

VLS Special Presentation

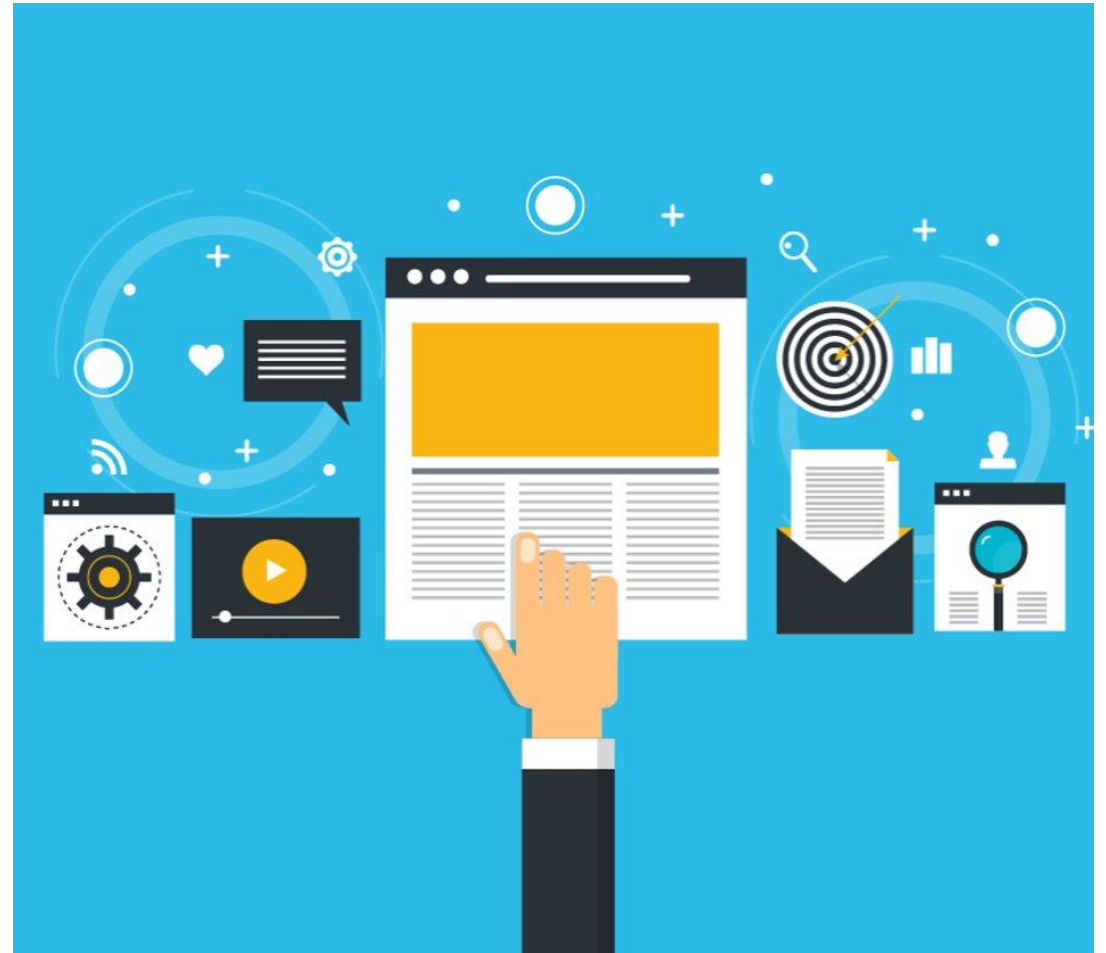
Introduction to H5P

May 20, 2021

<https://uoft.me/vls-support>

Tutorial Topics

- H5P Studio
- Creating interactivity with H5P content
- Pressbooks H5P Plugin
- Resources



H5P Interactive Content

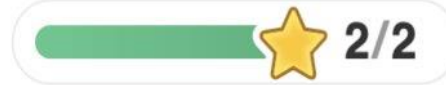
- 40+ content types
- Free & Open Source
- Adaptable & reusable
- Licensing and metadata
- Easy sharing
- Responsive

Vanilla ice cream is said to have the following tasting notes (select all that are correct)

