Image Hotspot Question Tutorial

Tutorial for Creating an Image Hotspot Question Interactive in the Texas Gateway

Introduction

The Image Hotspot Question interactive uses an image to quiz the learner about a given topic. Learners are presented with a question or task and must respond by clicking on the section(s) of the image that correctly correspond to the task description.

In this tutorial, you will learn how to create an Image Hotspot Question interactive within the Gateway. Here's the interactive we'll create:
http://projectsharetexas.org/resource/image-hotspot-question-tutorial

Step 1: Inserting the Interactive Editor

You can add interactive content to a resource using the same process you would use to add other content types (HTML, video, and audio). While in the content page you would like to add the interactive to, click the **Insert** button under the **Add Content** section. Then select **Interactive** from the dropdown.

Create & Edit Content Pages
(Content Pages appear in the Content Page(s) column at left after being added)

→ BACK TO STEP ONE

1. Edit Content Page Details

Content Title * Introduction
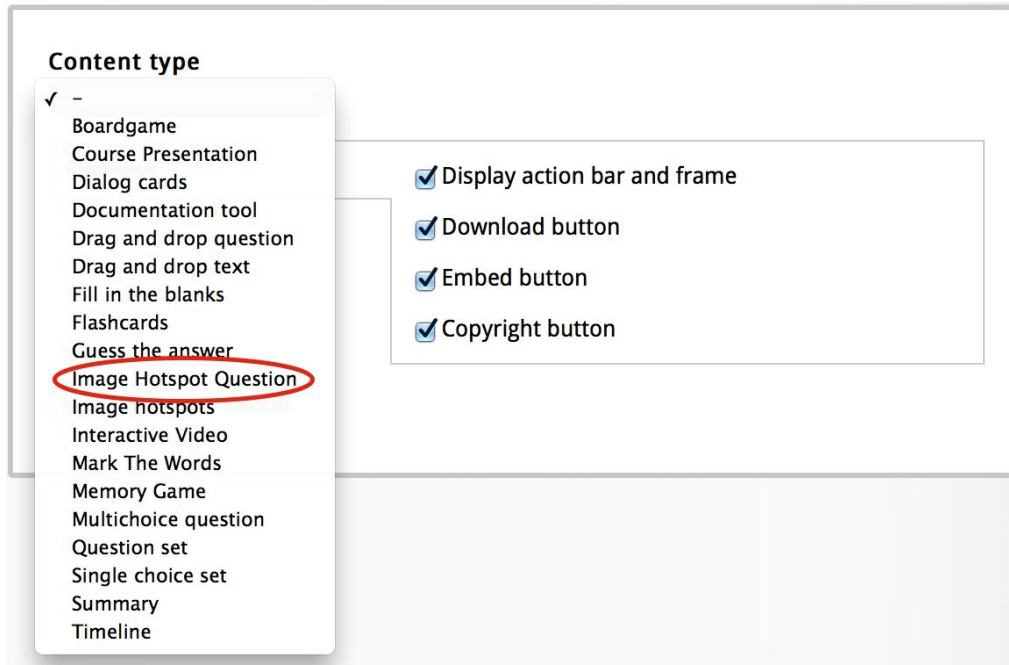
Language English

→ UPDATE CONTENT INFORMATION

2. Add Content - HTML, Videos, Audio & Interactive
(Insert subcontent to create content pages)

No Subcontent exists.

INSERT ▼

HTML
VIDEO
AUDIO
INTERACTIVE

In the dropdown under **Content type**, choose **Image Hotspot Question**.

The interactive editor will appear. Follow the steps in the editor.

Step 2: Adding a Background Image

The Image Hotspot Question editor consists of a background image and a set of hotspots.

For this tutorial, we will create an Image Hotspot Question that asks the learner to identify the Texas Panhandle on a map of Texas.

First, add the title of the interactive under **The title of this question**. An example title is automatically entered into this field. Delete this default text and add the following in its place: *Texas Panhandle Image Hotspot Question*

Choose a map of Texas to upload as the **Background image**. This is the image used in the example:
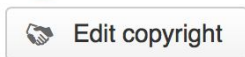https://commons.wikimedia.org/wiki/File:TexasRegions2.png

Click on the green plus sign to upload the image file you've chosen. Once you've added the image, be sure to enter all of the necessary copyright information. Click on the **Edit copyright** button beneath the image and enter the information needed to properly cite the image (Title, Author, Year, Source, License).

1. Background image		2. Hotspots

The title of this question

Texas Panhandle Image Hotspot Question

Used in summaries, statistics etc.

Background image

Title

TexasRegions2

Author

Troy34

Year(s)

1503 – 1517

Source

https://commons.wikimedia.org/wiki/File:TexasReg

License

Attribution–ShareAlike

Step 3: Creating the Hotspots

Click the **Hotspots** tab in the top right half of the editor to start creating the hotspots.

