



Moodle Day 2018

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H5P: Using an Interactive Assessment Tool in Moodle

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Content

- What's H5P?
- Starting Using H5P
- Integrating H5P and Moodle
- Questions

What is H5P ?

- How many of you have heard of **H5P** ?
- How many of you are actually using **H5P**
with Moodle?

What is H5P ?

- **H5P** is a free and open-source content collaboration framework based on JavaScript
- Abbreviation for **HTML5 Package**
- It aims to make it easy for everyone to create, share and reuse **interactive HTML5 content**.
- Platforms you can use it: **Moodle, WordPress** and **Drupal**

Advantages of H5P

- Easy to create HTML5 content - right from your browser window
- Share Content Seamlessly Across Any H5P Capable Site
- Reuse and modify Content in Your Browser at Any Time

Advantages of H5P

- Mobile friendly content - experience the same rich, interactive content on computers, smartphones and tablets.
- Free to use - H5P is a completely free a open technology, licensed with the MIT license.
- Supports xAPI
- Supported by the Moodle Community

Starting Using H5P



In the cloud:

<http://h5p.org>

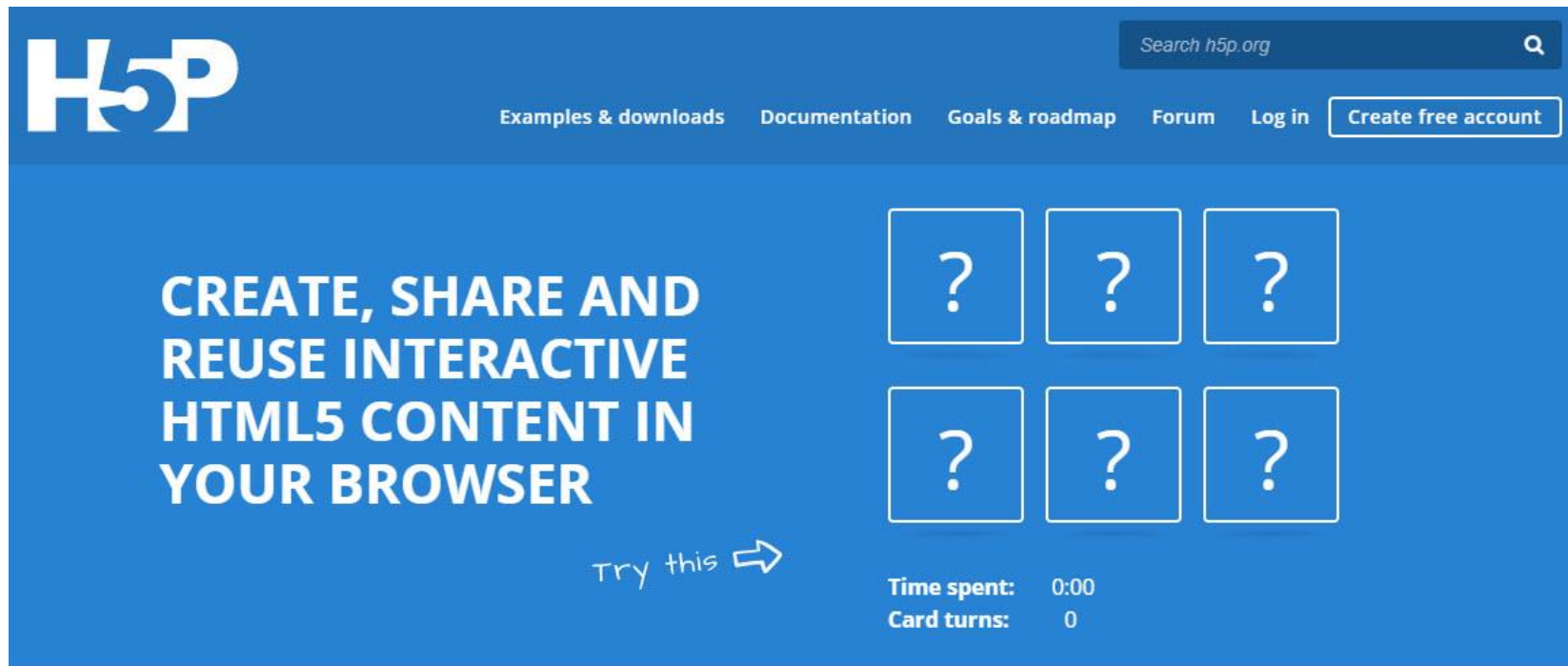


A Moodle plugin

Starting Using H5P in the Cloud

- Create a free account in <http://h5p.org>
- Create your content
- Embed it into **Moodle** or share it