✓ Spicy +1

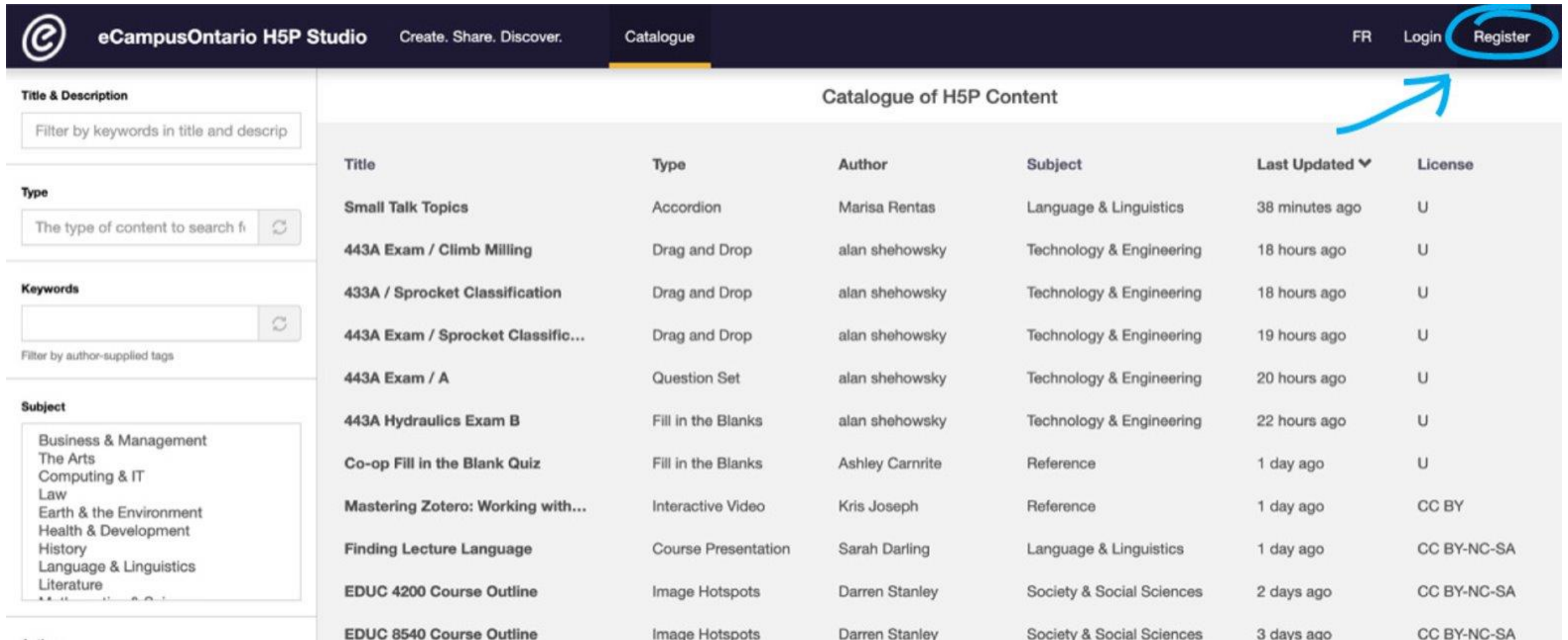
✓ Floral +1

Smokey



[Reuse](#) [Embed](#)

Get Started with H5P Studio



eCampusOntario H5P Studio Create. Share. Discover. Catalogue FR Login Register

Title & Description
Filter by keywords in title and descrip

Type
The type of content to search for

Keywords
Filter by author-supplied tags

Subject
Business & Management
The Arts
Computing & IT
Law
Earth & the Environment
Health & Development
History
Language & Linguistics
Literature

