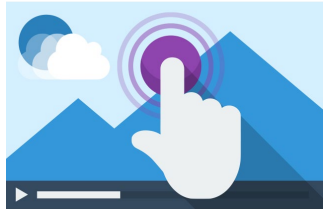# Tour of H5P Examples

Building Interactive Activities for your Brightspace Course

Engaging Learners, Creating Ways to Make Content Pop and Providing Fun Practice Opportunities

L. Knaack, North Island College

HTML5 Package = H5P

- Open-source content collaboration framework based on JavaScript

- Intent: make it easy for everyone to create, share and reuse interactive HTML5 content such as interactive videos, quizzes, presentations, timelines etc.

- Four platform integrations exist: Drupal, **WordPress**, Tiki and Moodle.

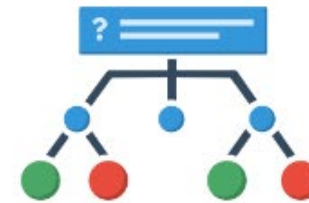- 2024 H5P Group was acquired by D2L (Canadian-based company that is behind Brightspace)

Interactive Video
Create videos enriched with interactions

Course Presentation
Create a presentation with interactive slides

Branching Scenario
Create dilemmas and self paced learning

H5P

Search h5p.org

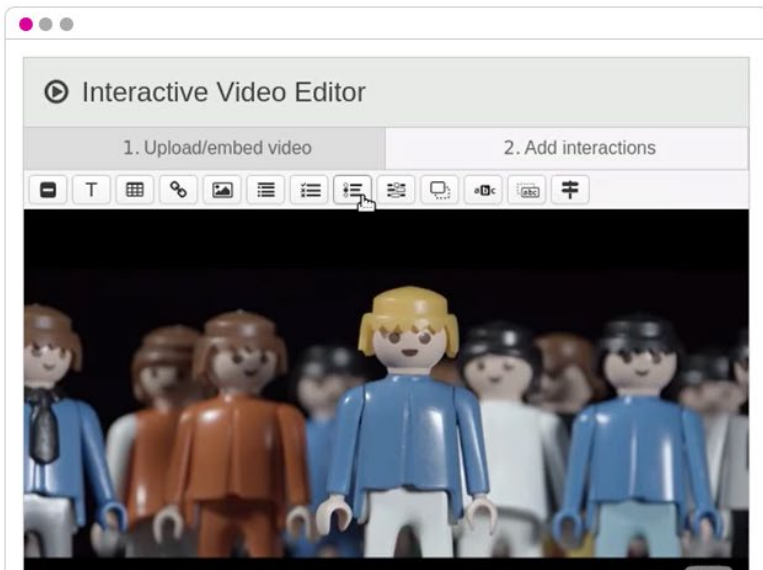Examples & downloads   Documentation   Goals & roadmap   Forum   Log in   Create free account

CREATE, SHARE AND REUSE INTERACTIVE HTML5 CONTENT IN YOUR BROWSER

Try this ⇨

| ? | ? | ? |
| ? | ? | ? |

Time spent: 0:00
Card turns: 0

Interactive Video Editor

| 1. Upload/embed video | 2. Add interactions |

Create
Richer HTML5 Content in
Existing Publishing Platforms

Share
Content Seamlessly Across
Any H5P Capable Site

Reuse and modify
Content in Your Browser at

https://h5p.org/

https://h5p.org/

Audio Recorder
Create an audio recording

Chart
Quickly generate bar and pie charts

Collage
Create a collage of multiple images

Column
Column layout for H5P Content

Cornell Notes
Take notes using the Cornell system

Crossword
Create a crossword puzzle

Dialog Cards
Create text-based turning cards

Dictation
Create a dictation with instant feedback

Documentation Tool
Create a form wizard with text export

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

https://h5p.org/

https://h5p.org/

Single or Many Multiple Choice

create challenges where the user is to identify one ore more correct choices

What color does the blackcurrant berry actually have?

○ Black

○ Very dark purple

○ Blue

✓ Check

↻ Reuse   ⬦ Rights of use   <> Embed   H-P

Speak the Words

Ask a question that should be answered with the user's own voice. Google Chrome Only!

What is the capital of British Columbia?