Starting Using H5P in the Cloud



The screenshot shows the H5P website homepage. At the top left is the H5P logo. To its right is a search bar with the text "Search h5p.org" and a magnifying glass icon. Below the search bar is a navigation menu with links for "Examples & downloads", "Documentation", "Goals & roadmap", "Forum", "Log in", and a "Create free account" button. The main content area has a blue background. On the left, it says "CREATE, SHARE AND REUSE INTERACTIVE HTML5 CONTENT IN YOUR BROWSER". To the right of this text is a 2x3 grid of six white squares, each containing a question mark. Below the grid, there is a "Try this" link with a right-pointing arrow. At the bottom right of the main content area, there is a timer showing "Time spent: 0:00" and "Card turns: 0".

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

<https://h5p.org/>

Starting Using H5P in the Cloud

All Content Types (30 results)

Show: Recently Used First Newest First A to Z



Accordion

Create vertically stacked expandable items



Agamotto (Image Blender)

Present a sequence of images and explanations



Arithmetic Quiz

Create time-based arithmetic quizzes



Audio

Upload an audio recording



Audio Recorder

Create an audio recording



Chart

Quickly generate bar and pie charts



Collage

Create a collage of multiple images



Column

Organize H5P content into a column layout



Course Presentation

Create a presentation with interactive slides



Dialog Cards

Create text-based turning cards



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 the Hotspot

Create image hotspots for users to find

Starting Using H5P in the Cloud



Flashcards

Create stylish and modern flashcards



Guess the Answer

Create an image with a question and answer



Image Hotspots

Create an image with multiple info hotspots



Image Juxtaposition

Create interactive images



Image Sequencing

Place images in the correct order



Image Slider

Easily create an Image Slider



Interactive Video

Create videos enriched with interactions



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



Single Choice Set

Create questions with one correct answer



Speak the Words

Answer a question using your voice (Chrome only)



Speak the Words Set

Create a series of questions answered by speech (Chrome only)



