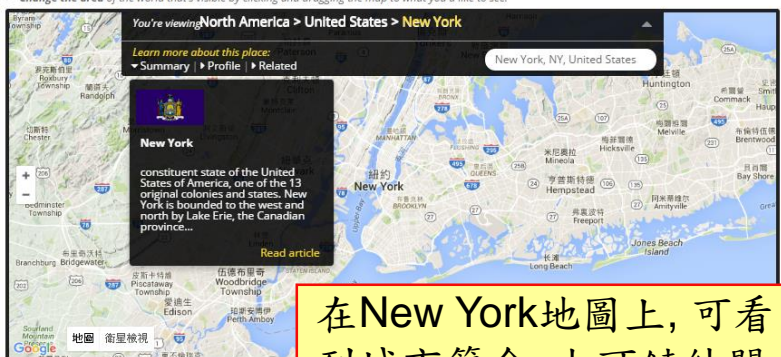
以英文或中文輸入國家或城市名稱,例如:New York



Search thousands of maps, flags, articles and statistics in this interactive World Atlas.



• Zoom in by double-clicking on an area or using the + and - buttons.  
• Change the area of the world that's visible by clicking and dragging the map to what you'd like to see.



在New York地圖上,可看到城市簡介,也可鏈結閱讀全文



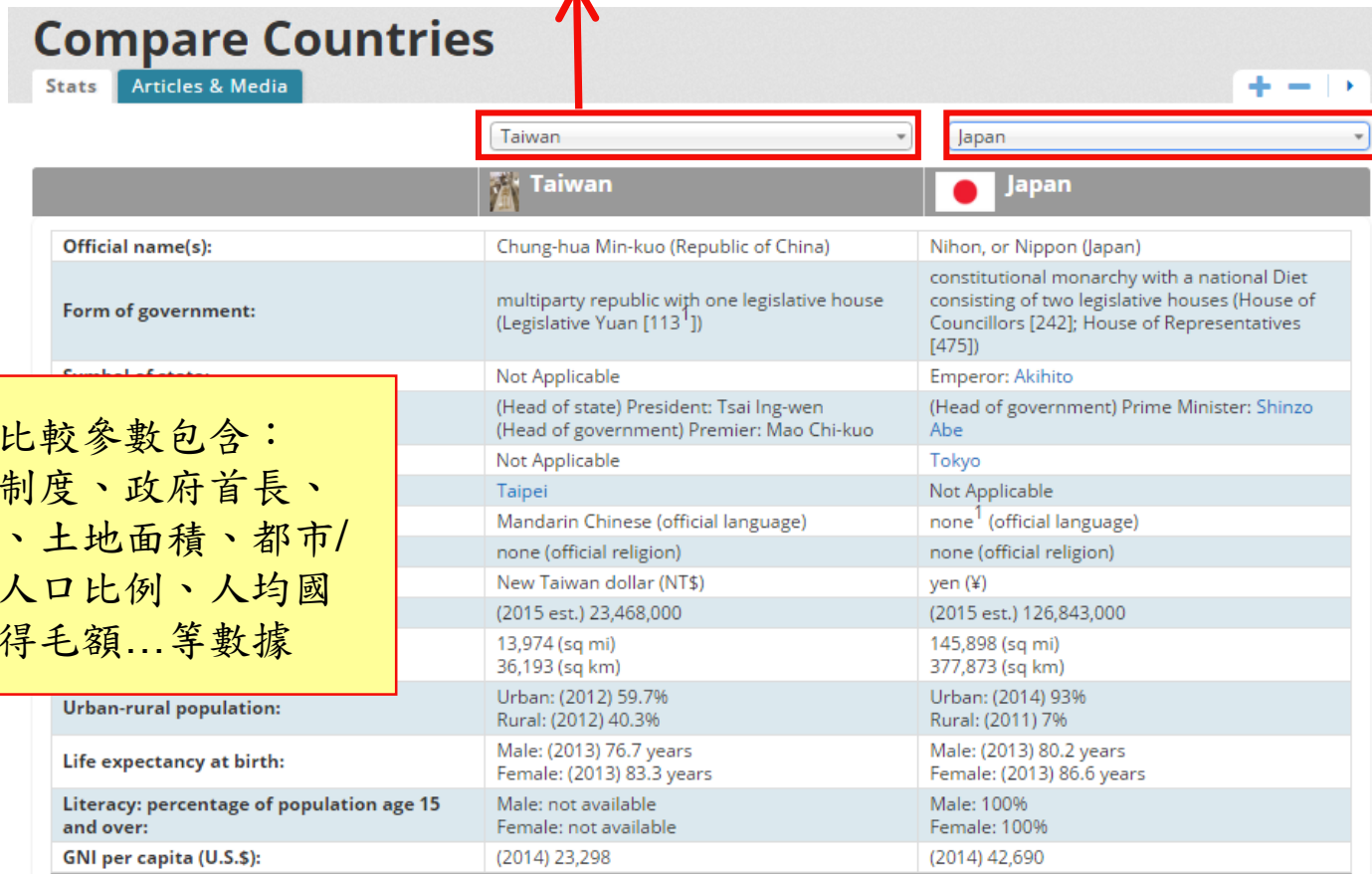
與New York相關的百科文章

# Compare Countries 國家比較

在這裡任選兩個國家，  
進行比較

## Compare Countries

A unique geography tool that gives you quick facts and statistics on any two countries side-by-side.