Catalogue of H5P Content

Title	Type	Author	Subject	Last Updated	License
Small Talk Topics	Accordion	Marisa Rentas	Language & Linguistics	38 minutes ago	U
443A Exam / Climb Milling	Drag and Drop	alan shehowsky	Technology & Engineering	18 hours ago	U
433A / Sprocket Classification	Drag and Drop	alan shehowsky	Technology & Engineering	18 hours ago	U
443A Exam / Sprocket Classific...	Drag and Drop	alan shehowsky	Technology & Engineering	19 hours ago	U
443A Exam / A	Question Set	alan shehowsky	Technology & Engineering	20 hours ago	U
443A Hydraulics Exam B	Fill in the Blanks	alan shehowsky	Technology & Engineering	22 hours ago	U
Co-op Fill in the Blank Quiz	Fill in the Blanks	Ashley Carnrite	Reference	1 day ago	U
Mastering Zotero: Working with...	Interactive Video	Kris Joseph	Reference	1 day ago	CC BY
Finding Lecture Language	Course Presentation	Sarah Darling	Language & Linguistics	1 day ago	CC BY-NC-SA
EDUC 4200 Course Outline	Image Hotspots	Darren Stanley	Society & Social Sciences	2 days ago	CC BY-NC-SA
EDUC 8540 Course Outline	Image Hotspots	Darren Stanley	Society & Social Sciences	3 days ago	CC BY-NC-SA

<https://h5pstudio.ecampusontario.ca/>

Explore the H5P Studio

eCampusOntario H5P Studio Create. Share. Discover. **Catalogue** FR Login Register

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Search by author name...

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EDUC 8540 Course Outline	Image Hotspots	Darren Stanley	Society & Social Sciences	3 days ago	CC BY-NC-SA
Doffing PPE	Image Sequencing	Helene St-Pierre	Medicine & Nursing	3 days ago	U
Donning PPE	Image Sequencing	Helene St-Pierre	Medicine & Nursing	3 days ago	U
EDUC 8100 Course Outline	Image Hotspots	Darren Stanley	Mathematics & Science	3 days ago	CC BY-NC-SA

Create H5P Content

The screenshot displays the eCampusOntario H5P Studio interface. At the top, the navigation bar includes the eCampusOntario logo, the text "eCampusOntario H5P Studio", and links for "Create. Share. Discover.", "Catalogue", and "Dashboard". The "Create" button is circled in blue with an arrow pointing to it. Below the navigation bar, the main content area is titled "Label the Human Heart". It features a 3D anatomical diagram of a human heart with several labels: "Right atrium", "Right ventricle", "Septum", "Superior v.c.", and "Tricuspid valve". A "Reuse Content" modal is open, showing options to "Download as an .h5p file" and "Copy content". The "Copy content" option is circled in blue with an arrow pointing to it. Below the heart diagram, there are two buttons: "Check" (circled in blue with an arrow pointing to it) and "Reuse" (circled in blue with an arrow pointing to it). The right-hand sidebar contains metadata for the H5P content, including "H5P TITLE: Label the Heart", "H5P ID: 191", "LAST UPDATE: 5 months ago", "CREATED: 04 Mar 2020", and the user name "Sarah Wendorf".

Create H5P Content

The screenshot displays the eCampusOntario H5P Studio interface. The top navigation bar includes the eCampusOntario logo, the text "eCampusOntario H5P Studio", and links for "Create. Share. Discover.", "Catalogue", and "Dashboard". On the right side of the navigation bar, there are links for "FR", "Create", and "My Account".

Below the navigation bar, there are two tabs: "Documentation" and "Tour". To the right of these tabs are "Save" and "Cancel" buttons.

The main content area is divided into two columns. The left column contains a "Description" section with a "Descriptive Title*" field (placeholder: "A descriptive title to make it easier to find") and a "Subject*" field with a list of subjects: "Business & Management", "Computing & IT", "Earth & the Environment", and "Health & Development". Below the subject list is a "Language" dropdown menu set to "English" and a "Description" field with a rich text editor toolbar.

