

H5P: How to create an Image Hotspots

You can use Image hotspots to create an image with interactive hotspots. When the student presses a hotspot, a popup containing text and/or multimedia will appear.

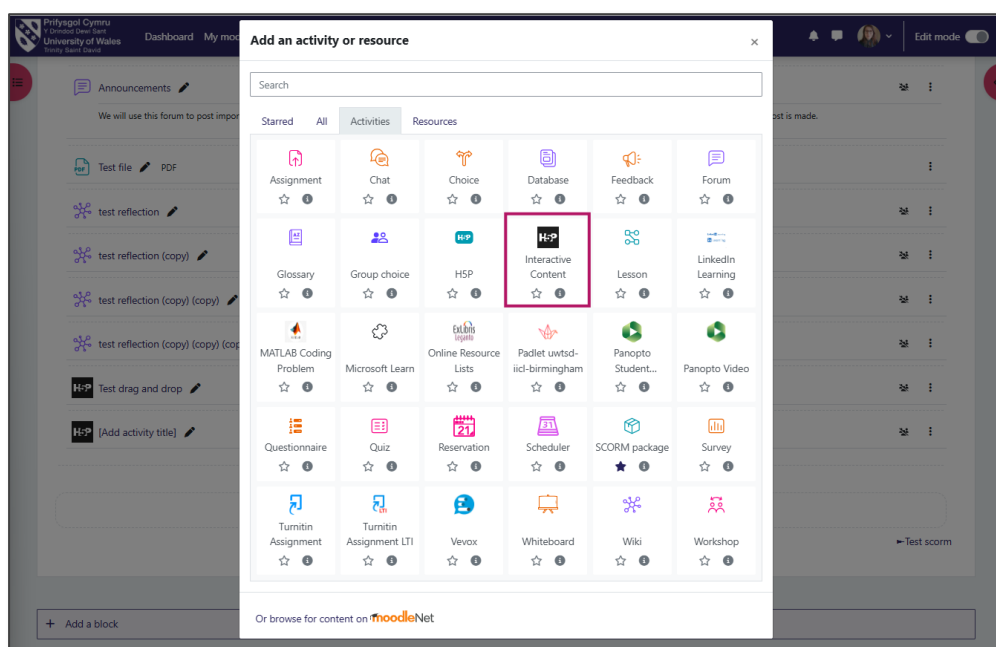
This guide was adapted from [Image Hotspots Tutorial](#), licensed under [CC BY 4.0](#).

Locating images

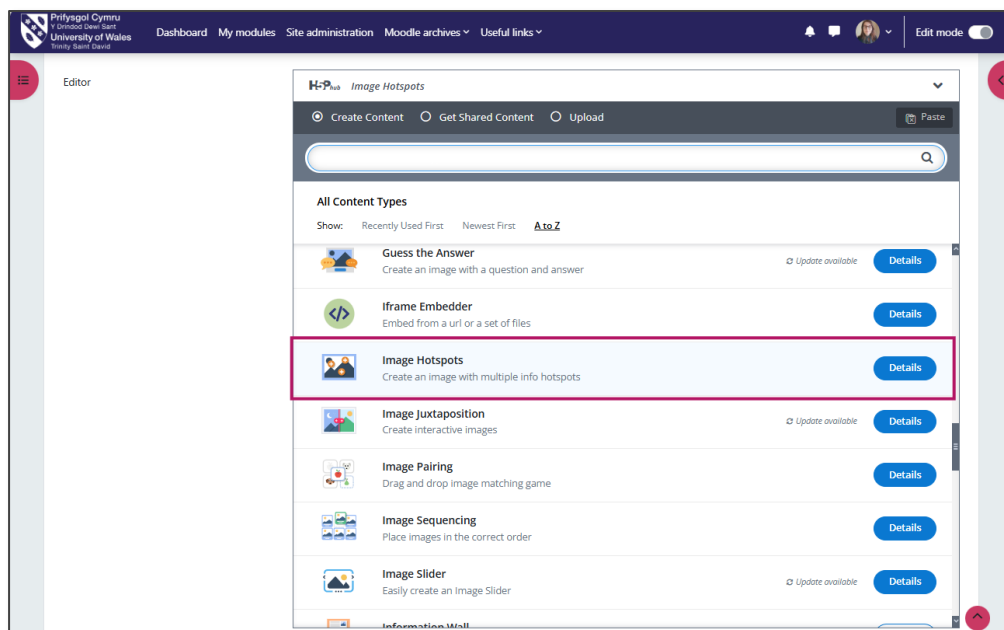
Ensure you are copyright compliant when using images for your teaching. You can find more information on the Copyright Hub: [Copyright for Staff](#)