The screenshot shows the 'Compare Countries' website interface. At the top, there are tabs for 'Stats' and 'Articles & Media'. Below the tabs, there are two dropdown menus for selecting countries, with 'Taiwan' and 'Japan' selected. A red arrow points from the text box above to the 'Taiwan' dropdown. Below the dropdowns, there are two columns of information for Taiwan and Japan, each with a small icon and the country name. The main content is a table comparing various statistics for both countries.

	Taiwan	Japan
<b>Official name(s):</b>	Chung-hua Min-kuo (Republic of China)	Nihon, or Nippon (Japan)
<b>Form of government:</b>	multiparty republic with one legislative house (Legislative Yuan [113 <sup>1</sup> ])	constitutional monarchy with a national Diet consisting of two legislative houses (House of Councillors [242]; House of Representatives [475])
<b>Capital city:</b>	Not Applicable	Emperor: Akihito
<b>Head of state:</b>	(Head of state) President: Tsai Ing-wen	(Head of government) Prime Minister: Shinzo Abe
<b>Head of government:</b>	(Head of government) Premier: Mao Chi-kuo	
<b>Official language:</b>	Not Applicable	Tokyo
<b>Major city:</b>	Taipei	Not Applicable
<b>Official language:</b>	Mandarin Chinese (official language)	none <sup>1</sup> (official language)
<b>Official religion:</b>	none (official religion)	none (official religion)
<b>Currency:</b>	New Taiwan dollar (NT\$)	yen (¥)
<b>GDP (2015 est.):</b>	23,468,000	(2015 est.) 126,843,000
<b>Area (2015 est.):</b>	13,974 (sq mi) 36,193 (sq km)	145,898 (sq mi) 377,873 (sq km)
<b>Urban-rural population:</b>	Urban: (2012) 59.7% Rural: (2012) 40.3%	Urban: (2014) 93% Rural: (2011) 7%
<b>Life expectancy at birth:</b>	Male: (2013) 76.7 years Female: (2013) 83.3 years	Male: (2013) 80.2 years Female: (2013) 86.6 years
<b>Literacy: percentage of population age 15 and over:</b>	Male: not available Female: not available	Male: 100% Female: 100%
<b>GNI per capita (U.S.\$):</b>	(2014) 23,298	(2014) 42,690

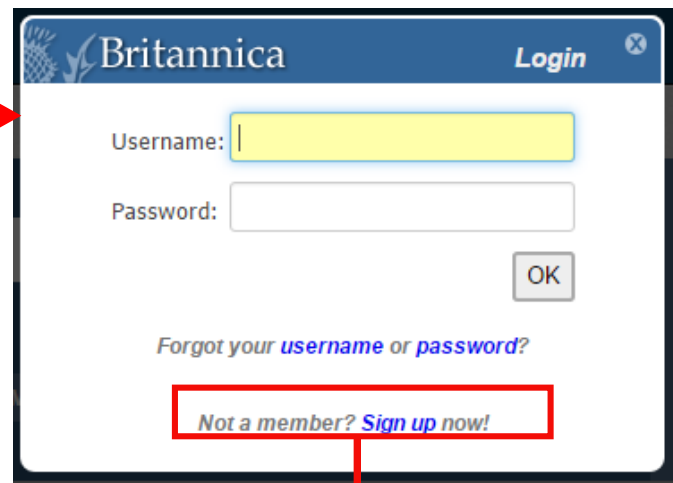
國家比較參數包含：  
政府制度、政府首長、  
人口、土地面積、都市/  
鄉村人口比例、人均國  
民所得毛額...等數據



# My Research 個人研究工作區

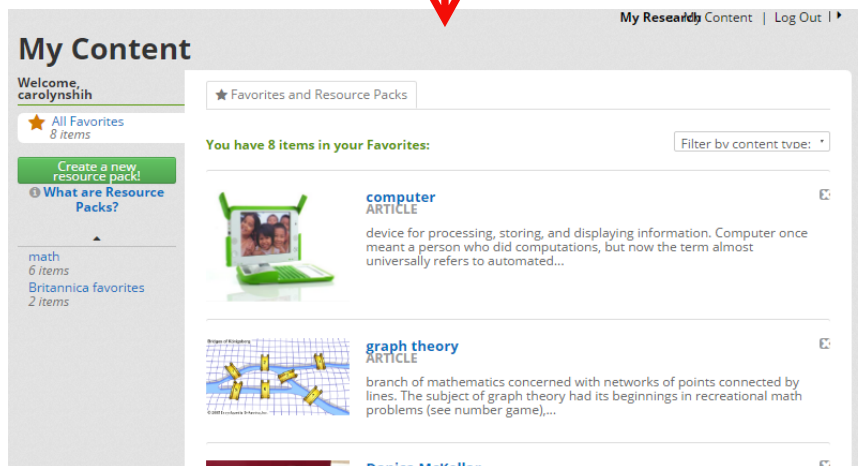


網站右上角, 點選”My Research Login”



點選”Sign up”輸入自訂的帳號密碼以及電郵信箱, 按OK, 即可擁有My Research功能

登入個人研究工作區(My Research), 即可收藏管理自己有興趣的百科文章, 建立終身學習與閱讀紀錄。老師還可線上編輯教學輔助內容(My Content/Resource Packs), 課堂運用更容易!



謝謝您的聆聽！

若有相關疑問，歡迎來信或來電諮詢

尚儀數位學習有限公司

(02)5571-3636

[service@sunnystudy.com.tw](mailto:service@sunnystudy.com.tw)

*know for sure*