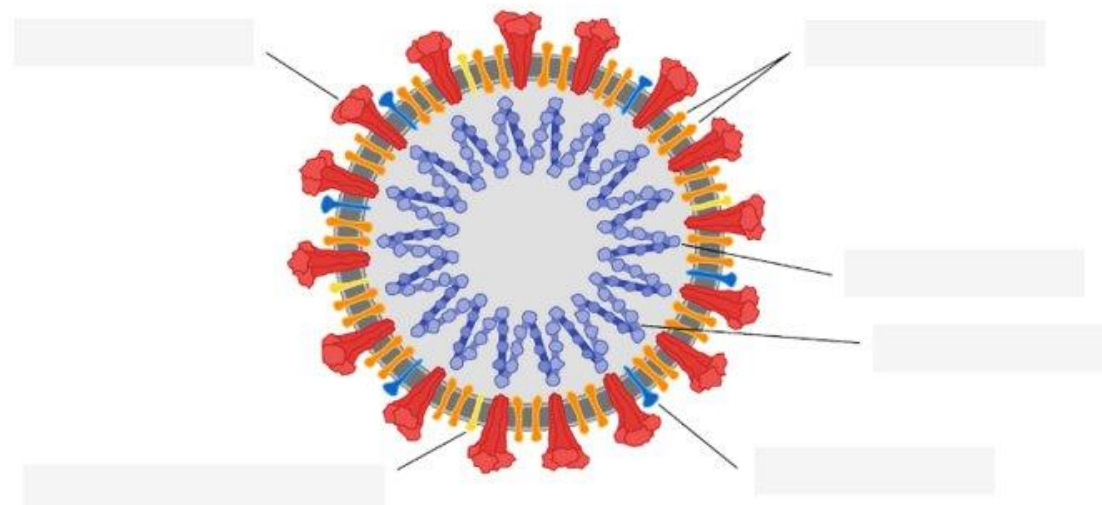
The right column is the "H5P Editor" section. It features a "Content type" dropdown menu with a "Paste" button next to it. Below the dropdown is a search bar labeled "Search for Content Types". The search results are titled "All Content Types (43 results)" and include a "Show:" dropdown menu with options "Recently Used First", "Newest First", and "A to Z". The results list includes "Drag and Drop" and "appear.in for Chat and Talk", each with a "Details" button.

Blue annotations highlight the "Tour" tab, the "Descriptive Title*" field, the "Subject*" field, the "Paste" button, and the "Recently Used First" option in the "Show:" dropdown.

Create H5P Content

Label the Coronavirus Structure Elements

Label the Coronavirus



Envelope small membrane protein

Genomic RNA

Hemagglutinin-esterase

Membrane protein

Nucleoprotein

Spike glycoprotein

Edit

H5P TITLE

Label the Coronavirus

CONTENT TYPE:

Drag and Drop

WORK IN PROGRESS?

Yes

SUBJECT

Reference

VIEWS TODAY

1

TOTAL VIEWS

9

ADMINISTRATIVE TITLE

Label the Coronavirus Structure Elements

H5P ID

5563

LAST UPDATE

4 weeks ago

CREATED

Adapted from: O'Neill Riley, P. (2020). SARS-CoV-2 [Image]. Encyclopædia Britannica. <https://www.britannica.com/science/coronavirus-virus-group#/media/1/138325/245650>

Create H5P Content

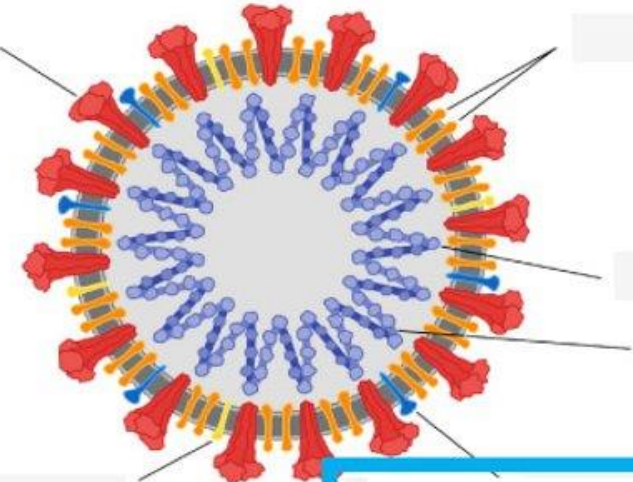
The screenshot displays the eCampusOntario H5P Studio interface. At the top, the navigation bar includes the eCampusOntario logo, the text "eCampusOntario H5P Studio", and links for "Create, Share, Discover.", "Catalogue", and "Dashboard". On the right side of the navigation bar are "Create" and "My Account" with a dropdown arrow. Below the navigation bar, there are "Documentation" and "Tour" buttons on the left, and "Save", "Cancel", and "Delete" buttons on the right.