🎤 Push to speak

What is the capital of British Columbia?

Correct answer

⭐ 1/1

Dialog Cards

Create a language learning resource where you have a card with a definition or a picture or a word and when you turn it over it gives you the answer, the term, the other language

Learn Spanish berry names

Berry names are presented in Spanish. You can turn the cards to see the correct English translations.
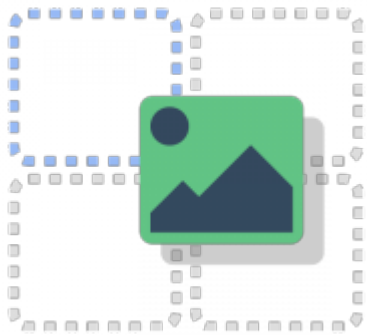

Blueberries

↻ Turn
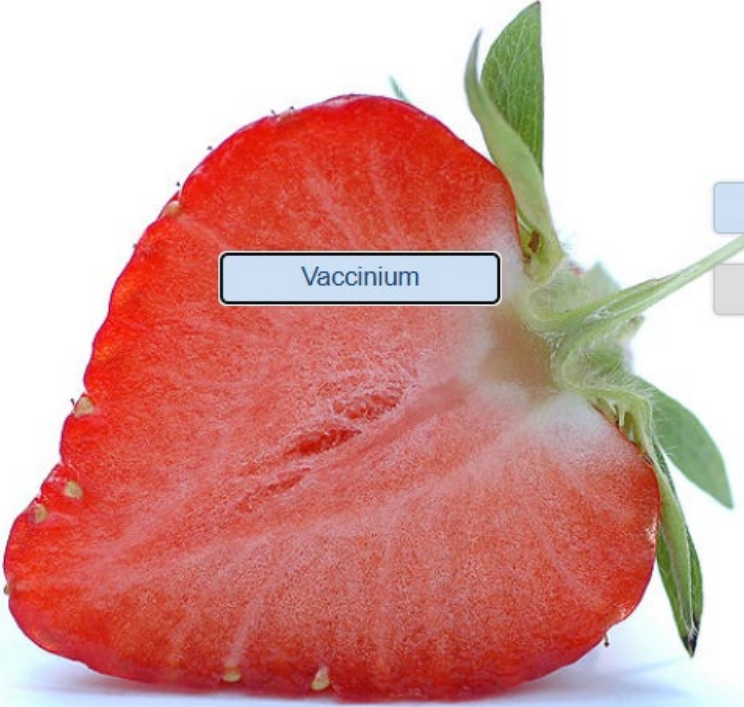
Card 1 of 5

Arándanos azules

↻ Turn

Card 1 of 5

Drag and Drop

Create many forms of dragging and dropping terms on a image and check for accuracy

Drag The Words

Create text-based challenges where users are to drag words into blanks in sentences.

What are the colors of these berries when they are ripe?

Blueberries are [____] ℹ .
Strawberries are [____] .
Cloudberries are [____] .

✓ Check

orange

blue

red

↻ Reuse   <> Embed

H-P

Fill in the Blanks

Create a task with missing words in text.

With image and auto-check

Created by **H5P Group**

Previous

Next

Insert the missing words in this text about berries found in Norwegian forests and mountainous regions.

Bilberries *(Vaccinium myrtillus)*, also known as ⬚ berries are edible, nearly black berries found in nutrient-poor soils.

⬚ berries *(Rubus chamaemorus)* are edible orange berries similar to raspberries or blackberries found in alpine and arctic tundra.

Redcurrant *(Ribes rubrum)* are red translucent berries with a diameter of 8–10 mm, and are closely related to its black colored relative ⬚ currant.

↻ Reuse   Rights of use   <> Embed

H-P

Question Set

Create sequence of various questions (T/F, M/C/ Fill in Blanks) – like a mini quiz with variety of questions.

Berry quiz

Passing this test will certify you as a berry expert. You need 80 % correct to pass. Good luck!

