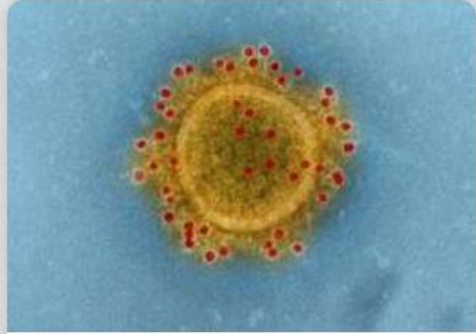


# LaunchPacks Science and LaunchPacks Humanities and Social Sciences



## Viruses

*This Pack contains:*

- 6 Articles
- 3 Images
- 1 Video
- 1 Learning Resource

YEARS 6-8



## Animal Features

*This Pack contains:*

- 3 Articles
- 7 Images
- 2 Videos
- 1 Learning Resource

YEARS 3-5



## Floods

*This Pack contains:*

- 1 Article
- 4 Images

FOUNDATION - YEAR 2



## Women Astronauts

*This Pack contains:*

- 4 Articles
- 3 Images
- 1 Learning Resource

YEARS 3-5



## The Treatment and Prevention of Disease

*This Pack contains:*

- 3 Articles
- 4 Images
- 1 Video
- 1 Learning Resource

YEARS 3-5

# What is a LaunchPack?

- ✓ Ready to serve resource – “Launches Learners into a Topic.”
- ✓ Available in Science AND Humanities and Social Sciences
- ✓ Available from P1 to Form 6 (primary to secondary school)
- ✓ A comprehensive online resource that has been expertly compiled.
- ✓ Customisable and adaptable to suit students needs.

The screenshot shows the 'SCIENCE' section of the Britannica LaunchPacks website. The header includes the Britannica logo, 'LAUNCHPACKS™', and navigation links for Home, Search, Notifications, Help, and a user profile for Hannah. A 'Switch to LaunchPacks: Humanities and Social Sciences' button is visible. Below the header are filters for 'Filter year levels' and 'Filter by category...'. The main content area displays four LaunchPacks:

- Nuclear Physics**: This Pack contains: 6 Articles, 5 Images. YEARS 9-12.
- Extinct Birds**: This Pack contains: 4 Articles, 5 Images, 1 Video. YEARS 6-8.
- Copperhead**: This Pack contains: 3 Articles, 3 Images. YEARS 3-5.
- Hot Springs**: This Pack contains: 1 Article, 3 Images, 1 Video. FOUNDATION - YEAR 2.

A 'Learn More' button is located at the bottom left of the Science interface.

The screenshot shows the 'HUMANITIES AND SOCIAL SCIENCES' section of the Britannica LaunchPacks website. The header includes the Britannica logo, 'LAUNCHPACKS™', and navigation links for Home, Search, Notifications, Help, and a user profile for Hannah. A 'Switch to LaunchPacks: Science' button is visible. Below the header are filters for 'Filter year levels' and 'Filter by category...'. The main content area displays five LaunchPacks:

- Industrial Revolution - Images Only**: This Pack contains: 14 Images, 3 Videos. YEARS 9-12.
- Fidel Castro**: This Pack contains: 6 Articles, 1 Video. YEARS 6-8.
- Hernán Cortés**: This Pack contains: 4 Articles, 2 Images, 1 Primary Source. YEARS 3-5.
- Technology**: This Pack contains: 1 Article, 5 Images. FOUNDATION - YEAR 2.

A 'Learn More' button is located at the bottom left of the Humanities and Social Sciences interface.

# LaunchPacks

- ✓ Support Self-Directed Learning
- ✓ Support Flipped Classroom
- ✓ Support Remote Learning
- ✓ Support Project Based Learning
- ✓ Saves teachers' time
- ✓ Promotes reading culture



## Human Rights: Civil Rights

*This Pack contains:*

- ☰ 8 Articles
- 🖼️ 4 Images
- ☰ 3 Videos
- 📄 2 Primary Sources
- ➕ 1 Learning Resource

YEARS 6-8



## The Middle Ages: Civilizations of Europe

*This Pack contains:*

- ☰ 4 Articles
- 🖼️ 1 Image
- ☰ 1 Video
- 📄 1 Primary Source
- 📄 1 Primary Source
- ↻ 1 Interactive

YEARS 6-8

# Three different reading levels

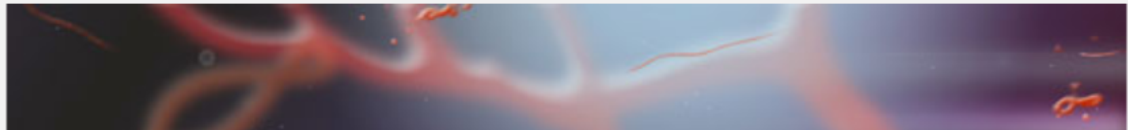
Article Annotations (0) Activities Reading Level 1 2 3

## virus

**Alternate titles:** Virales

### Introduction

virus, infectious agent of small size and simple composition that can multiply only in living cells of animals, plants, or bacteria. The name is from a Latin word meaning “slimy liquid” or “poison.”