The main content area is divided into two columns. The left column contains a "Description" section with a "Descriptive Title*" field (containing "Label the Coronavirus Structure Element"), a "Subject*" dropdown menu (with options: Literature, Mathematics & Science, Medicine & Nursing, Philosophy & Religion, Reference), a "Language" dropdown menu (set to "English"), and a "Description" text area with a rich text editor toolbar.

The right column is the "H5P Editor". It features a "Content type" dropdown menu currently set to "H5P Hub Drag and Drop". Below this menu, the "Tutorial" and "Example" options are circled in blue, with a blue arrow pointing to them from the right. To the right of the dropdown are "Copy" and "Paste & Replace" buttons. Below the dropdown is a "Drag and Drop" section with a refresh icon. The "Title*" field is set to "Label the Coronavirus" and includes a "Metadata" button. Below the title is a "Task" section with "Step 1 Settings" and "Step 2 Task" tabs. The "Task" field contains the text "Envelope small membrane protein" and has a trash icon to its right.

Create H5P Content

Label the Coronavirus



Envelope small membrane protein
Genomic RNA
Hemagglutinin-esterase
Spikes

H5P TITLE
Label the Coronavirus

CONTENT TYPE:
Drag and Drop

WORK IN PROGRESS?
Yes

Mem Reuse Content More Info

Download as an .h5p file
.h5p files may be uploaded to any web-site where H5P content may be created.

or

Copy content
Copied content may be pasted anywhere this content type is supported on this website.

Adapted from: O'Neill Riley, P. (2020). SARS-CoV-2 virus-group#/media/1/138325/245650

Reuse Rights of use Embed

Check

Check

Reuse Rights of use Embed

Save to my favourites

LAST UPDATE
4 weeks ago

CREATED
20 Jul 2020

Andrea Liede-Sevsek
OLS Virtual Lab Development
Assistant, University of Toronto

Using H5P in Pressbooks

PB My Books H5P Lab Component Examples Hello, Andrea Liede-Sevsek

Dashboard Organize Book Info Appearance Export Publish Plugins Media Users Tools Settings H5P Content Collapse menu

Screen Options

Plugins

All (4) | Active (1) | Inactive (3)

Bulk actions Apply

Search installed plugins... 4 items

<input type="checkbox"/>	Plugin	Description
<input type="checkbox"/>	H5P Deactivate Settings	Allows you to upload, create, share and use rich interactive content on your WordPress site. Version 1.15.0 By Joubel Visit plugin site
<input type="checkbox"/>	Parsedown Party Activate	Markdown editing for WordPress. Version 1.2.1 By KIZU514 Visit plugin site
<input type="checkbox"/>	TablePress Activate	Embed beautiful and feature-rich tables into your posts and pages, without having to write code. Version 1.12 By Tobias B�athge Visit plugin site
<input type="checkbox"/>	WP QuickLaTeX Activate	Access to complete LaTeX distribution. Publish formulae & graphics using native LaTeX syntax directly in the text. Inline formulas, displayed equations auto-numbering, labeling and referencing, AMS-LaTeX, TikZ, custom LaTeX preamble. No LaTeX installation required. Easily customizable using UI dialog. Actively developed and maintained. Visit QuickLaTeX homepage for more info. Version 3.8.6 By Pavel Holoborodko Visit plugin site
<input type="checkbox"/>	Plugin	Description

Bulk actions Apply 4 items

Using H5P in Pressbooks

The screenshot displays the Pressbooks interface for managing H5P content. The main area shows a table of existing content items. A red button labeled "Add new" is circled in blue, with an arrow pointing to a modal window titled "Add New". In this modal, the "Create Content" radio button is selected and circled in blue. An arrow from this button points to a second modal window titled "H5Phub Select content type", which also has the "Create Content" radio button selected and circled in blue. The "H5P Content" menu item in the left sidebar is also highlighted with a blue arrow.