Start Quiz

Reuse <> Embed

What color does the blackcurrant berry actually have?
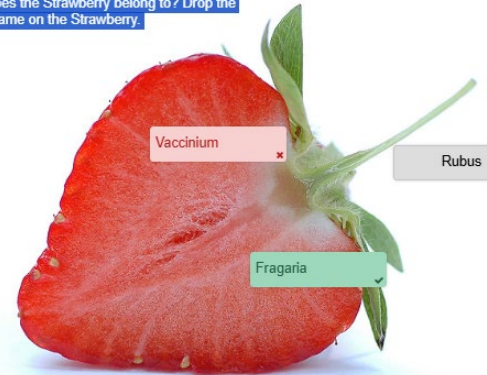
Black

✔ Very dark purple

Dark blue

Correct!

⭐ 1/1

Question: 1 of 3 questions

Reuse <> Embed H-P

Which genus does the Strawberry belong to? Drop the correct genus name on the Strawberry.

Vaccinium ✖

Rubus

Fragaria

0/1 ↻ Try again ‹ ›

Question: 2 of 3 questions

Fill in the missing text about Strawberries!

Insert the correct plural form of the noun strawberry: [   ]

The strawberry is a juicy, edible fruit which has a [   ] color when it is ripe.

Tom has 2 strawberries. Jill gives him 4 more strawberries. Now, Tom has [   ] strawberries.

✔ Check ‹

Question: 3 of 3 questions

Reuse <> Embed H-P

Summary

Create challenges where the user is to choose between a number of statements and build a correct summary.
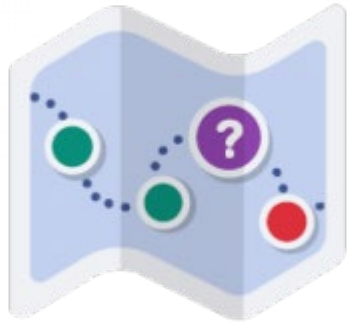
Blueberries are edible, round berries. ✔

Choose the correct statement. ✖ Wrong answers: 2 ✔ Progress: 1/2

Blueberries turn green on ripening.

Blueberries turn blue on ripening.

↻ Reuse <> Embed H-P

Game Map

Stages you create on top of a background image. Each state can hold content for user to view or complete. Define the rules for what stage the user is allowed to move to – gaming experience.

Multiple Hot Spots

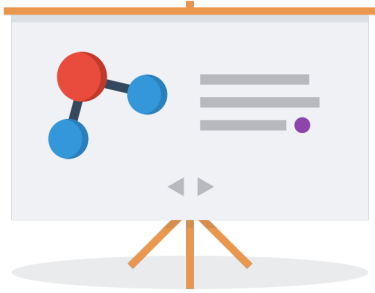Image based test – learner must find correct spots on an image.

Find all the vegetables in this picture

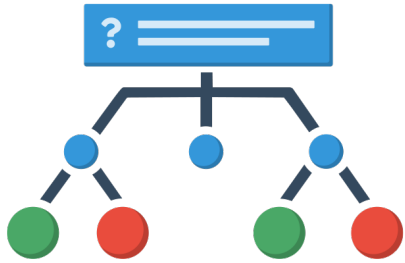Great job, you have found 2 of 2 vegetables.
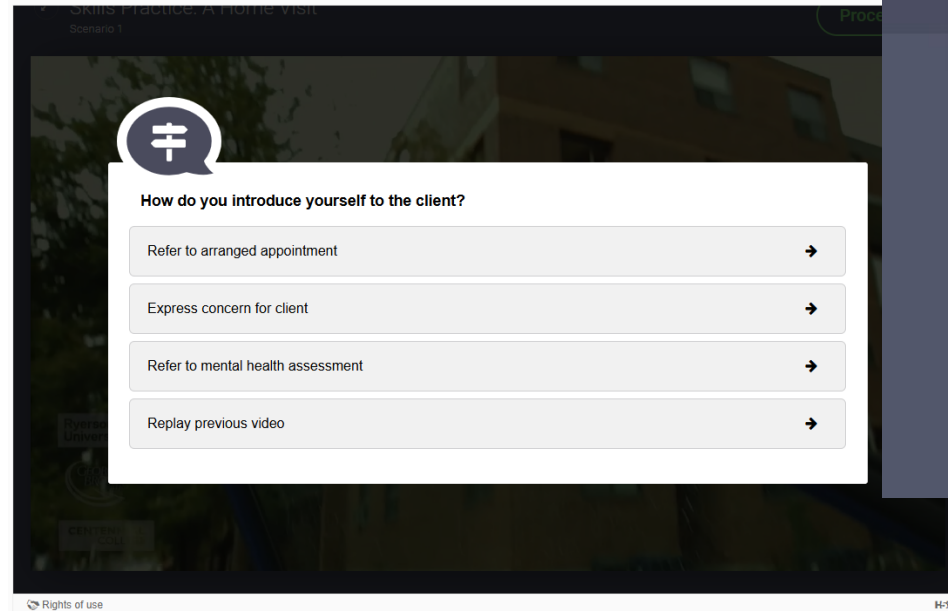
2 / 2