The **Task description** can be used to provide a question or prompt that the learner will respond to in the interactive activity. Add the following question in the **Task description** field: *Which region is known as the Texas Panhandle?*

Hotspots are sections in the image that the learner can click on to answer the question or prompt provided. Hotspots can either be defined as correct or incorrect, and you can provide appropriate feedback to the learner in both cases.
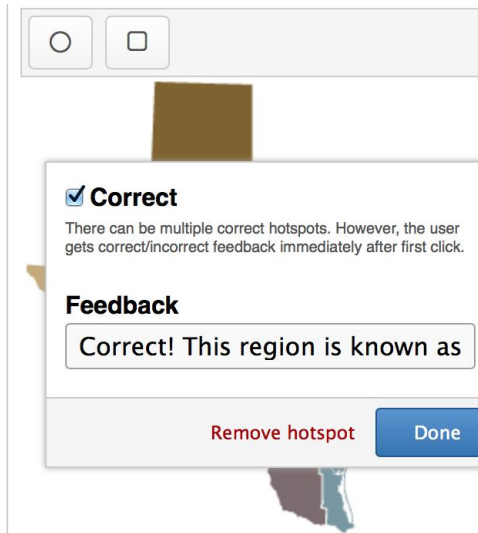
To add a hotspot, you can click either the circle or rectangle button in the toolbar, depending on the shape of the section you are defining in the image. For this example, we'll start by selecting the rectangle to create a rectangular hotspot.

When you click on the rectangle button, a popup will appear for you to fill out information related to the hotspot. We'll create this first hotspot for the Texas Panhandle region. Since this hotspot will mark the area in the image that correctly answers the task description, check the **Correct** checkbox. For **Feedback**, type the following: *Correct! This region is known as the Texas Panhandle.* This feedback will show up immediately after the learner clicks on the hotspot. Press **Done**.

You will now see a semi-transparent rectangle placed over the background image. Move and resize the hotspot so that it is placed over the Texas Panhandle (this is the northernmost, rectangular section of Texas). You move the hotspot by pressing and dragging it to where you want it placed. You resize the hotspot by pressing the the lower right corner of the hotspot and dragging up/down or left/right to scale the rectangle to the right proportions.
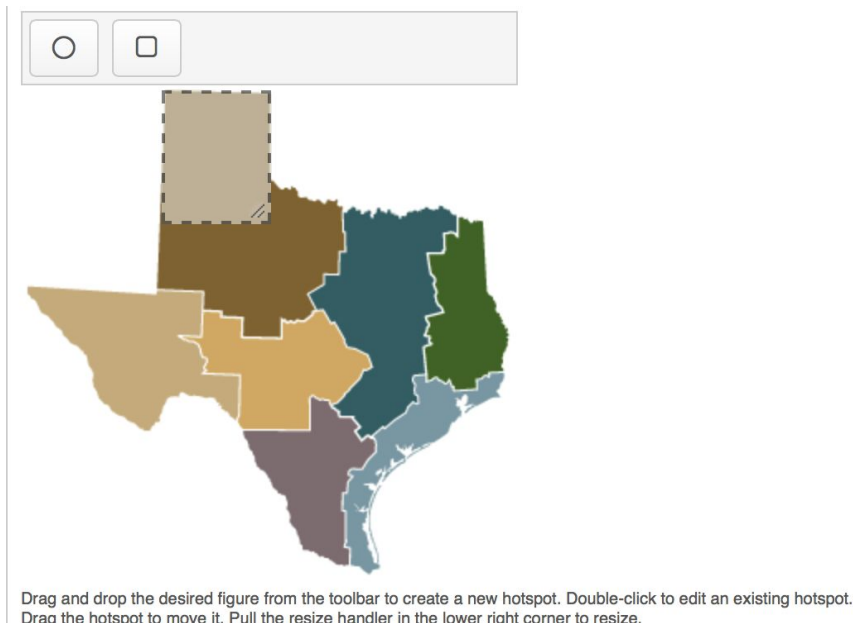
Now we'll add a few incorrect hotspots. Click on the rectangle button to insert a second rectangular hotspot. This time, leave the **Correct** checkbox unchecked as this hotspot will define an area that is not the Texas Panhandle region. Under **Feedback**, type the

following: *Incorrect. This is not the Panhandle.* After pressing **Done**, move and resize the hotspot so that it covers the westernmost section of Texas.

Follow these same steps to place a third hotspot over the southernmost section of Texas.

Finally, add one more hotspot. This time, click the circle button to create a circular hotspot. Place this hotspot over the easternmost section.

There is no limit to the number of hotspots you can add (as long as there are enough space to fit them all on your image). You can double-click a hotspot to edit it at any time, and you can click **Remove hotspot** in the popup if you ever have to delete a hotspot.

Note that there are several areas of the image that are not covered by a hotspot. Under **Feedback if the user selects an empty spot**, insert the following text: *Try again!* This will ensure that the learner will get feedback even if he does not click on a designated hotspot.

Step 4: Adjusting Settings

The Image Hotspot Question editor provides options for adjusting the interactive's settings.

You can use checkboxes under **Options** to manage the actions that users have access to. The action bar includes buttons that allow users to download the interactive, access the embed code, and view copyright information. If you do not want to provide access to these buttons (or to the entire action bar), uncheck the boxes accordingly.

Options	☑ Display action bar and frame
Publishing options Published	☑ Download button
	☑ Embed button
	☑ Copyright button

Save & Preview   Cancel

Step 5: Completing the Interactive

Once you have finished all of the steps above, be sure to click the **Save & Preview** button. You should now have the same interactive as the example:
http://projectsharetexas.org/resource/image-hotspot-question-tutorial