

H5P Training Series:

20—Drag and Drop

In this tutorial, you will learn how to create an H5P Drag-and-Drop activity. 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.

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1. Overview of the Drag-and-Drop Content Type

The H5P Drag-and-Drop content type requires the learner to associate two or more elements and make logical connections in a visual way. Create drag-and-drop questions using both text and images as alternatives. H5P Drag-and-Drop questions support one-to-one, one-to-many, many-to-one and many-to-many relations between questions and answers.

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.

1. Adding a Drag-and-Drop Question

The following steps walk you through the process of adding a Drag-and-Drop question.

Step	Action	Notes
1.	In the Name field, type in a name for the H5P interaction.	For training purposes, type: Drag and Drop.
2.	In the Editor section, select Drag and Drop from the list of content types. When selecting this H5P activity for the first time, click the Use button.	The Drag and Drop editor should appear.
3.	Type a title for the question in The title of this question field.	For training, type: Drag and drop the correct term onto the image.
4.	Use the checkbox next to Show Title to either show or hide the title for the question.	For training, check this box.
5.	Click on the +Add button under Background image , if desired.	For training, we will not be uploading a background image.
6.	Specify how big the task area will be in the fields under Task size .	The fields indicate width × height. For training, change the values to 400 × 250.
7.	Click the Next Step: Task button, and then click the Image icon in the Task tool bar to add an image to the question.	
8.	Click +Add under Image . Browse to the desired image, select it, and then click the Open button.	For training purposes, navigate to the images you saved for this tutorial and open the blender.jpg file.
9.	Type in a brief but concise description of the image in the Alternative text field. This text appears if the browser fails to load the image and is read aloud to the visually impaired in special screen readers.	For training purposes, type: Blender.
10.	Click Done when finished.	Resize and move the image, if necessary.
11.	Click the Insert Drop zone icon (resembles a target) in the Task toolbar to add a drop zone.	
12.	Type a label for the drop zone under Label , and use the checkbox next to Show label to either show or hide the label.	For training, type, “Blender,” and uncheck the Show label box.

Step	Action	Notes
13.	Use the field under Background Opacity to set the drop zone at the desired transparency.	For training, set the background opacity to 0.
14.	Click Done when finished. Resize and move the drop zone so that it covers the image.	
15.	Click the Text icon in the Task toolbar to add text to the question.	
16.	Type your text into the Text field.	For training, type: Blender.
17.	Use the checkboxes under Select drop zones to indicate which drop zone this text field belongs to, if necessary.	For training, check the box for “Blender.”
18.	Click Done when finished. Resize and move the text field, as needed.	
19.	Click on the Text button to add text to the question.	
20.	Type your text into the Text field.	For training, type: Food processor.
21.	Use the checkboxes under Select drop zones to indicate which drop zone this text field belongs to, if necessary.	For training, check the box for “Blender.”
22.	Click Done when finished. Resize and move the text field, as needed.	
23.	Click on the Text button to add text to the question.	
24.	Type your text into the Text field.	For training, type: Free-standing mixer.
25.	Use the checkboxes under Select drop zones to indicate which drop zone this text field belongs to, as needed.	For training, check the box for “Blender.”
26.	Click Done when finished.	Resize and move the text field, if necessary.
27.	Click on the Text button to add text to the question.	
28.	Type your text into the Text field.	For training, type: Coffee maker.

Step	Action	Notes
29.	Use the checkboxes under Select drop zones to indicate which drop zone this text field belongs to, if necessary.	For training, check the box for “Blender.”
30.	Click Done when finished.	Resize and move the text field, if necessary.
31.	Click on the drop zone you added and click the pencil icon to edit it.	
32.	Use the checkboxes under Select correct elements to select which element corresponds with the drop zone.	For training, select “Blender.” Leave the others unchecked.
33.	Click Done when finished.	
34.	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.

2. Additional Resources

To learn more about the H5P Drag and Drop feature, visit:

- <https://h5p.org/drag-and-drop>
- <https://h5p.org/tutorial-drag-and-drop-question>
- <http://www.loc.gov/teachers/usingprimarysources/copyright.html>

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.