

H5P Training Series: 2—Timeline

In this tutorial, you will learn how to create an H5P Timeline. Before beginning this tutorial, please download the zipped file that accompanies it from ctYOU.org. You will need to use these additional files to complete this tutorial.

IMPORTANT: Be sure to abide by copyright laws when developing learning activities based on content you do not own. See the link under the Additional Resources section for information.

Note: Before uploading images to your H5P activity, save them as JPG or PNG files at 72 dpi using RGB color, and then size them appropriately for viewing on a computer monitor.

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1. Overview of the Timeline Content Type

The H5P Timeline content type allows you to create engaging timelines for online learning. You can add text, images, and media from Twitter, YouTube, Flickr, Vimeo, Google Maps, and SoundCloud to events in the Timeline content type.

IMPORTANT: Before creating any H5P element, turn on editing for your course site. Under the section or topic where the H5P element is to appear, click the **Add an activity** dropdown menu and choose **Interactive Content** from the list. Save your work periodically, and try out the features as you create them to help you understand how they function.

Note: See tutorial **0—General H5P Settings** for instructions on how to set up H5P activities for grades and other information.

2. Adding a Timeline with a Background Image

The following steps walk you through the process of adding a Timeline that has six events. The steps also explain how to add images, text, and media links within this content type.

Step	Action	Notes
1.	In the Name field, type in a name for the H5P interaction.	For training purposes, type: Memory Game.
2.	In the Editor section, select Timeline from the list of content types. When selecting this H5P activity for the first time, click the Use button.	The Timeline editor should appear.
3.	Enter the heading of the timeline in the Headline field.	For training purposes, type: Textile Technology, 1493-1830.
4.	Click + Add under Background image to upload your background photo.	For training purposes, navigate to where you saved the files for this tutorial and Open Rainbow-Textile-Fabric.png
5.	Click Edit image to edit the photo, if necessary.	For this exercise, skip this step.
6.	Click Edit copyright to add copyright information, if necessary.	Because the images we use for training are in the public domain, there is no need to enter copyright information at this time.
7.	Adjust the height in pixels of your background image, if necessary.	For training, skip this step.
8.	Scroll down to the first Dates block and enter the starting date in the Start date field.	For training purposes, type: 1493.
9.	Enter the end date in the End date block.	For training, leave this field blank.
10.	Type the headline for the date entry in the Headline field.	For training purposes, type: First recorded reference to lace.
11.	Type the body for the date entry in the Body text field.	For training purposes, type: A member of the ruling Milanese Sforza family mentioned lace in a last will and testament.
12.	Click to expand the Asset field to add a thumbnail image.	
13.	Click + Add under Thumbnail to upload your image.	For training purposes, navigate to the place where you saved the files for this tutorial and Open Lace.png

Step	Action	Notes
14.	Click Edit image to edit the photo, if necessary.	For training, skip this step.
15.	Click Edit copyright to add copyright information, if necessary.	Because the images we use for training are in the public domain, there is no need to enter copyright information at this time.
16.	Scroll down and click the Add item button.	
17.	In the second Date block, enter the starting date in the Start date field.	For training purposes, type: 1589.
18.	Enter the end date in the End date block.	For training, leave this field blank.
19.	Type the headline for the date entry in the Headline field.	For training purposes, type: Stocking frame invented.
20.	Type the body for the date entry in the Body text field.	For training purposes, type: William Lee invented the stocking frame, the first hand-operated weft knitting machine.
21.	Click to expand the Asset field to add a thumbnail image.	
22.	Click + Add under Thumbnail to upload your image.	For training purposes, navigate to where you saved the files for this tutorial and Open Stocking_Frame.png
23.	Click Edit image to edit the photo, if necessary.	For this exercise, skip this step.
24.	Click Edit copyright to add copyright information, if necessary.	Because the images we use for training are in the public domain, there is no need to enter copyright information at this time.
25.	Scroll down and click the Add item button.	
26.	In the third Date block, enter the starting date in the Start date field.	For training purposes, type: 1745.
27.	Enter the end date in the End date block.	For training, leave this field blank.
28.	Type the headline for the date entry in the Headline field.	For training purposes, type: First fully automated loom.
29.	Type the body for the date entry in the Body text field.	For training purposes, type: Jacques Vaucanson in Lyon invented the first fully automated loom.
30.	Click to expand the Asset field to add a thumbnail image.	