Step 1: Add Image Hotspots activity

1. In Moodle, with **Edit mode** on, add **H5P Interactive Content**.



2. From the list of content types, select **Image Hotspots**. The editor will appear.

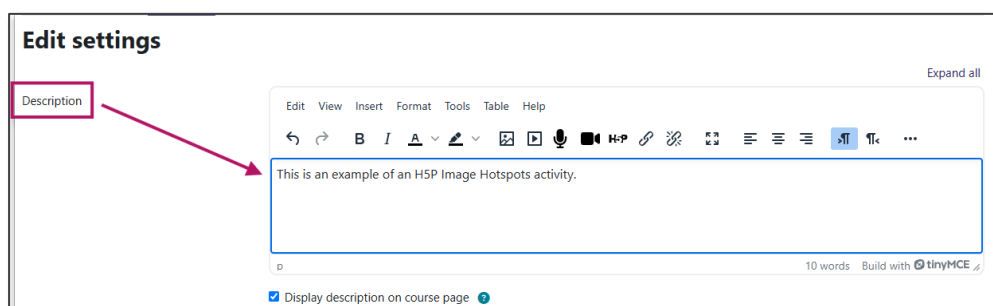


Step 2: Add an activity title and description

1. Add a title for your activity in the **Title** field. This will be visible to students, so make sure that it's clear and adequately describes the activity.



2. Add a short activity description in the **Description** field (this is at the top of the page, just above the H5P editor), to help students understand what the activity is about and provide scaffolding. Tick **Display description on course page** so that students can see it before they click on it.



Step 3: Add a background image

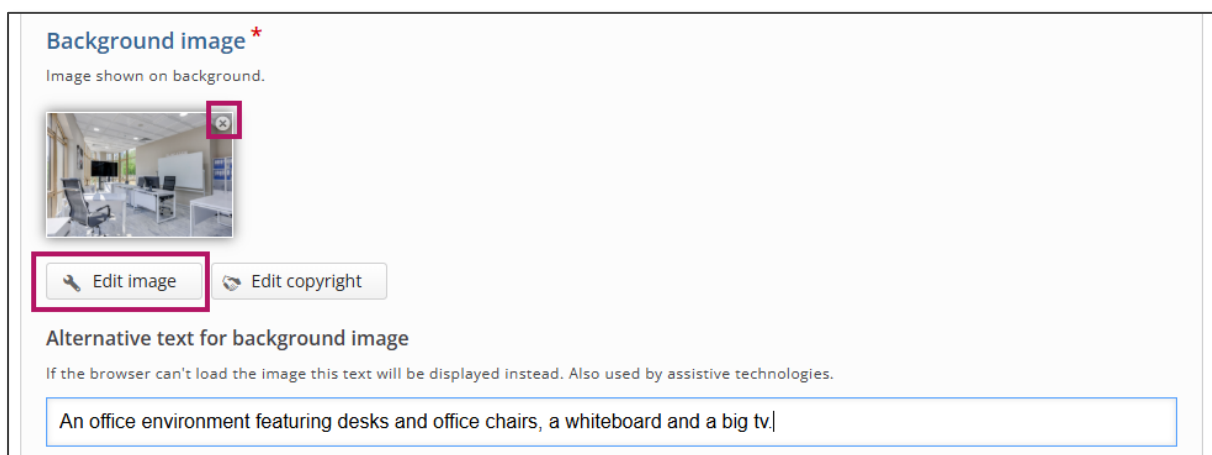
Select **Add** to insert the background image: this is the image over which the clickable hotposts will be placed. Choose a high quality image that doesn't look blurry or pixelated.

Remember to add alternative text, to support accessibility.