Table: All H5P Content

Title	Content type	Author	Tags	Last modified	ID	Results	Edit
Label the Coronavirus	Drag and Drop	Andrea Liede-Sevsek	—	2020/07/27	4	Results	Edit
Coronavirus Replication Cycle	Image Hotspots	Andrea Liede-Sevsek	—	2020/07/27	3	Results	Edit
Which is better: Soap or hand sanitizer?	Interactive Video					Results	Edit
Effective Technology Use in Education	Course Presentation					Results	Edit

Modal: Add New

Select content type

Create Content Upload

Modal: H5Phub Select content type

All Content Types (46 results)

Show: **Recently Used First** Newest First A to Z

- Drag and Drop**
Create drag and drop tasks with images
- Image Hotspots**
Create an image with multiple info hotspots
- Interactive Video**
Create videos enriched with interactions
- Course Presentation**
Create a presentation with interactive slides

Using H5P in Pressbooks

PB My Books H5P Use in Pressbooks (examples) Hello, Andrea Liede-Sevsek

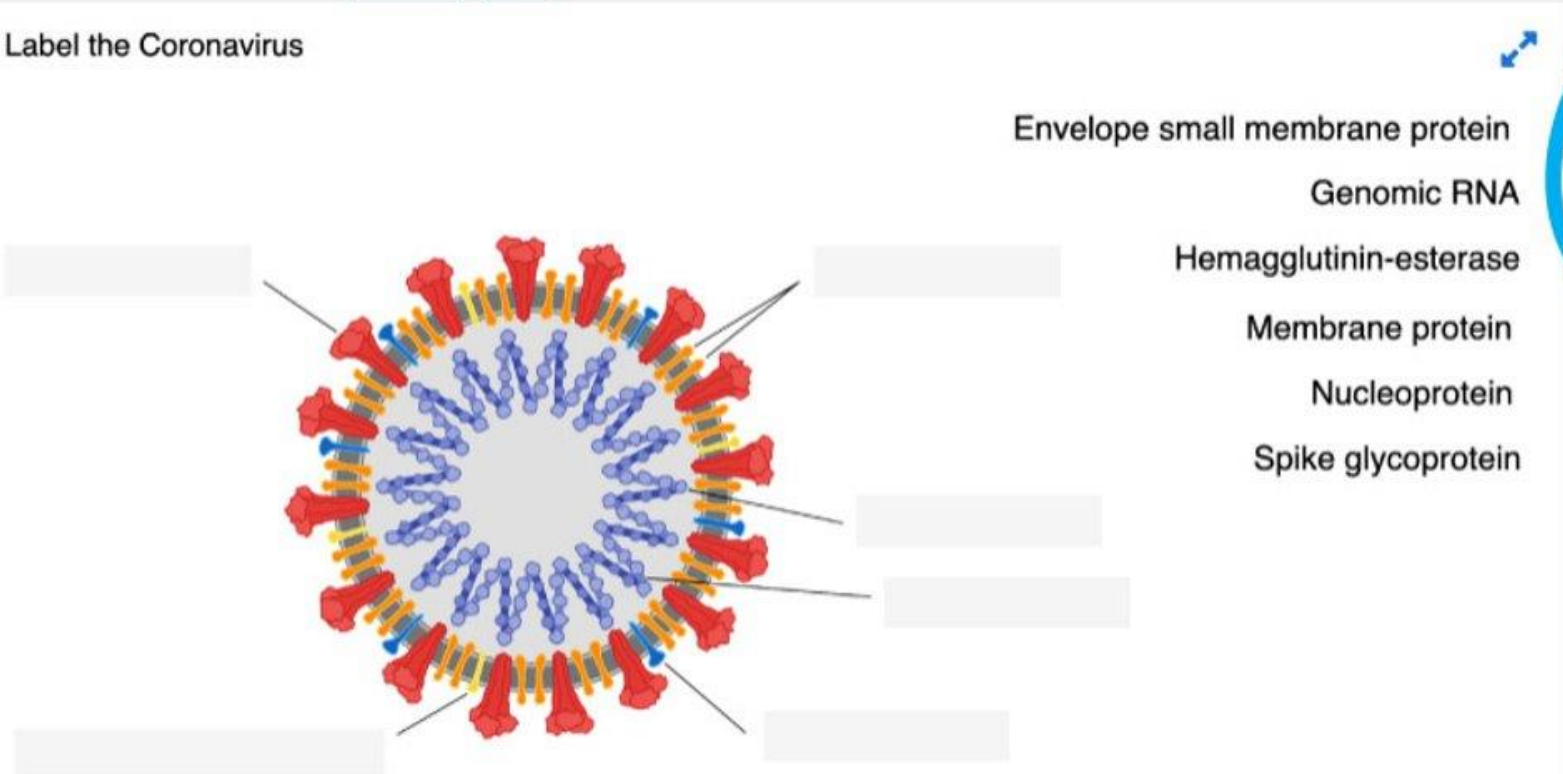
Dashboard
Organize
Book Info
Appearance
Export
Publish
Plugins
Media
Users
Tools
Settings

