

## 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 <b>Name</b> field, type in a name for the H5P interaction.	For training purposes, type: Drag and Drop.
2.	In the <b>Editor</b> section, select <b>Drag and Drop</b> from the list of content types. When selecting this H5P activity for the first time, click the <b>Use</b> button.	The Drag and Drop editor should appear.
3.	Type a title for the question in <b>The title of this question</b> field.	For training, type: Drag and drop the correct term onto the image.
4.	Use the checkbox next to <b>Show Title</b> to either show or hide the title for the question.	For training, check this box.
5.	Click on the <b>+Add</b> button under <b>Background image</b> , 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 <b>Task size</b> .	The fields indicate width × height. For training, change the values to 400 × 250.
7.	Click the <b>Next Step: Task</b> button, and then click the <b>Image</b> icon in the <b>Task</b> tool bar to add an image to the question.	
8.	Click <b>+Add</b> under <b>Image</b> . Browse to the desired image, select it, and then click the <b>Open</b> 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 <b>Alternative text</b> 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 <b>Done</b> when finished.	Resize and move the image, if necessary.
11.	Click the <b>Insert Drop zone</b> icon (resembles a target) in the <b>Task</b> toolbar to add a drop zone.	
12.	Type a label for the drop zone under <b>Label</b> , and use the checkbox next to <b>Show label</b> to either show or hide the label.	For training, type, “Blender,” and <b>uncheck</b> the <b>Show label</b> box.

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

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