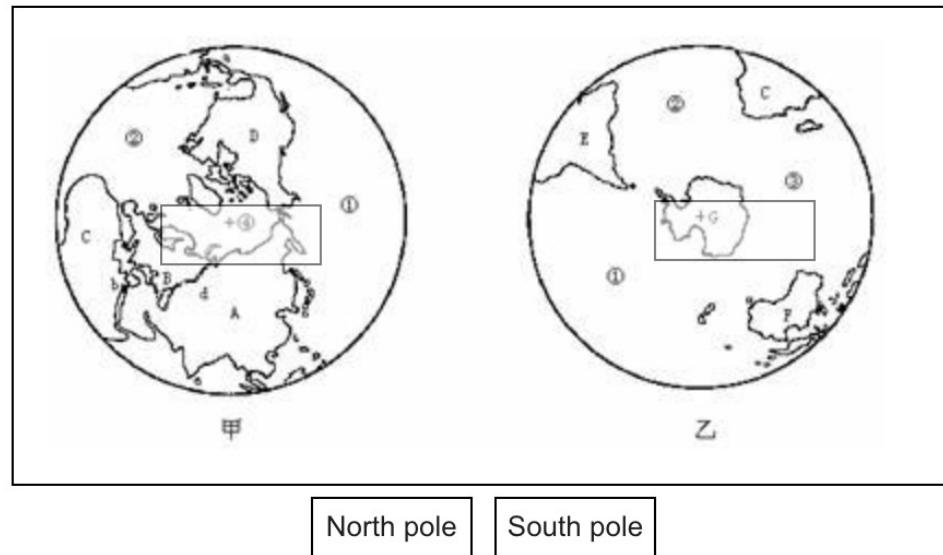


# Drag and drop onto image



An example of Drag and drop onto image question type

## Overview:

This guide will show you how to create a Drag and drop onto image question type. It allows students to drag words, images or both from a list and drop them into pre-defined gaps on a base image.

## What to know:

The drag and drop to image questions type need to define the drop zone which will be visible to students.

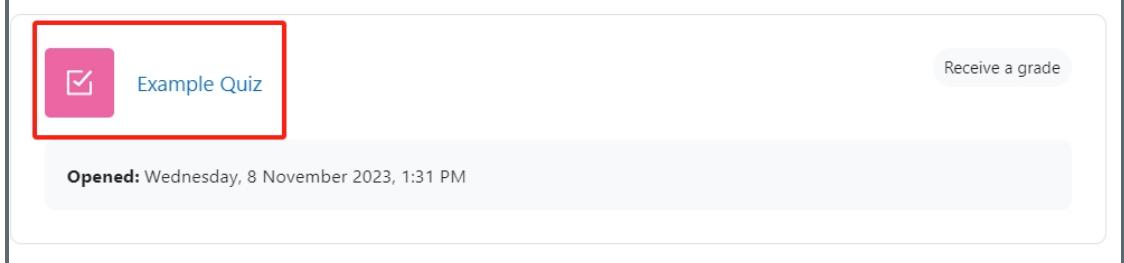
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### Step 1: Access the Quiz activity where you want to create the question

In your module area/course, click the link of the Quiz activity where you want to create a new Multiple Choice question.