H5P Content
All H5P Content
Add New
Libraries
My Results
Collapse menu

Label the Coronavirus

Results Edit

Label the Coronavirus



Envelope small membrane protein
Genomic RNA
Hemagglutinin-esterase
Membrane protein
Nucleoprotein
Spike glycoprotein

Adapted from: O'Neill Riley, P. (2020). *SARS-CoV-2* [Image]. Encyclopædia Britannica. <https://www.britannica.com/science/coronavirus-virus-group#/media/1/138325/245650>

Shortcode

What's next?

You can use the following shortcode to insert this interactive content into posts, pages, widgets, templates etc.

```
[h5p id="4"]
```

Tags

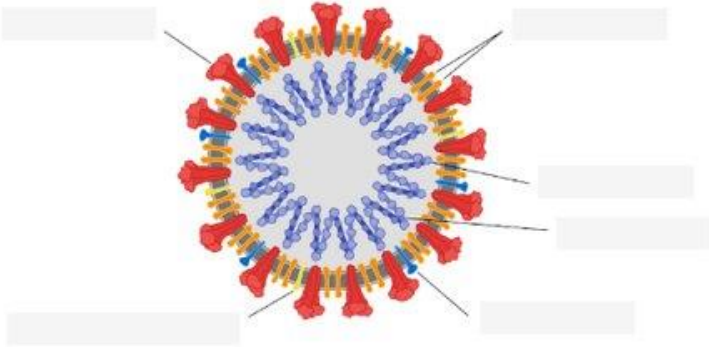
No tags

Using H5P in Pressbooks

Label the Coronavirus

Highlighting **Drag and Drop** H5P interactive content. Click and hold, then move and release, the labels to identify the different parts of the coronavirus.

Label the Coronavirus



Envelope small membrane protein
Genomic RNA
Hemagglutinin-esterase
Membrane protein
Nucleoprotein
Spike glycoprotein

Adapted from: O'Neill Riley, P. (2020). SARS-CoV-2 [Image]. Encyclopædia Britannica. <https://www.britannica.com/science/coronavirus-virus-group#/media/1/138325/245650>