Page Tools

— + 🖨️ ☑️ 🌐 ✂️

**Britannica Article Note:**

# Translate function – up to 100 languages

文章 批註 ( 0 ) 活動項目

閱讀水平 1 2 3

## 病毒

備用標題：病毒

### 介紹



病毒，體積小，組成簡單的感染因子，只能在動物，植物或細菌的活細胞中繁殖。該名稱來自拉丁語，意思是“粘液”或“毒藥”。

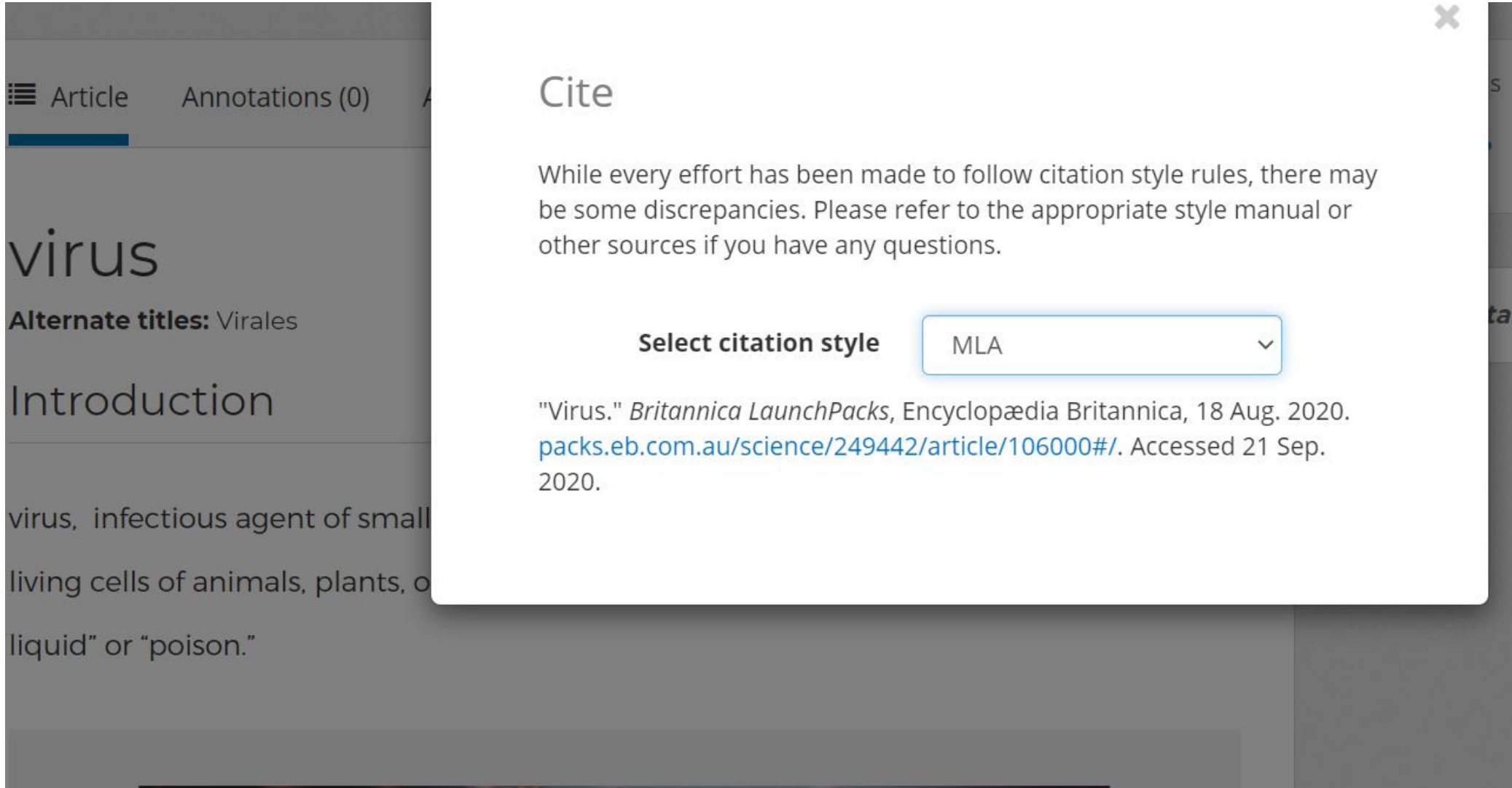


頁面工具



大不列顛條款註釋：

# Four (4) correct formatted citations



The image shows a 'Cite' dialog box from Encyclopædia Britannica. The dialog box is white with a grey border and a close button (X) in the top right corner. It is overlaid on a dark grey background that shows a portion of a webpage article. The article title is 'virus' and it includes sections for 'Alternate titles: Virales' and 'Introduction'. The introduction text is partially visible: 'virus, infectious agent of small living cells of animals, plants, or liquid" or "poison."'.

**Cite**

While every effort has been made to follow citation style rules, there may be some discrepancies. Please refer to the appropriate style manual or other sources if you have any questions.

Select citation style