The screenshot shows a form titled "Background image" with a red asterisk. Below the title is the text "Image shown on background." There is a button with a green plus icon and the word "Add". Below this is the section "Alternative text for background image" with the subtext "If the browser can't load the image this text will be displayed instead. Also used by assistive technologies." A text input field is provided for the alternative text.

Once you add an image, you can crop it or rotate it by selecting **Edit image**. If you want to remove the image, select the **x** in the image top right corner.



The screenshot shows the same form as before, but now it contains an image of an office environment. A small 'x' icon in the top right corner of the image is highlighted with a red box. Below the image are two buttons: "Edit image" (with a crop icon) and "Edit copyright" (with a copyright icon). The "Alternative text for background image" section now contains the text "An office environment featuring desks and office chairs, a whiteboard and a big tv." in the input field.

Step 4: Check hotspot icons and colour

This setting allows you to customise the icon and colour of the hotspot button. Generally, you can leave the default settings.

Hotspot Icon *

Predefined icon ▼

Predefined icon *

Using a predefined icon for the hotspot.

Plus ▼

Hotspot color

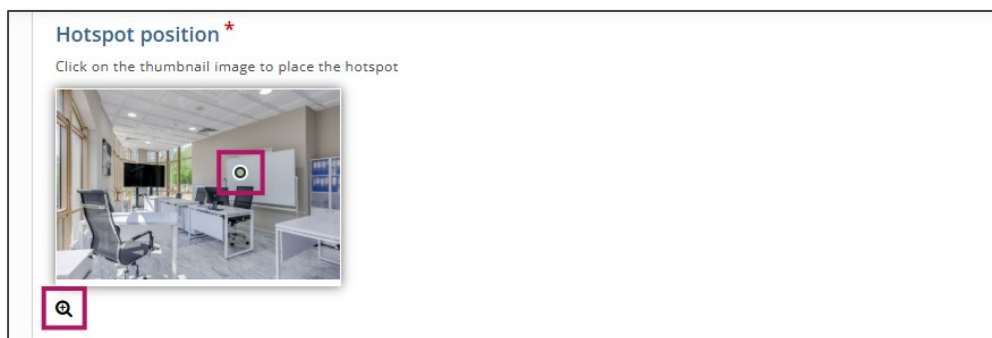
The color of the hotspots

▼

Step 4: Add the hotspots

The last step is to add the hotspots and their content.

1. Click anywhere on the image where you want to set a hotspot. The green circle will move to indicate its position. To reposition the hotspot, click again on a different place on the image. You can enlarge the image by selecting the magnifying lens icon.



2. Add a header: this is the title of the hotspot. Give it a clear and descriptive name.

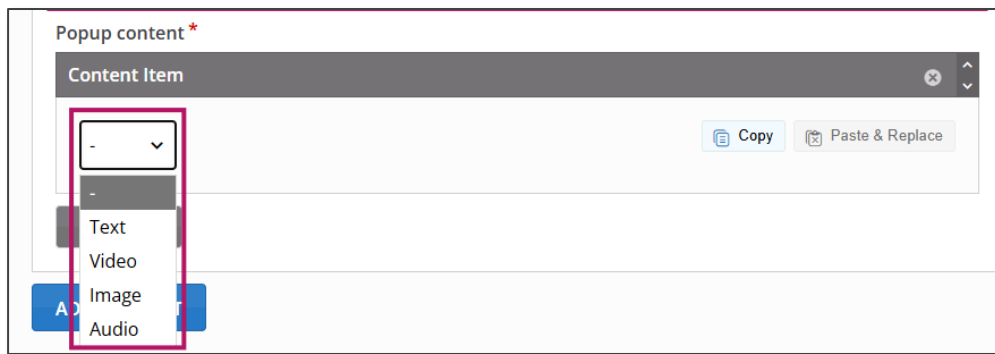
Header

Optional header for the popup. This is used by assistive technologies.

Whiteboard

3. Under **Popup content**, you add the content you want to be displayed when learners click the hotspot. This can be text, image, audio, video, or a combination of them. Select the type of content you want from the drop down

menu:



- a. **Text:** input the text into the textbox.
- b. **Video:** Add the title of you video in the **Title** field. Then select the plus sign under **Video sources** to add a video. We recommend embedding videos (for example, from Panopto or YouTube) rather than uploading a video file. This makes accessibility easier to manage, as captions created in the video hosting platofrm are automatically carried over when the video is embedded. If you upload a video file directly, you'll need to upload and maintain the caption file separately.

