

Creating interactive content with H5P

We'll begin shortly.





We acknowledge that UBC
Vancouver is situated on the
traditional, unceded territory of the
xwməθkwəy̓əm (Musqueam),
Skwxwú7mesh (Squamish), and
Səlílwətaʔ/Selilwítulh
(Tsleil- Waututh) Nations.

To learn more about First Nations and
Indigenous territories where you live, please
visit native-land.ca.



This session will help you:

- Understand why, where, when to use H5P
- Explore types of content available in H5P
- Draw inspiration from examples of education-related H5P projects
- Learn how to get started with H5P

What's on for today:

- Introduction to H5P
- Content types
- Examples to try
- Questions + resources



What is H5P?

- Abbreviation of HTML 5 Package
- H5P is a platform for creating standardized, shareable, self-contained digital interactives that work on desktop and mobile devices.
- Most content in Canvas is static & passive. H5P allows for more interactive content.

Q: Is it 'integrated' with Canvas?

Not at this time. Content can be easily embedded wherever you like....

BUT scores from 'quiz' activities will not push to the Grades section in Canvas. This may change in the future.



Why use H5P?

- Adds dynamic aspect to static learning materials
- Interactivity, Visualization, Gamification, Personalization
- 40+ content types to choose from; flexible depending on need
- Easily embed content into Canvas

- Examples of how to use each content type on h5p.org



Search h5p.org



[Examples & downloads](#)

[Documentation](#)

[Goals & roadmap](#)

[Forum](#)

[Log in](#)

[Create free account](#)

We will soon integrate an **OER Hub** in the H5P Authoring tool!

[Learn more](#)



Content Types



Content Types

View all

Games

Multimedia

Questions

Social media



Accordion

Create vertically stacked expandable items



Agamotto

Create a sequence of images that gradually



Arithmetic Quiz

Create time-based arithmetic quizzes



Audio Recorder

Create an audio recording



Chart

Quickly generate bar and pie charts



Collage

Create a collage of multiple images



Column

Column layout for HSP Content



Dialog Cards

Create text-based turning cards



Dictation

Create a dictation with instant feedback



Documentation Tool

Create a form wizard with text export

Content Types



Drag and Drop

Create drag and drop tasks with images



Drag the Words

Create text-based drag and drop tasks



Essay

Create essay with instant feedback



Fill in the Blanks

Create a task with missing words in a text



Find Multiple Hots...

Create many hotspots for users to find



Find the Hotspot

Create image hotspot for users to find



Find the words

Grid word search game



Flashcards

Create stylish and modern flashcards



Guess the Answer

Create an image with a question and answer



Iframe Embedder

Embed from a url or a set of files



Image Hotspots



Image Juxtaposition



Image pairing



Image Sequencing



Image Slider

Content Types



Image Hotspots

Create an Image with multiple info hotspots



Image Juxtaposition

Create Interactive Images



Image pairing

Drag and drop Image matching game



Image Sequencing

Place Images In the correct order



Image Slider

Easily create an Image Slider



Impressive Present...

Create a slideshow with parallax effects



Interactive Book

Create courses, books or tests



KewAr Code

Create QR codes for different purposes



Mark the Words

Create a task where users highlight words



Memory Game

Create the classic image pairing game



Multiple Choice

Create flexible multiple choice questions



Personality Quiz

Create personality quizzes



Questionnaire

Create a questionnaire to receive feedback



Quiz (Question Set)

Create a sequence of various question types



Single Choice Set

Create questions with one correct answer

Content Types



Speak the Words

Answer a question using your voice



Speak the Words Set

A series of questions answered by speech



Summary

Create tasks with a list of statements



Timeline

Create a timeline of events with multimedia



True/False Question

Create True/False questions



Virtual Tour (360)

Create interactive 360 environments



Interactive Video

Create videos enriched with interactions



Course Presentation

Create a presentation with interactive slides



Branching Scenario

Create dilemmas and self-paced learning



Advanced fill the blank

Fill in the missing words



Content Type and Instructor Intention

When to use it:

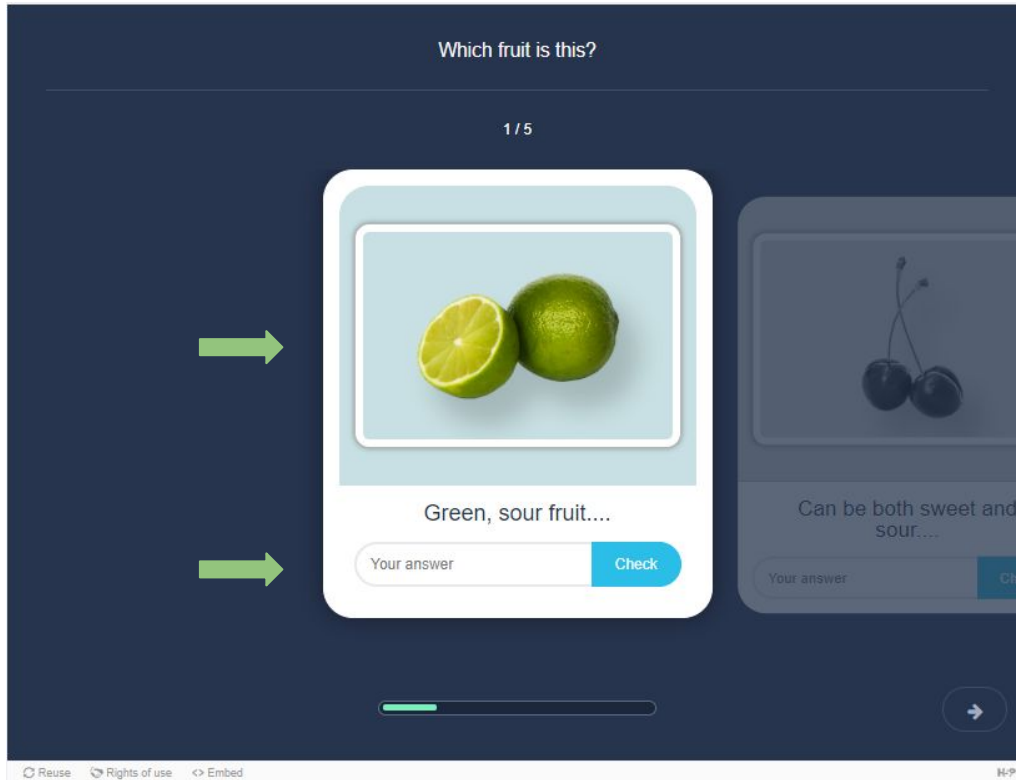
- Content types can align with your pedagogical intentions
- Presenting Aesthetic Content?
 - Be mindful of 'seductive details'
- Presenting Interactive content / diagrams?
 - Good for worked examples / spatial / procedural content
- Formative Learning Activities?
 - Retrieval Practice
 - Self-Regulation / Monitoring
 - Problem Solving

Timeline

The screenshot displays a digital timeline interface. At the top, a green arrow points to a photograph of a strawberry. Below the photo is the text: "Author: Jeff Kubina. License: Creative Commons Attribution-Share Alike 2.0 Generic. URL: http://commons.wikimedia.org/wiki/File:Half_a_strawberry.jpg". To the right of the photo is the title "History of strawberries" and a paragraph: "The strawberry plant is a member of the *Rosaceae* family and the genus *Fragaria*. Against the common belief that strawberry is a fruit, the fleshy red outgrowth is actually the receptacle of the strawberry flower." Below this is the source: "Source: <http://www.buzzle.com/articles/history-of-strawberries.html>". A green arrow points up to the text. To the right, a green arrow points to a date marker "234 B.C. Origins" on the timeline. The timeline itself is a horizontal axis with a scale from 1000 B.C. to 1300. A vertical blue line is positioned at approximately 300 B.C. There are two rectangular blocks on the timeline: one labeled "Origins" starting around 300 B.C. and another labeled "Early mentions of strawberries" starting around 100 B.C. The timeline also shows "Middle" and "Late" markers. At the bottom left, there are icons for "Reuse" and "Embed".

The Timeline helps you place a sequence of events in a chronological order. Dates can go as far back as 100 000 BCE. Students may use this for reflection projects.

Flashcards



Which fruit is this?

1 / 5

Green, sour fruit....

Your answer Check

Can be both sweet and sour....

Your answer Che

Reuse Rights of use Embed H:P

Flashcards can be created singly or in sets, with both questions and answers. They work efficiently with definitions, languages, image recognition.

Image Hotspots

Tech Tips for Learning and Learning

So many courses use technology...

WHAT TECH TOOLS SHOULD I USE?

Click the question mark icon to learn more about each tool.