Step	Action	Notes
31.	Click + Add under Thumbnail to upload your image.	For training purposes, navigate to where you saved the files for this tutorial and Open Loom.png
32.	Click Edit image to edit the photo, if necessary.	For this exercise, skip this step.
33.	Click Edit copyright to add copyright information, if necessary.	Because the images we use for training are in the public domain, there is no need to enter copyright information at this time.
34.	Scroll down and click the Add item button.	
35.	In the fourth Date block, enter the starting date in the Start date field.	For training purposes, type: 1764.
36.	Enter the end date in the End date block.	For training, leave this field blank.
37.	Type the headline for the date entry in the Headline field.	For training purposes, type: First spinning jenny.
38.	Type the body for the date entry in the Body text field.	For training purposes, type: James Hargreaves or Thomas Highs invented the spinning jenny (patented 1770).
39.	Click to expand the Asset field to add a thumbnail image.	
40.	Click + Add under Thumbnail to upload your image.	For training purposes, navigate to where you saved the files for this tutorial and Open Spinning_jenny.png
41.	Click Edit image to edit the photo, if necessary.	For training, skip this step.
42.	Click Edit copyright to add copyright information, if necessary.	Because the images we use for training are in the public domain, there is no need to enter copyright information at this time.
43.	Scroll down and click the Add item button.	
44.	In the fifth Date block, enter the starting date in the Start date field.	For training purposes, type: 1794.
45.	Enter the end date in the End date block.	For training, leave this field blank.
46.	Type the headline for the date entry in the Headline field.	For training purposes, type: Cotton gin patented by Eli Whitney.
47.	Type the body for the date entry in the Body text field.	For training, leave this field blank.

Step	Action	Notes
48.	Click to expand the Asset field to add a link to a YouTube video and a thumbnail image.	
49.	Copy and paste your link from YouTube into the Media field.	For training, use this link: https://youtu.be/JzHD7_dWEik
	IMPORTANT: When including a video or audio file, you may need to include a transcript to meet accessibility requirements. See the Additional Resources section of this tutorial for more information.	
50.	Click + Add under Thumbnail to upload your image.	For training purposes, navigate to where you saved the files for this tutorial and Open Cotton_gin.png
51.	Click Edit image to edit the photo, if necessary.	For training, skip this step.
52.	Click Edit copyright to add copyright information, if necessary.	Because the images we use for training are in the public domain, there is no need to enter copyright information at this time.
53.	Enter a caption for your media in the Caption field.	For training, type: Cotton Gin Cart Demonstration.
54.	Scroll down and click the Add item button.	
55.	In the sixth Date block, enter the starting date in the Start date field.	For training purposes, type: 1830.
56.	Enter the end date in the End date block.	For training, leave this field blank.
57.	Type the headline for the date entry in the Headline field.	For training purposes, type: First functional sewing machine.
58.	Type the body for the date entry in the Body text field.	For training, leave this field blank.
59.	Click to expand the Asset field to add a link to a YouTube video and a thumbnail image.	
60.	Copy and paste your link from YouTube into the Media field.	For training, use this link: https://youtu.be/thwNiSMM6I
61.	Click + Add under Thumbnail to upload your image.	For training purposes, navigate to where you saved the files for this tutorial and Open Sewing_machine.png

Step	Action	Notes
62.	Click Edit image to edit the photo, if necessary.	For training, skip this step.
63.	Click Edit copyright to add copyright information, if necessary.	Because the images we use for training are in the public domain, there is no need to enter copyright information at this time.
64.	Enter a caption for your media in the Caption field.	For training, type: Sewing Machine Demonstration.
65.	Click Save and display at the bottom of the screen when finished editing.	This step applies when using H5P content in a Moodle server, such as ctYOU.org. Saving may be different in other applications.

IMPORTANT: Be sure to test all of the multimedia elements you created for this tutorial. Once completed, you can use this H5P feature as a standalone, embed its iframe code in a webpage, or you can download it for use in another courses.

3. Additional Resources

To learn more about this topic, visit:

- <https://h5p.org/documentation/content-author-guide/tutorials-for-authors/timeline>
- <https://h5p.org/timeline>
- <https://timeline.knightlab.com/>
- <http://www.loc.gov/teachers/usingprimarysources/copyright.html>

Accessibility Requirements:

If you have included audio or video in this activity, visit the websites below for general information about accessibility requirements. See tutorial **12—Interactive Video** for a sample storyboard.

- <http://www.w3.org/2008/06/video-notes>
- <http://www.w3.org/WAI/intro/wcag>
- <https://www.digitalgov.gov/2013/06/26/making-multimedia-section-508-compliant-and-accessible/>

The Oklahoma Department of CareerTech offers many other free H5P tutorials, as well as an extensive series on how to use various Moodle plugins. Look for them on ctYOU.org.