A screenshot of a 'Video' configuration dialog box. At the top, there's a 'Video' dropdown menu. Below it, the 'Title' field is highlighted with a red box; it has a 'Metadata' link and a description: 'Used for searching, reports and copyright information'. The text 'Team building activities' is entered in the title field. Below the title field is the 'Video sources' section, which has a description: 'To ensure that the video works in all browsers you should add both WebM and MP4 formatted sources.' This section is divided into two options: 'Upload video file' (with a dashed box icon) and 'Paste YouTube link or other video source URL' (with a red play button icon). The 'Paste YouTube link...' option is highlighted with a red box and contains a text input field with the placeholder 'Enter video URL'. At the bottom right are 'Insert' and 'Cancel' buttons. The dialog has a close button (X) and a refresh button (circular arrow) in the top right corner.

- c. **Image:** Select **Add** to upload your image. Add alternative text or mark the as decorative.



Image * Metadata

+ Add

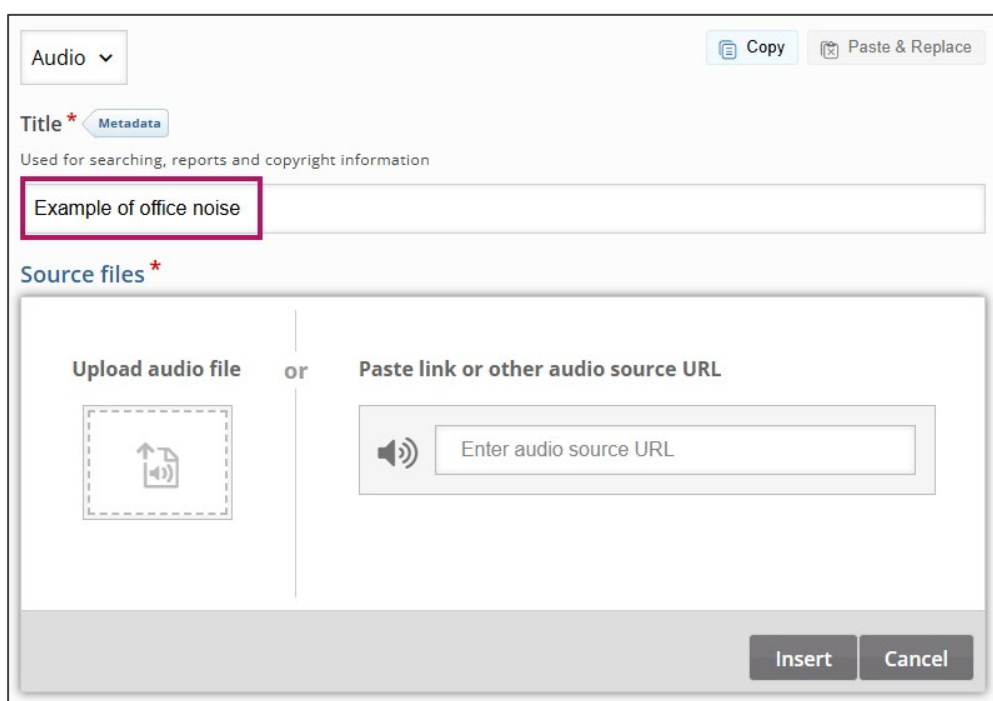
☐ Decorative only

Enable this option if the image is purely decorative and does not add any information to the content on the page. It will be ignored by screen readers and not given any alternative text.

Alternative text *

Required. If the browser can't load the image this text will be displayed instead. Also used by "text-to-speech" readers.

- d. **Audio:** Add the title of you audio in the **Title** field. Then select the plus sign under **Source files**: here you can upload an audio file or a link.



Audio ▾ Copy Paste & Replace

Title * Metadata

Used for searching, reports and copyright information

Example of office noise

Source files *

Upload audio file or Paste link or other audio source URL

Enter audio source URL

Insert Cancel

Change the **Player mode** to **Full** and ensure that **Enable controls** is ticked.



Player mode *

Select the layout of the player.