TOOLS FOR COLLABORATION

- Blackboard Tools
- WebEx
- Microsoft Teams
- Microsoft Office365

TOOLS FOR ASSESSMENT & DIGITAL FEEDBACK

Blackboard, PollEverywhere, Turnitin, Microsoft Forms

-
-
-
-

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-

Blackboard is Georgian College's online Learning Management System. It can be used to communicate with students, post links to important information, post course content such as lecture materials, and facilitate student collaboration by means of blogs, discussion boards and wikis. There is also a grade center in which marks can be entered and made visible to students at any point in the semester. If you are new to Blackboard try our self-paced online module found below.

The Centre for Teaching and Learning has been focused on providing relevant and timely support to faculty as we develop summer courses for remote delivery. With the high number of individual requests for help with Blackboard and related Educational Technologies, we've simplified our contact process. Please contact: faculty@bb-support@georgiancollege.ca in order to receive the fastest, most direct service. We're committed to replying as quickly and thoroughly as possible. As always, our [Faculty Blackboard Support page](#) is available to you 24/7 with support articles, screencasts, and tip sheets.

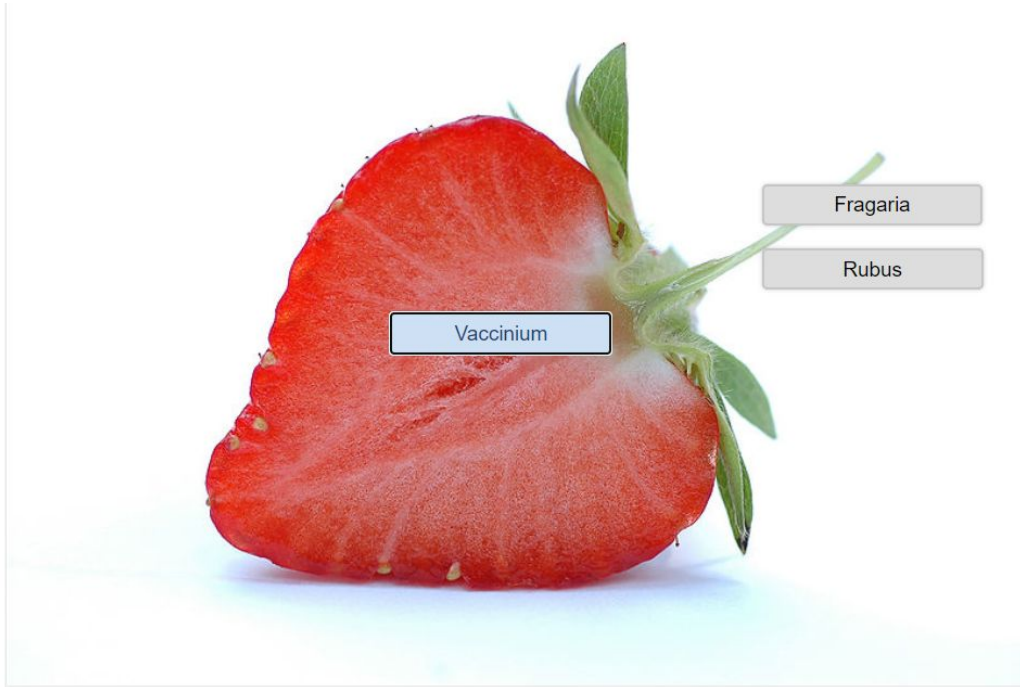
Upload an image and add interactive hotspots that may include text, image or video when clicked.

Interactive Video



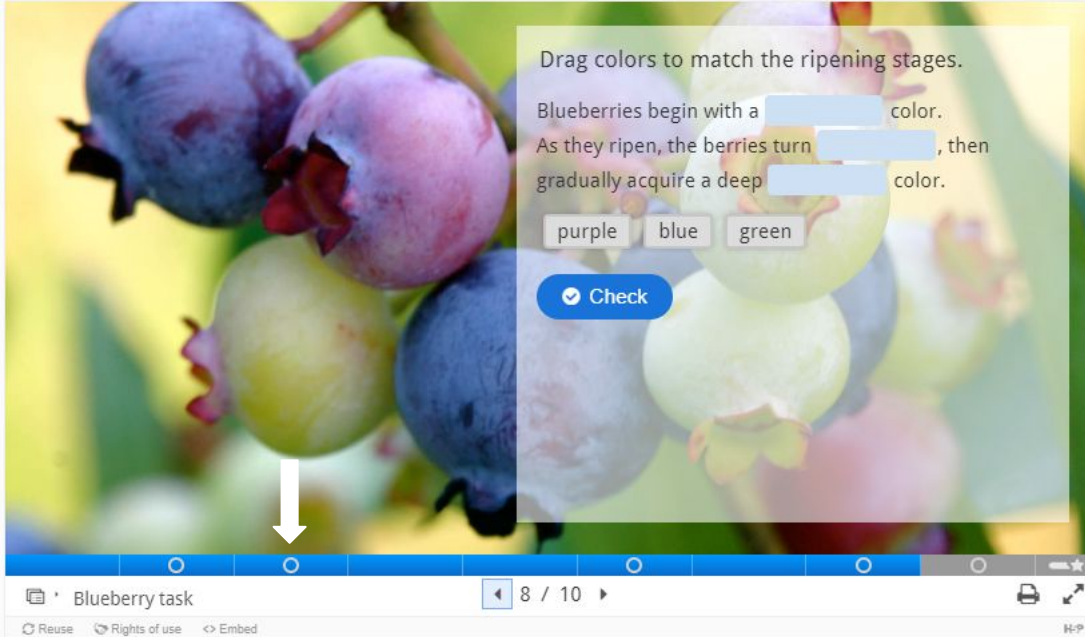
Integrate interactive content (multiple choice quiz, free text questions, drag and drop text + more) in videos using Interactive Video.