Course Presentation

A presentation content type which allows users to add multiple choice questions, fill in the blanks, text, and other types of interactions to their presentations using only a web browser.

Drag colors to match the ripening stages.

Blueberries begin with a _____ color.
As they ripen, the berries turn _____, then gradually acquire a deep _____ color.

blue   green   purple

✓ Check

▤ › Blueberry task   ◄ 8 / 10 ▶   🖨 ↗

↻ Reuse   ◈ Rights of use   <> Embed   H·P

Branching Scenario

Create a dilemma, and then self-paced learning scenarios come up depending on response or other adaptive learning.

Skills Practice: A Home Visit
Scenario 1

How do you introduce yourself to the client?

- Refer to arranged appointment →
- Express concern for client →
- Refer to mental health assessment →
- Replay previous video →

Rights of use

An award winning serious game developed with professors from: Ryerson University Daphne Cockwell School of Nursing Centennial C George Brown College Sally Horsfall Eaton School of Nursing located in Toronto, Canada. Game Developers: Ryerson University The C School Digital Education Strategies

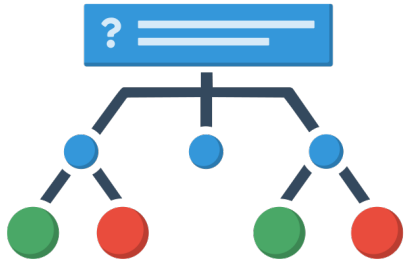**Skills Practice: A Home Visit**
Simulation Game

Start the game →

Not the Best Response (Express concern for client)

What do you need to do first when initiating a therapeutic relationship and starting to build trust with a client?

Proceed »

Branching Scenario

Create a dilemma, and then self-paced learning scenarios come up depending on response or other adaptive learning.

Accordion

Allows users to add accessible and web enabled accordions to course content that is too much to put on one page or you want a cleaner display of just what is expanded.
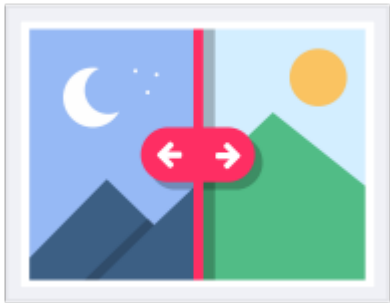
> **Cherries**

> **Cranberries**

Raw cranberries have moderate levels of vitamin C, dietary fiber and the essential dietary mineral, manganese, as well as other essential micronutrients in minor amounts.