Summary

Create tasks with a list of statements



True/False Question

Create True/False questions



Twitter User feed

Show your Twitter feed with H5P

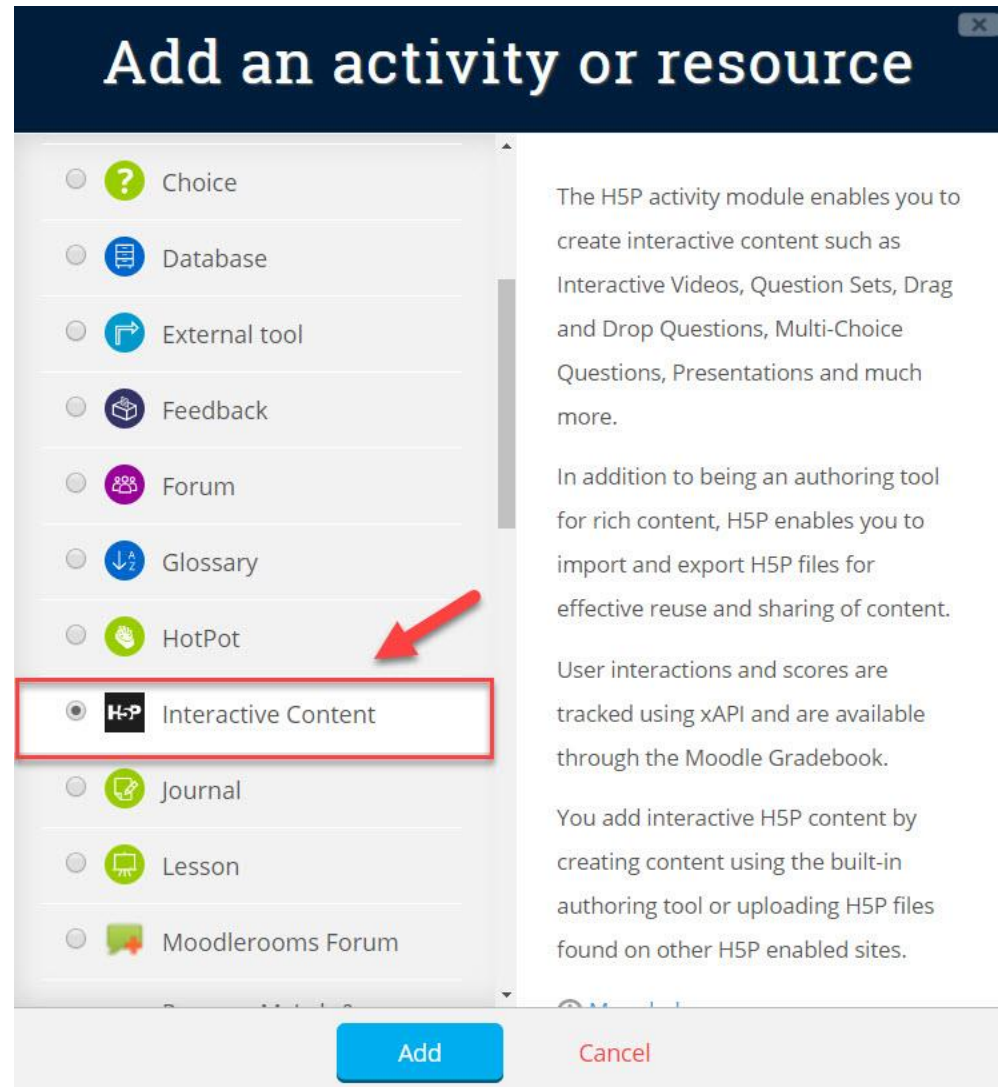
Using H5P in Moodle



Starting Using H5P in Moodle



Note: You must install the H5P plugin first



H5P Content Types

- H5P makes it easy to create interactive content by providing a range of content types for various needs.
- As of today there are 47 different content types available in the H5P library.