Drag and drop



Drag and drop enables the learner to associate two or more elements and to make logical connections in a visual way. This can entail grouping elements that belong together or have something in common, match an object with another object.

Course Presentation



Drag colors to match the ripening stages.

Blueberries begin with a color.

As they ripen, the berries turn , then gradually acquire a deep color.

Check

Blueberry task 8 / 10

Reuse Rights of use Embed

The image shows a close-up of blueberries in various stages of ripening, from green to deep blue. A white arrow points to a blueberry that is partially green and partially blue. The interactive overlay contains a text-based question with three input fields for color selection. Below the question are three buttons labeled 'purple', 'blue', and 'green'. A 'Check' button is also present. At the bottom of the slide, there is a navigation bar with a progress indicator showing '8 / 10' and icons for 'Reuse', 'Rights of use', and 'Embed'.

Create an interactive course presentation with built-in questions and videos. Students can easily navigate from topic to topic at pre-set checkpoints.

Creating an account at <https://h5pstudio.opened.ca/>

ETS H5P Studio

What is H5P?

Join Us!

How do I use H5P?

H5P Events

Log In to OpenETC

ETS H5P Studio

You made it! Nice to have you here.

The UBC [Educational Technology Support](#) team (part of the [Faculty of Education](#)) intends to use this WordPress site as an authoring environment for H5P objects. It is free to use and hosted in BC. You can create content using H5P and make it public, keep it private, or export it yourself. You are in control.

Policies

As you begin to use this WordPress site, please review and abide by the [Code of Conduct](#) and [Terms of Use](#).

Acknowledgments

We are grateful to [OpenETC](#) for hosting this H5P-enabled WordPress server so we can create interactive content and objects. Both [H5P](#) and [WordPress](#) are open source technologies, and we acknowledge the community that built these tools. We also thank [eCampusOntario](#) and others for [developing the H5P Studio concept](#). We will share our knowledge and experience as we embark on this endeavour. This site was created using the [Canvas Course Clone](#) theme.

Next ▶



Creating H5P interactives



My Sites ETS H5P Studio 0 + New

Dashboard
Posts
Media
Comments
Profile
Tools
H5P H5P Content
All H5P Content
Add New
My Results
Collapse menu

All H5P Content [Add new](#)

Title	Content type	Author	Tags	Last modified
H5P Workshop Demo	Image Hotspots	Micah (they/them)	—	20 hours ago
Remembering Relationships via Sport	Image Slider	hjdw5	EDCP 320	2020/11/02
M2-ORL-Niveaux intermédiaire et avancé-Passé simple	Course Presentation	Micah (they/them)	LLED 421, Micah Pryne	2020/11/02
NITEP HOPE	Agamoto	hjdw5	—	2020/10/30
Testing one sample mean + difference b/n two means	Branching Scenario (beta)	cmcewen	—	2020/10/29
03 - M3 - À vous (a)- Niveau intermédiaire	Course Presentation	Micah (they/them)	LLED 421, Micah Pryne	2020/10/29
13 - M2 - À vous- Niveau intermédiaire- Schéma narratif en images	Course Presentation	Micah (they/them)	LLED 421, Micah Pryne	2020/10/29
12 - M3 - Niveaux intermédiaire et avancé-Passif	Course Presentation	Micah (they/them)	LLED 421, Micah Pryne	2020/10/29
Week 9 Study Quiz	Question Set	ambundon	—	2020/10/27
Capstone Presentation:	Accordion	hjdw5	—	2020/10/27