Source: Wikipedia
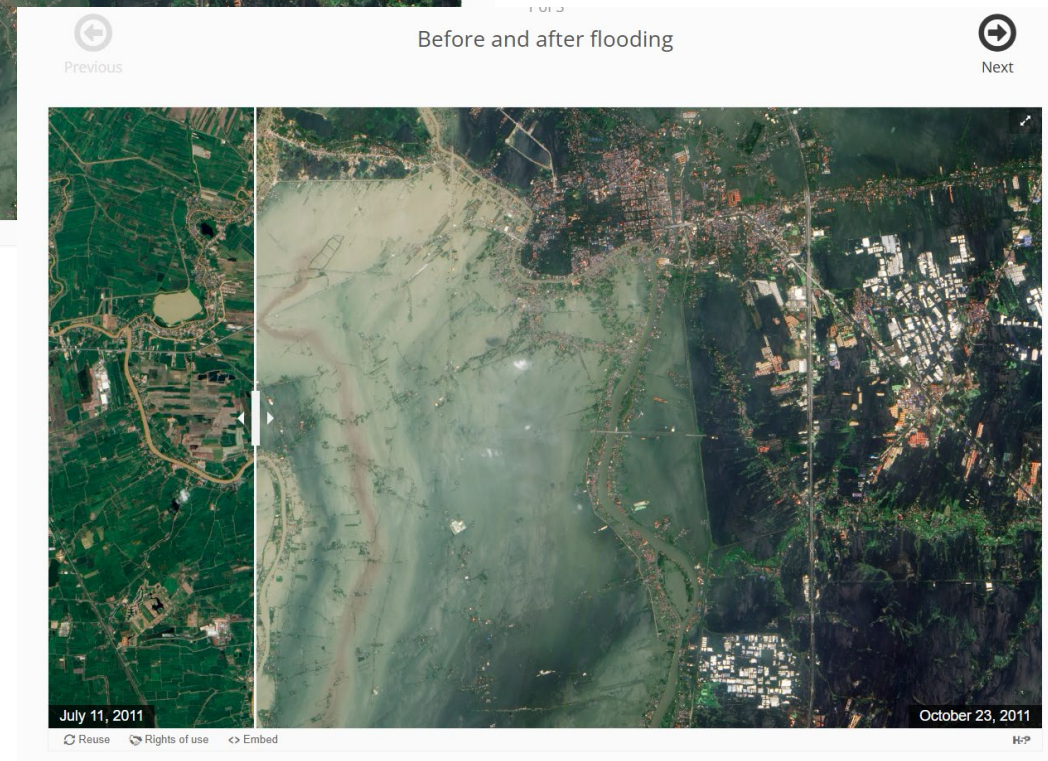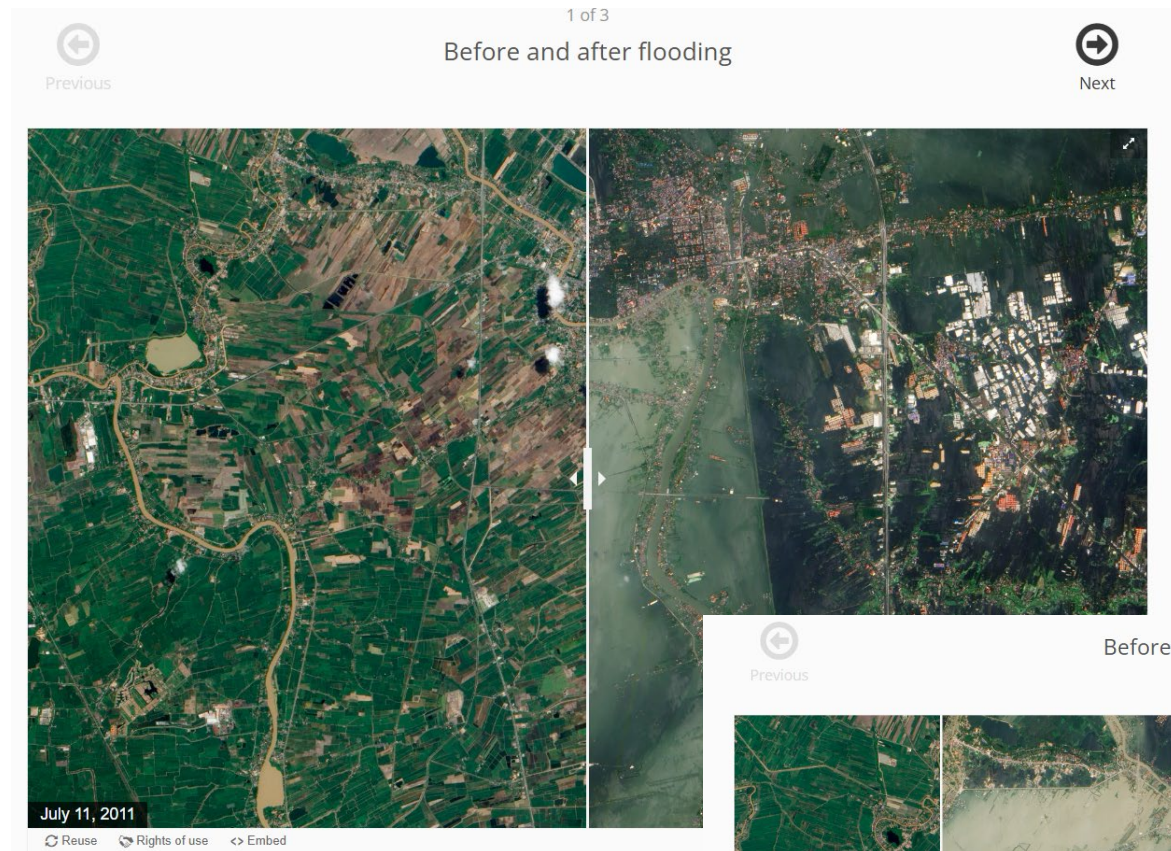
> **Blackberries**