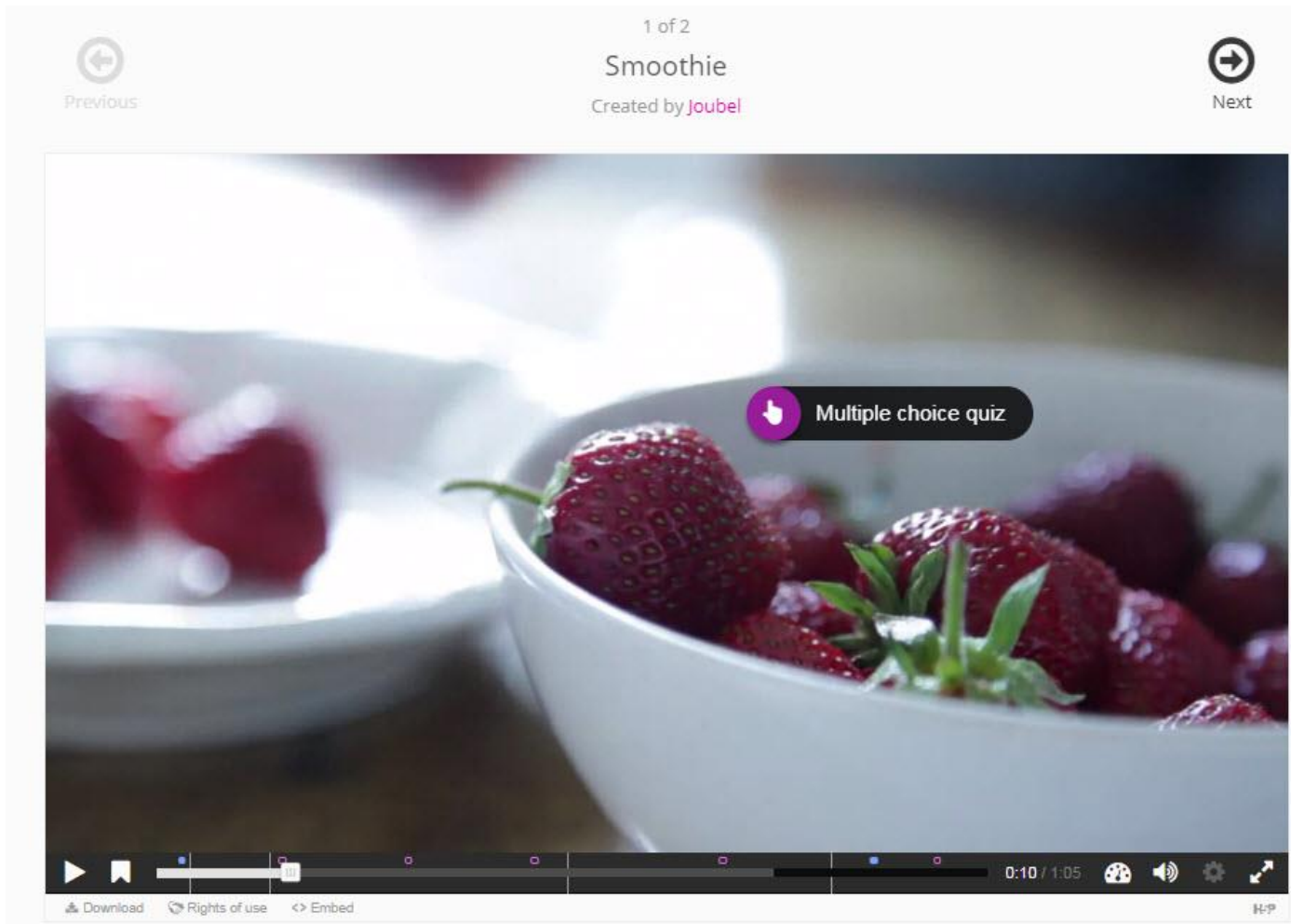
Top H5P Content Types For Moodle Teachers

1. Interactive Video

The Interactive video content type allows you to add interactions on top of video clips.

Interactions such as images, elaborating text, links and quizzes pop up while the learner watches the video.