H5P x Canvas

The screenshot displays the WordPress admin dashboard for a site named 'H5P Sandbox'. The left sidebar contains a menu with the following items: Dashboard, Posts, Media, Pages, Comments, Appearance, Plugins, Users, Tools, Settings, Login Security, Smush, H5P H5P Content (highlighted), All H5P Content, and Add New. The main content area shows a resource titled 'Resource for presenting H5P' with 'Results' and 'Edit' buttons. The resource content is a large blue rectangle featuring the H5P logo and the URL 'h5p.org'. At the bottom of the resource, there is a progress indicator '1 / 13' and a 'Reuse' button. The browser's address bar shows the URL 'h5psandbox.opened.ca/wp-admin/admin.php?page=h5p&task=show&id=6'.

It's Demo Time!



Thanks for your kind attention.

What questions do you have for us?



Resources and support

H5P content examples: <https://h5p.org/content-types-and-applications>

H5P Forum: <https://h5p.org/forum>

H5P and Accessibility: <https://documentation.h5p.com/content/1290410474004879128>

Adding H5P plugin to Wordpress: <https://h5p.org/documentation/setup/wordpress>

UBC Wiki: <https://wiki.ubc.ca/Documentation:H5P>

Online Learning Design for International Audiences:

<https://ets.educ.ubc.ca/victoria-surtees-on-online-learning-design-for-international-audiences-and-digital-interactions/>