"Virus." *Britannica LaunchPacks*, Encyclopædia Britannica, 18 Aug. 2020. [packs.eb.com.au/science/249442/article/106000#/. Accessed 21 Sep. 2020.](https://packs.eb.com.au/science/249442/article/106000#/)

# Annotations – take notes/highlight

Article Annotations (0) Activities Reading Level 1 2 3

## virus

Alternate titles: Virale

### Introduction

virus, infectious age  
living cells of animal  
liquid" or "poison."  
that can multiply only in  
Latin word meaning "slimy"


Annotation Tools: All Categories (0) [Email] [Download]

**No Annotations**  
*Highlight some article text to get started*

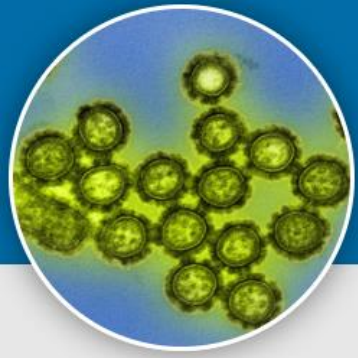
Comments...

- Comment
- Question
- Vocabulary
- Evidence
- Summary
- Connection

Cancel Save



# Compatible with Google Classroom, MS Teams



## Viruses

YEARS 9-12

LaunchPack

Customise

Activities

☆ Favourite

🖨️ Print

⋮ More

LaunchPack



Content Type

📅 Assign

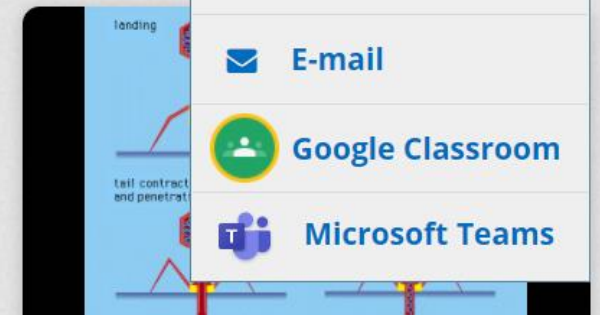
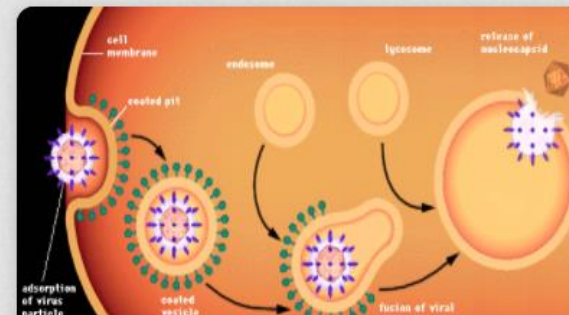
📄 Use Offline