1. Interactive Video



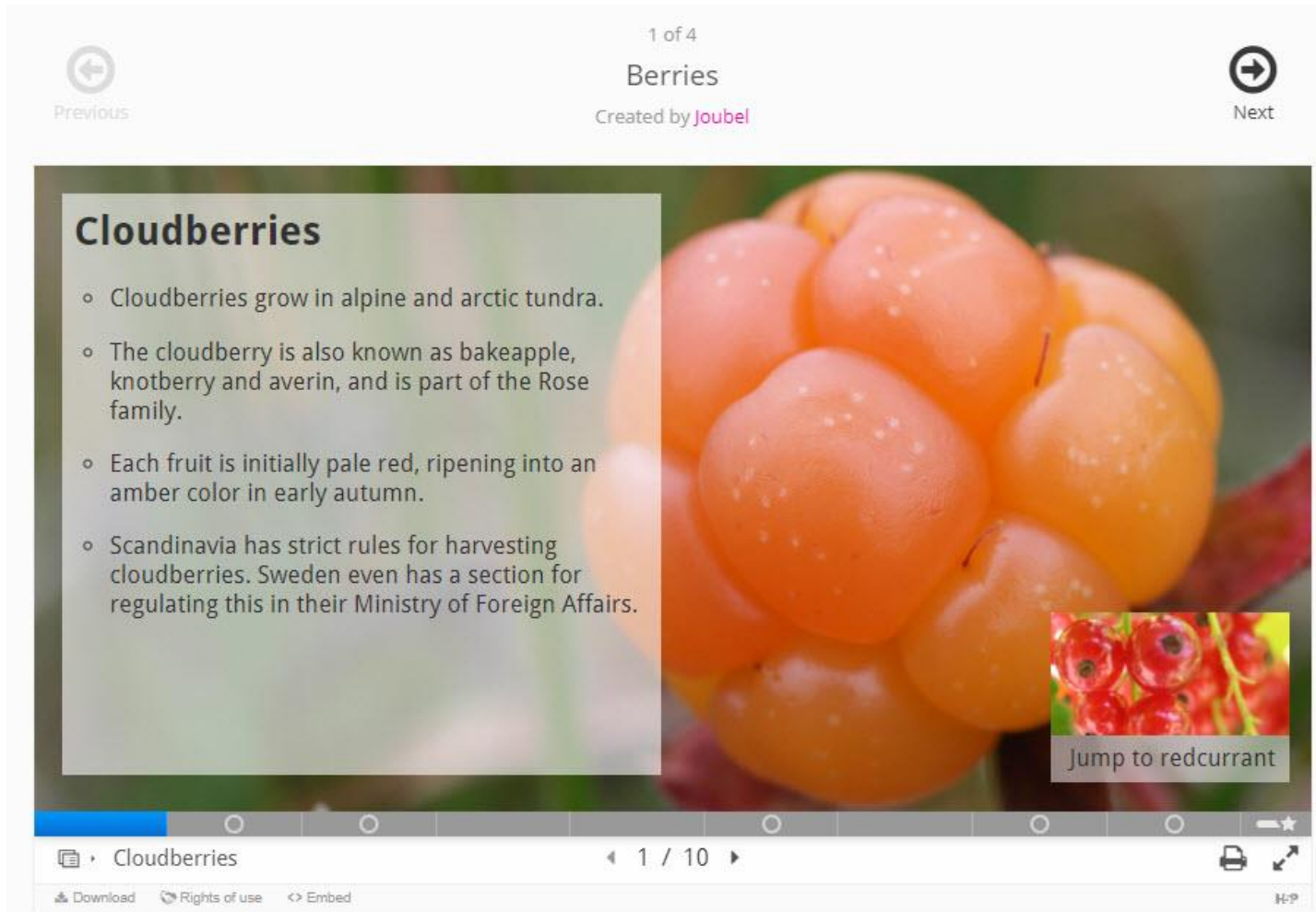
Demo: <https://h5p.org/interactive-video>

2. Course Presentation

The Course presentation content type allows you to create a slide-based presentation of your learning material.

Elements such as **keywords**, **links**, **pictures**, **audio** and **video clips**, as well as **various quiz types** can be embedded seamlessly right into the presentation for a richer learning experience.

2. Course Presentation



1 of 4

Berries

Created by Joubel

Previous

Next

Cloudberry

- Cloudberry grow in alpine and arctic tundra.
- The cloudberry is also known as bakeapple, knotberry and averin, and is part of the Rose family.
- Each fruit is initially pale red, ripening into an amber color in early autumn.
- Scandinavia has strict rules for harvesting cloudberry. Sweden even has a section for regulating this in their Ministry of Foreign Affairs.

Jump to redcurrant

Cloudberry

1 / 10

Download Rights of use Embed

Demo: <https://h5p.org/presentation>

3. Drag and Drop

The Drag and drop content type allows learners to drag a piece of text or an image and drop it on one or more corresponding dropzones.

Drag and drop can be used to test the learner's knowledge on a given topic as a variation to Multichoice questions.


3. Drag and Drop

3 of 4

Simple matching game
Created by Joubel

Previous Next

Drag and Drop



Onion Kiwi Cucumber Orange Banana Strawberry Pepper Sour Cherry

Check

Demo: <https://h5p.org/drag-and-drop>

4. Find multiple hotspots/Find the Hotspot

The Drag and drop content type allows learners to drag a piece of text or an image and drop it on one or more corresponding dropzones.

Drag and drop can be used to test the learner's knowledge on a given topic as a variation to Multichoice questions.

4. Find multiple hotspots/Find the Hotspot

Find all the vegetables in this picture



Download Embed

H5P

Demo: <https://h5p.org/find-multiple-hotspots>

5. Image Juxtaposition

A free HTML5-based image content type that allows users to compare two images interactively.



Demo: <https://h5p.org/image-juxtaposition>

6. Guess the Answer

A free HTML5 based content type allowing creatives to create challenges where the user is to guess an answer based on a picture.