Check

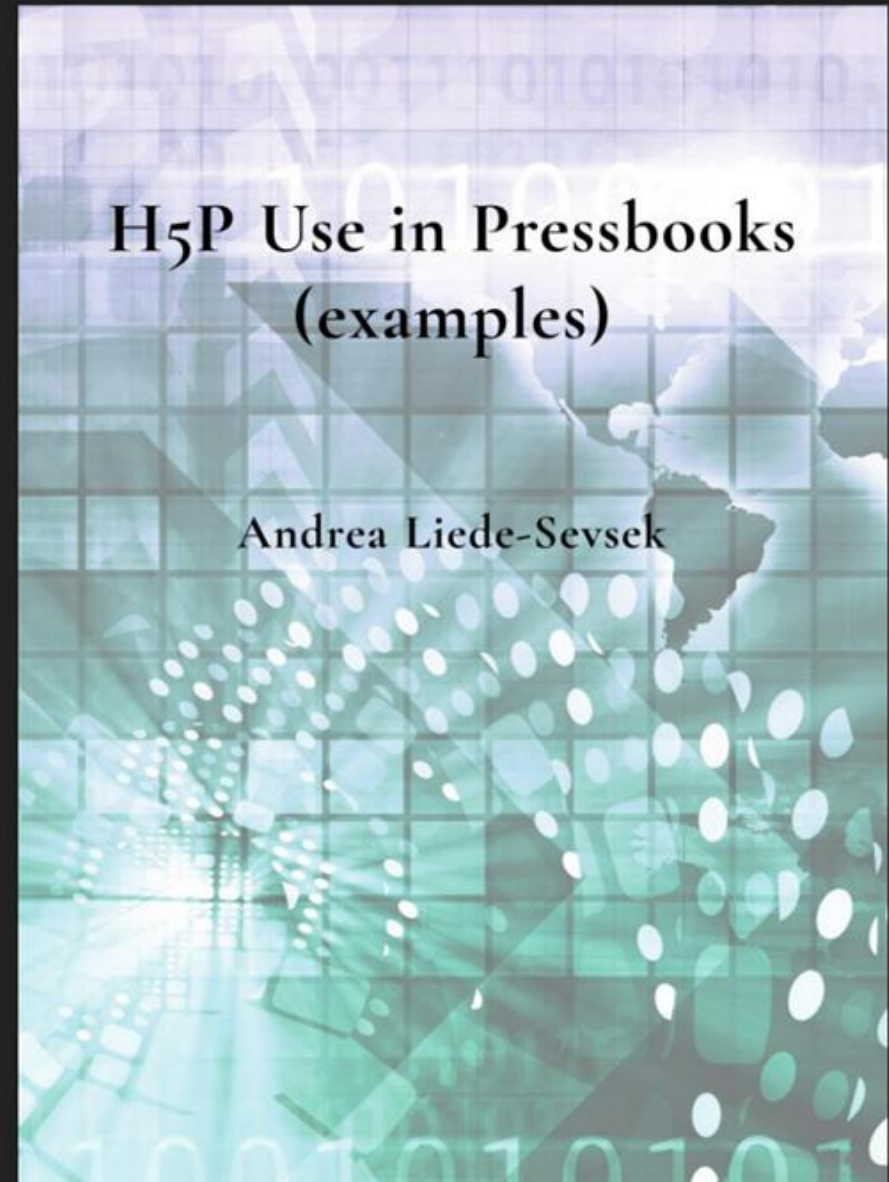
↑

H5P Use in Pressbooks (examples)

Andrea Liede-Sevsek

All Rights Reserved

READ BOOK



<https://ecampusontario.pressbooks.pub/labprototype/>

[← Managing Mental Health MOOC](#)

[Virtual Labs – Reviews and Previews →](#)

Interactive Content Creation with H5P

Posted on [August 19, 2020](#) by [Andrea Liede-Sevsek](#)

In this new age of remote teaching it is more important than ever to identify strategies to help students stay motivated through active learning. One way to keep students engaged and alert is to incorporate elements of interactivity into teaching materials as enhancements to recorded videos and slide presentations. This article highlights an effective digital authoring method that can be used to create interactive content for course materials and a unique learning experience for students.

Introducing H5P

H5P is the abbreviation for HTML5 Package, and is an open-source eLearning authoring tool that enables educators to create and edit interactive videos, presentations, games, and more. Once created, this interactive content may be linked to from a website or web resource, embedded into a Quercus course, and incorporated into Pressbooks (an online

Recent Posts

- [Coursera for Campus: More options for student learning](#)
- [Virtual Labs – Reviews and Previews](#)
- [Interactive Content Creation with H5P](#)
- [Managing Mental Health MOOC](#)
- [Online Learning at U of T – Ready to Reach Out](#)

Ideas

[Course Design](#)
[Resources](#)
[Events](#)
[Faculty Development](#)
[New Tools](#)
[Online Learning](#)
[Open Learning Projects](#)

Resources

- [eCampusOntario H5P Studio](#)
- [Label the Heart H5P Drag and Drop](#)
- [Label the Coronavirus H5P Drag and Drop](#)
- [H5P Examples in Pressbooks](#)
- [Interactive Content Creation with H5P Blog](#)

Ready. Set.
Create!