📅 Schedule

✉️ E-mail

👤 Google Classroom

👥 Microsoft Teams





# Customise – enables users to add external content, Kahoot Quiz

**Viruses - HK EdCity eREAP**

YEARS 9-12

LaunchPack Customise Activities

Discard Changes Save Changes

Pack Contents Content Type: All

note:   
 Save Note

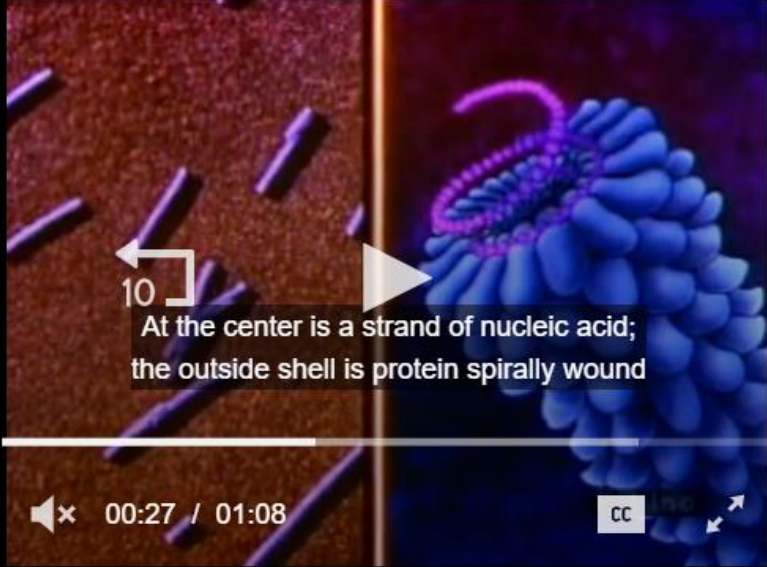
**ARTICLE**  
virus

**Add Custom Content**

- Upload a Document
- Add an External Link
- Choose a Graphic Organiser
- Kahoot!** Add a KAHOOT! Quiz

**VIDEO**  
Dissect the anatomy of   
 1:08

# Videos – less than 3mins, with subtitles and captions



At the center is a strand of nucleic acid;  
the outside shell is protein spirally wound

00:27 / 01:08

NARRATOR: Different viruses have different shapes. Some look roughly spherical under the electron microscope, but their exact geometry is an icosahedron, a figure with 20 triangular faces.

There are also rod-shaped viruses. The rod has two layers wrapped together. At the center is a strand of nucleic acid; the outside shell is protein spirally wound in a long helix.

# Images and Videos available

## virus: invasion of a cell

### How a virus invades a cell



1. A virus enters a cell.



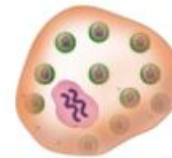
2. Substances in the cell begin to strip off the virus's outer coat of protein.



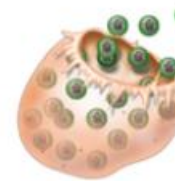
3. The nucleic acid in the center of the virus is released.



4. The nucleic acid gets into the cell's chemical manufacturing system.



5. The cell "ignores" its own chemical needs and switches to making new viruses.



6. The cell is sometimes destroyed in the process. Many of the new viruses are released to infect other cells.

© Encyclopædia Britannica, Inc.



# My LaunchPacks



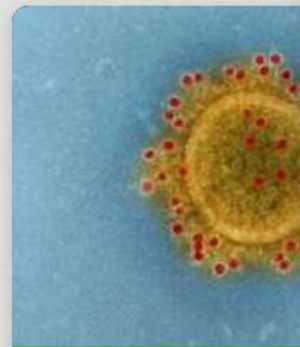
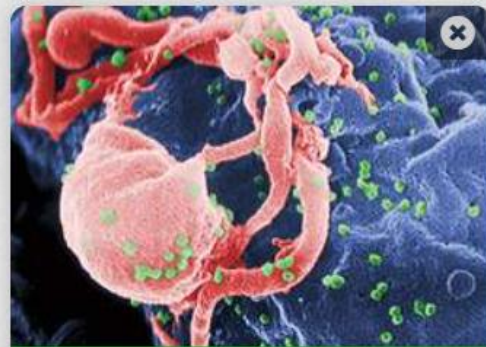
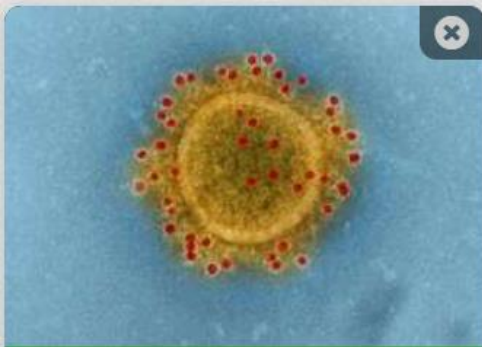
All

Favourites

Customised

Annotated

## Customised



**Miranda Lam**

The school that provides your LaunchPacks access.



**Miranda Lam**

Educator

[My LaunchPacks](#)

[Activities](#)

[Classes](#)

[Schedule](#)

[Account Settings](#)

[Sign out of my personal account](#)