What kind of berries are these?



Press here to reveal answer

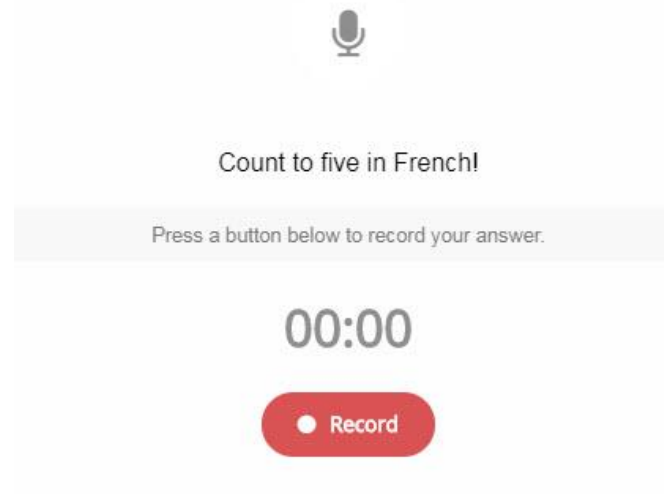
Download Rights of use Embed

H5P

Demo: <https://h5p.org/guess-the-answer>

7. Audio Recorder

- A free HTML5 audio recorder. Record your voice and play back or download a .wav file of your recording.
- Suitable content type for open-ended questions and language courses



Demo: <https://h5p.org/audio-recorder>

8. Mark the Words

- A free HTML5 based question type allowing creatives to create challenges where the user is to mark specific types of verbs in a text.
- Student highlights words according to the task description and is given a score
- Add as many expressions and correct words as you like

8. Mark the Words

Click the various types of berries mentioned in the text below!

Bilberries ✓⁺¹, also known as blueberries ✓⁺¹ are edible, nearly black berries found in nutrient-poor soils.

Cloudbberries ✓⁺¹ are edible orange berries similar to raspberries ✓⁺¹ or blackberries ✓⁺¹ found in alpine and arctic tundra.

Redcurrants ✓⁺¹ are red translucent berries with a diameter of 8–10 mm, and are closely related to blackcurrants ✓⁺¹.

You got 7 of 7 points.



