

H5P Training Series:

7—Find Multiple Hotspots

In this tutorial, you will learn how to create an H5P Find Multiple Hotspots activity. Before beginning this tutorial, please download the zipped file that accompanies it. You will need to use an additional file 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 Find Multiple Hotspots Content Type

The H5P Find Multiple Hotspots content type allows you to create an image-based quiz in which the learner must locate multiple correct spots on an image. The author defines hotspots as either correct or incorrect. Learners click areas of an image and receive feedback for their response.

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 Find Multiple Hotspots Activity

The following steps walk you through the process of adding a Find Multiple Hotspots activity with five correct hotspots:

Step	Action	Notes
1.	In the Name field, type in a name for the H5P interaction.	For training purposes, type: Find Multiple Hotspots.
2.	Select Create option for H5P and choose Find Multiple Hotspots from the list of content types. When selecting this H5P activity for the first time, click the Use button.	The editor should appear.
3.	Type a title for the question into The title of this question field.	For training purposes, type: Identify the raspberries, green apples, and yellow squash.
4.	Click + Add under Background image to upload your photo.	For training purposes, navigate to where you saved the files for this tutorial and Open fruits-and-vegetables.jpg
5.	Click Edit image to edit the photo, if necessary.	For training, 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.	Click on the 2. Hotspots tab to add a task description and the hotspots.	
8.	Type instructions into the Task description field.	For training purposes, type: Can you find the raspberries, green apples, and yellow squash?
9.	Enter what the user is trying to find into the Hotspot Name field.	For training, skip this step.
10.	Enter the appropriate number into the Number of correct hotspots that need to be found for question completion field.	For training, skip this step.
11.	In the Hotspots field, click on either the circle button or the square button to create a hotspot.	The circle button will create a circular or oval area for the hotspot, and the square button will create a rectangular hotspot. For training, click on the square button.

Step	Action	Notes
12.	In the field that appears, use the checkbox to indicate if the hotspot is the correct answer or not, and type feedback into the Feedback field. When finished, click Done .	For training purposes, mark the hotspot as correct, and type, "Correct! You have found the raspberries!" into the feedback field.
13.	Reposition and resize the hotspot (outlined with a dashed line) to cover the appropriate area on the image.	For training, reposition and resize the area to cover the raspberries.
14.	In the Hotspots field, click on either the circle button or the square button to create a hotspot.	The circle button will create a circular or oval area for the hotspot, and the square button will create a rectangular hotspot. For training, click on the circle button.
15.	In the field that appears, use the checkbox to indicate if the hotspot is the correct answer or not, and type feedback into the Feedback field. When finished, click Done .	For training purposes, mark the hotspot as correct, and type, "Correct! You have found the green apples!" into the feedback field.
16.	Reposition and resize the hotspot (outlined with a dashed line) to cover the appropriate area on the image.	For training, reposition and resize the area to cover one of the green apples. Note: Repeat steps 14-16 to cover both green apples in the photo.
17.	In the Hotspots field, click on either the circle button or the square button to create a hotspot.	The circle button will create a circular or oval area for the hotspot, and the square button will create a rectangular hotspot. For training, click on the square button.
18.	In the field that appears, use the checkbox to indicate if the hotspot is the correct answer or not, and type feedback into the Feedback field. When finished, click Done .	For training purposes, mark the hotspot as correct, and type, "Correct! You have found the yellow squash!" into the feedback field.
19.	Reposition and resize the hotspot (outlined with a dashed line) to cover the appropriate area on the image.	For training, reposition and resize the area to cover one of the yellow squash. Note: Repeat steps 17-19 to cover both green apples in the photo.
20.	Type a line of feedback into the Feedback if the user selects an empty spot field.	Usually, you will use this feedback for an incorrect answer. Typing something along the lines of, "Sorry! Try again!" is likely your best bet. For training, type: You did not locate all of the raspberries, green apples, and yellow squash! Try again!

Step	Action	Notes
21.	Type a line of feedback into the Feedback if the user selects an already found hotspot field.	For training, type: You have already found this food!
22.	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/find-multiple-hotspots>
- <https://h5p.org/tutorial-image-hotspots>
- <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.