Catalogue of H5P content: <https://h5pstudio.ecampusontario.ca/>

Join ETS H5P Studio: <https://h5pstudio.opened.ca/>

Book a meeting with ETS: <https://ets.educ.ubc.ca/>



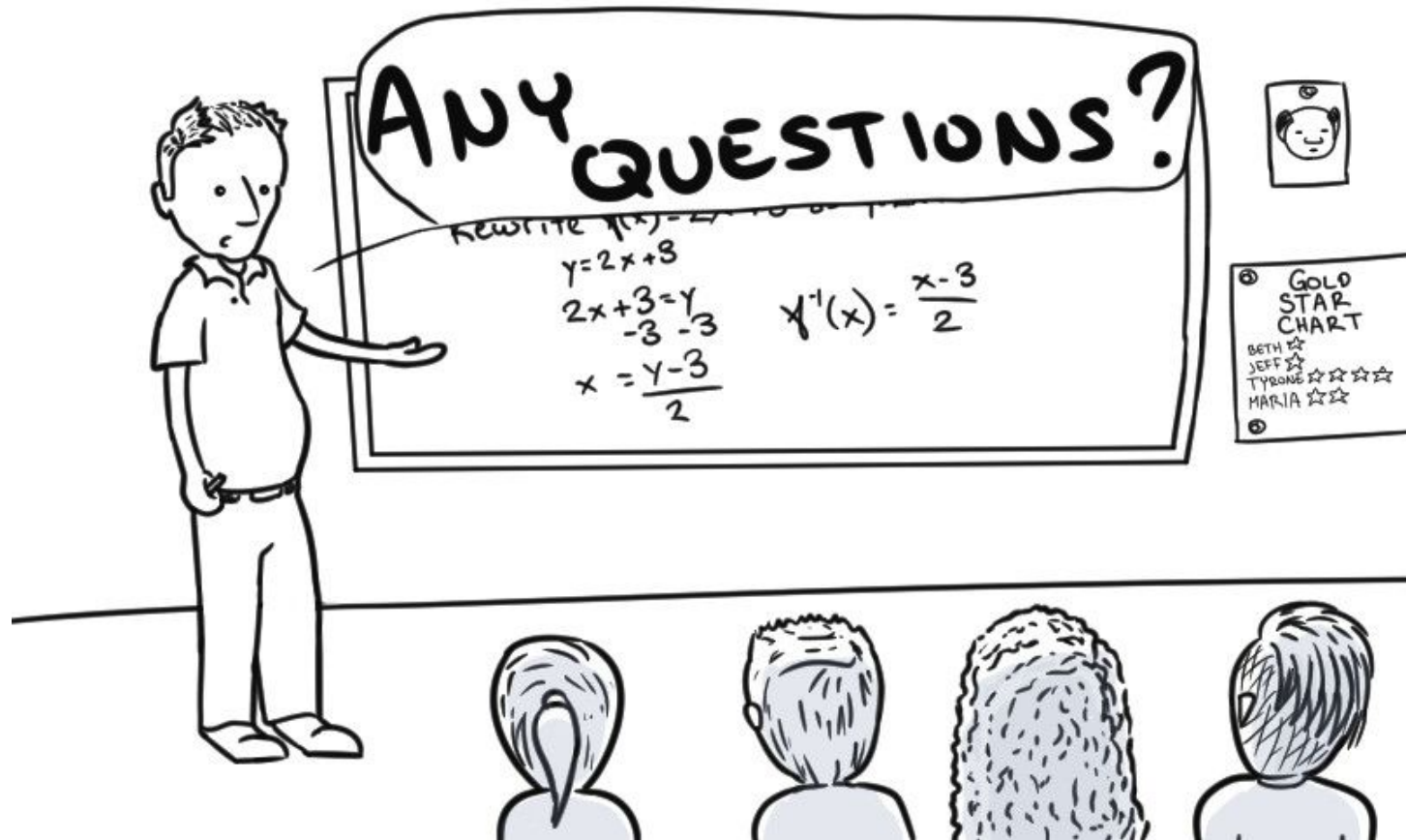
CONNECT WITH US

8:30 am – 4:30 pm

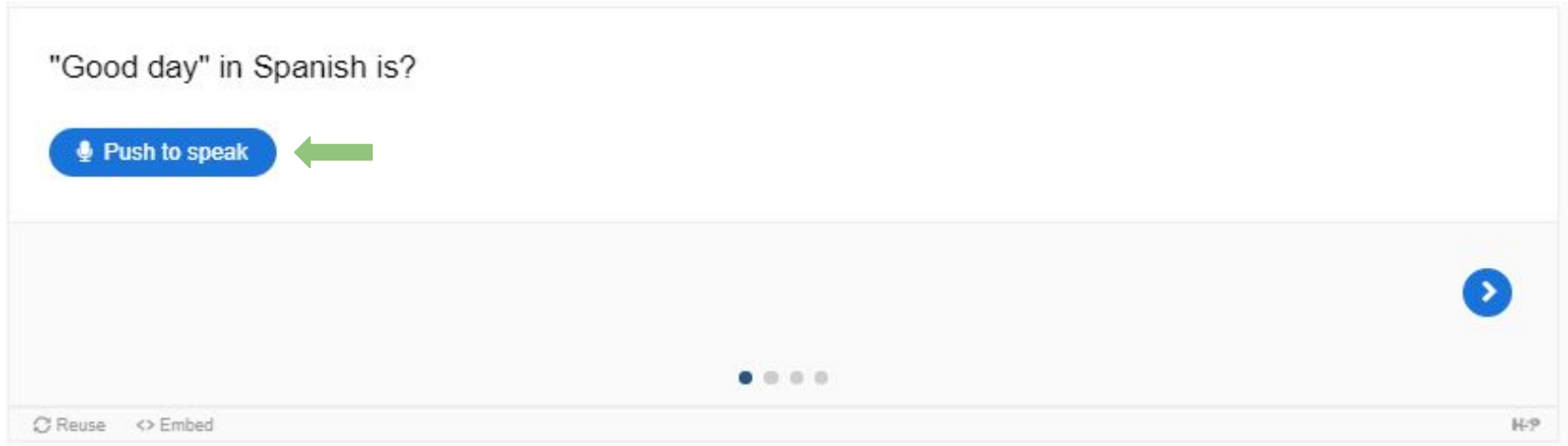
Email: ets.educ@ubc.ca

Voicemail: 604-822-6333

Twitter: @UBC_ETS



Speak the Word set



"Good day" in Spanish is?

Push to speak

Reuse Embed H-P

This content types introduces a fun way to answer questions online: through speech. Students will be challenged to think on their feet and answer with precision.

ETS H5P Studio

What is H5P?

Join Us!

How do I use H5P?

H5P Events

Join Us!

If you are part of UBC's Faculty of Education and would like to join the ETS H5P Studio, please [create an account](#) using your UBC email address and then let us know by email at ets.educ@ubc.ca. We will add you as soon as we can.

If you would prefer a private authoring environment to this shared one, let us know and we will help you get started.



How about some examples

[Example 1](#) (Interactive Video on how to use Zoom)

[Example 3](#) (Image Hotspots Choosing Technologies)

[Example 4](#) (Drag and Drop Nephron Labelling)

[Example 5](#) (Drag and Drop Intonation)

[Example 6](#) (Timeline of Earth's History)