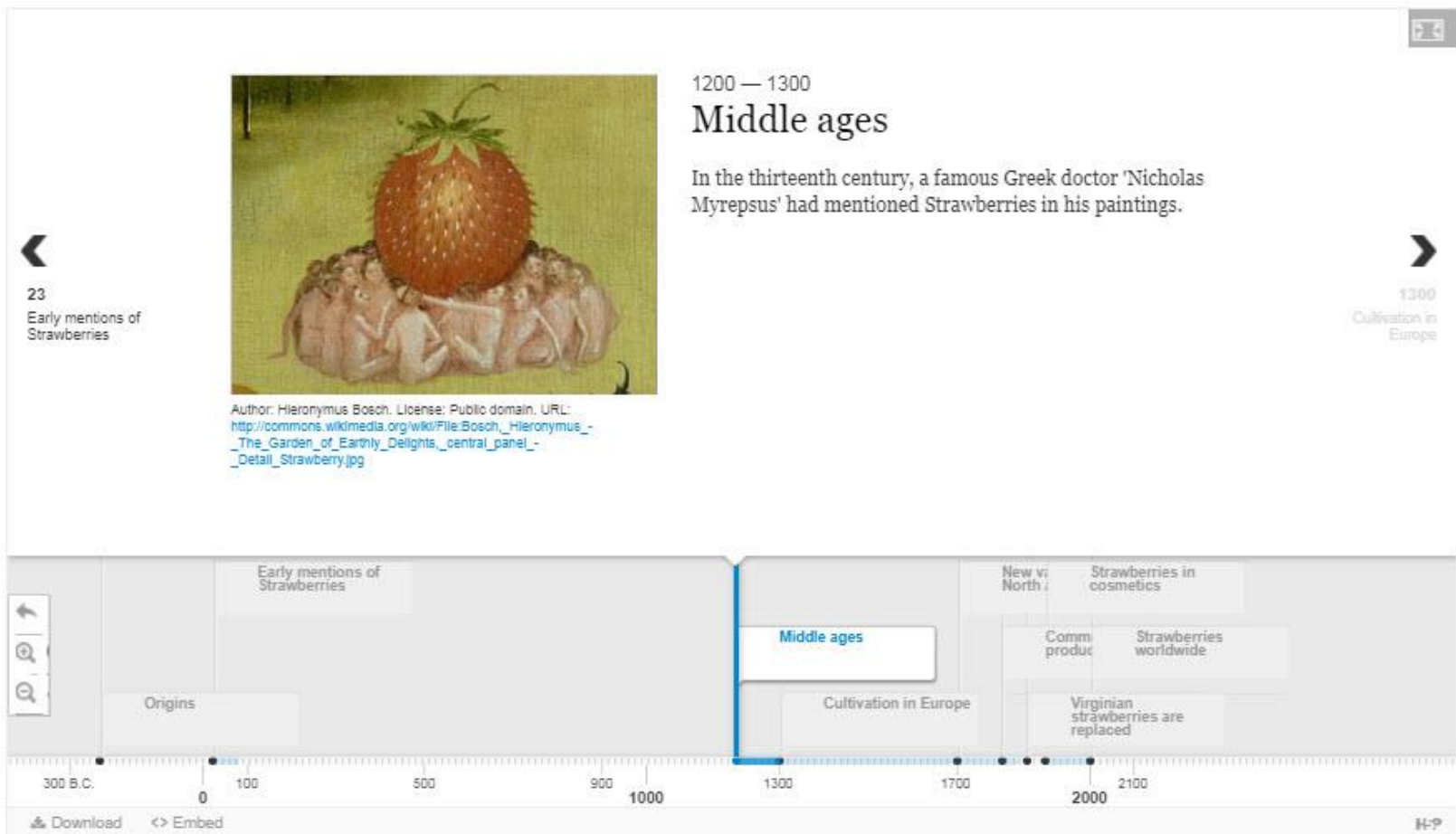
Download <> Embed

Demo: <https://h5p.org/mark-the-words>

9. Timeline

- Create interactive timelines.
- Allows you to place a sequence of events in a chronological order.
- For each event you may add images and texts.
- Include assets from Twitter, YouTube, Flickr, Vimeo, Google Maps and SoundCloud

9. Timeline



Demo: <https://h5p.org/timeline>

10. Multiple Choice

- An easy to use and effective assessment tool
- Create challenges where the user is to identify one or more correct choices
- Learner is given immediate performance feedback.
- Can be used for testing well-defined skills related to a certain topic

10. Multiple Choice



What color does the blackcurrant berry actually have?

Black

Blue

Very dark purple

Check

Demo: <https://h5p.org/multichoice>

11. Memory Game

- A free HTML5-based memory game content type allowing authors to add their own images (and optional text) to a memory game.
- To play the game, users search for image pairs, which will display a specified text message once a matching pair has been found

11. Memory Game

1 of 2

The classic image pairing game

Created by [Joubel](#)

Previous Next



Time spent: 0:08
Card turns: 2

[Download](#) [Rights of use](#) [Embed](#) H-P

Demo: <https://h5p.org/memory-game>


Starting Using H5P in Moodle











Editor

H5Phub *Select content type* ▼

Create Content Upload

All My Content Types



| | | | |
|---|--|--|---------------------|
|  | Interactive Video Create videos enriched with interactions | | Use |
|  | Mark the Words Create a task where users highlight words |  Update available | Use |
|  | Multiple Choice Create flexible multiple choice questions |  Update available | Use |
|  | Single Choice Set Create questions with one correct answer | | Use |
|  | Summary Create tasks with a list of statements |  Update available | Use |
|  | True/False Question Create True/False questions |  Update available | Use |

H5P.com is coming!

H5P is launching a service for those who want to use **H5P** without having to set up and maintain their own web site or hosting solution for **H5P**.

<https://h5p.com>

Resources

H5P.org

<http://www.h5p.org>

H5P Tutorials

<https://h5p.org/documentation/for-authors/tutorials>



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MERCI!
THANK YOU!