> **Açaí berries**

↻ Reuse   <> Embed   H-P

Image Juxtaposition

Create interactive content that allows users to compare two images.

Column

Allows users to add multiple-choice, fill in blanks and such along with text and illustrations in a columnar layout.

The Kon-Tiki expedition was a 1947 journey by raft across the Pacific Ocean from South America to the Polynesian islands, led by Norwegian explorer and writer Thor Heyerdahl. The raft was named Kon-Tiki after the Inca sun god, Viracocha, for whom "Kon-Tiki" was said to be an old name.

Heyerdahl believed that people from South America could have settled Polynesia in pre-Columbian times. His aim in mounting the Kon-Tiki expedition was to show, by using only the materials and technologies available to those people at the time, that there were no technical reasons to prevent them from having done so.

wikipedia

What was the purpose of the Kon-Tiki Expedition?

○ A mission to rescue the Norwegian crown prince from pirates in the caribbean.

○ A journey by raft across the Pacific Ocean from South America to the Polynesian islands, led by Norwegian explorer Thor Heyerdahl.

○ A journey to the heart of the Amazon rainforest to categorize a rare species of frog before it went extinct.

✔ Check

"Kon Tiki" is said to be the old name for the Inca Sun God Vriacocha.
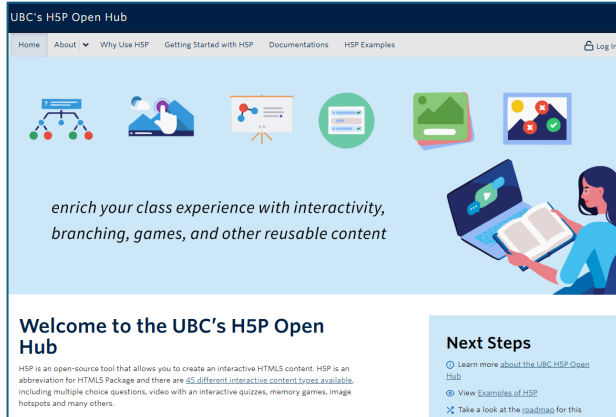
○ True   ○ False

✔ Check

The Crew

Kon-Tiki had a six-man crew, all of whom were Norwegian except for Bengt Danielsson, a Swede. The expedition also carried a pet parrot named Lorita.

wikipedia

Match the roles of the Kon-Tiki crew members with their image:

UBC H5P Open Hub: Exploring (not creating)

https://h5p.open.ubc.ca/h5p-examples/

⑦ Quiz/Problem Solving

- Arithmetic Quiz
- Drag and Drop
- Drag The Words
- Fill In The Blanks
- Find The Words
- Guess The Answer
- Mark The Words
- Multiple Choice
- Questionnaire
- Quiz (Question Set)
- Single Choice Set
- Sort The Paragraphs
- True/False Question

⊡ Image

- Agamotto
- Collage
- Find Multiple Hotspots
- Find The Hotspot
- Image Choice
- Image Juxtaposition
- Image Pairing
- Image Sequencing
- Image Slider

⊡◄ Multimedia

- Audio Recorder
- Branching Scenario
- Dictation
- Interactive Book
- Interactive Video
- Speak The Words
- Speak The Words Set

♀ Presentation

- Course Presentation
- Dialog Cards
- Documentation Tool
- Flashcards
- Essay

⊕ Fun

- Advent Calendar
- Crossword
- Memory Game
- Personality Quiz
- Timeline

⊡ Display

- Accordion
- Chart
- Column
- KewAr Code
- Summary
- Tweeter Feed

Go Explore