Full ▾

☐ Fit to wrapper

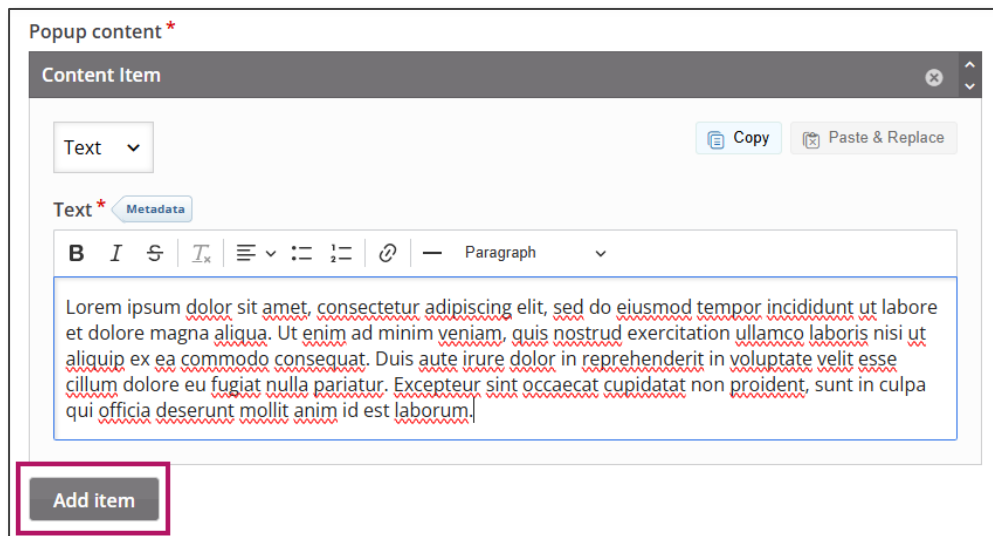
☒ Enable controls

Controls allow the user to for instance pause the audio

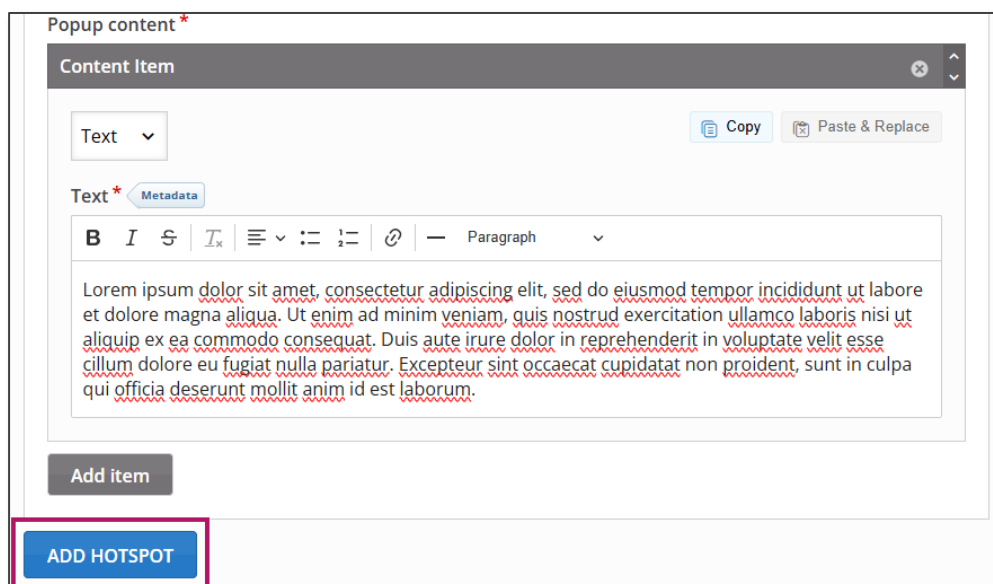
☐ Enable autoplay

With autoplay the audio starts to play immediately. Do note that this is not supported by all browsers

4. To combine more elements (e.g. text followed a video), insert the first one and then select **Add item** to add more content.



5. To add another hotspot, select **Add hotspot**.



Step 5: Save and preview

We recommend you save and preview your work frequently, to ensure the activity work as expected. To do that, select **Save and display**.