## ▼ Topic 5

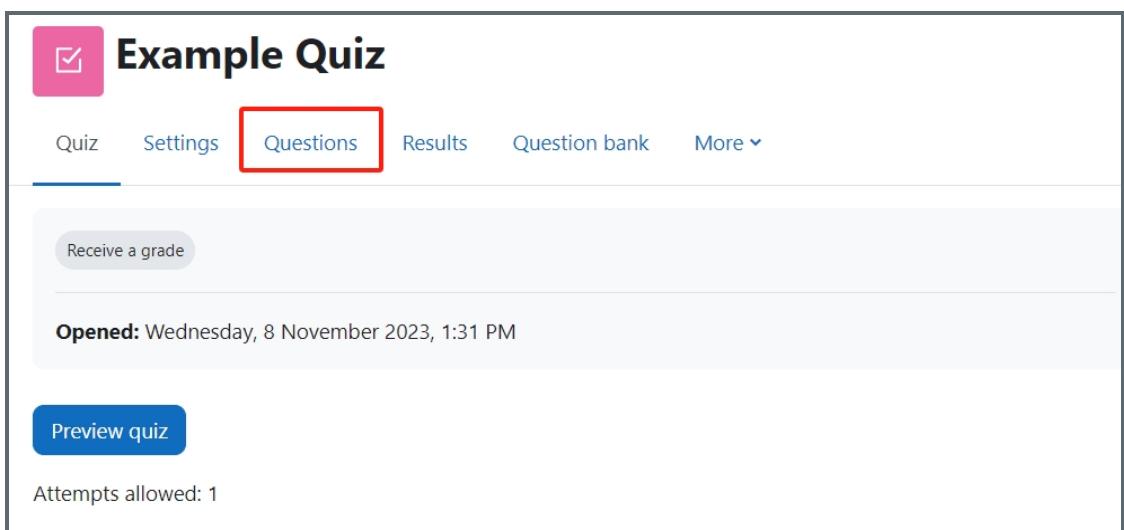


The screenshot shows a Moodle topic page for 'Topic 5'. On the left, there is a box for 'Example Quiz' with a pink checkmark icon and the text 'Example Quiz'. To the right of the box is a 'Receive a grade' button. Below the box, the text 'Opened: Wednesday, 8 November 2023, 1:31 PM' is displayed. The entire box is highlighted with a red border.

Note: If an appropriate Quiz activity doesn't exist in your module area/course, please see [Add a Quiz](#) for details of how to create one.

### Step 2: Click the 'Questions' tab.

1. Click the 'Questions' tab.



The screenshot shows the 'Example Quiz' page. At the top, there is a pink checkmark icon and the text 'Example Quiz'. Below the icon are several tabs: 'Quiz' (underlined in blue), 'Settings', 'Questions' (which is highlighted with a red border), 'Results', 'Question bank', and 'More ▾'. To the right of the tabs is a 'Receive a grade' button. Below the tabs, the text 'Opened: Wednesday, 8 November 2023, 1:31 PM' is displayed. At the bottom of the page is a blue 'Preview quiz' button and the text 'Attempts allowed: 1'.

### Step 3: Add a new question

1. On the following page, click the 'Add' link.
2. Click the 'a new question' link in the drop-down menu.



## Questions

Questions: 1 | This quiz is open

Maximum grade

Save

Repaginate

Select multiple items

Total of marks: 1.00



Page 1

1 The Loch Ness Monster is a type of? The Loch Ness Monster ...

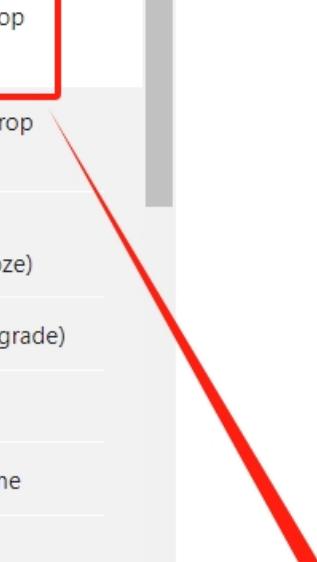
Shuffle ?

### Step 4: Choose a question type

1. Locate and select the Drag and drop onto image question type from the pop-up window.
2. Click the 'Add' button.

### Choose a question type to add

<input type="radio"/> Calculated simple	Images or text labels are dragged and dropped into drop zones on a background image.
<input type="radio"/> CodeRunner	
<input type="radio"/> Drag and drop into text	Note: This question type is not accessible to users who are visually impaired.
<input type="radio"/> Drag and drop markers	
<input checked="" type="radio"/> Drag and drop onto image	
<input type="radio"/> Drag-and-Drop Matching	
<input type="radio"/> Embedded answers (Cloze)	
<input type="radio"/> Essay (auto-grade)	
<input type="radio"/> Gapfill	
<input type="radio"/> Matrix/Kprime	
<input type="radio"/> Ordering	



## Step 5: General settings

Set the general information of the question by:

The screenshot shows the 'General' settings page. It includes fields for 'Category' (set to 'Default for Chenhui's Test Module (1)'), 'Question name' (empty with a warning icon), 'Question text' (empty with a warning icon, featuring a rich text editor toolbar), 'Question status' (set to 'Ready'), and 'Default mark' (set to '1'). A 'Words:0' counter is visible at the bottom of the text area.

Category: Where you want the question to be saved.

Question name: It will be shown when you are searching the questions in question bank, but students can't see the question name.

Question text: Put the question description here to let students know what to do.

Default mark: Please set the default mark as 1. We can change the marks later when you are editing the whole quiz.

The screenshot shows the 'General feedback' page. It includes a 'General feedback' text area (empty with a warning icon, featuring a rich text editor toolbar) and an 'ID number' field (empty with a question mark icon).

General feedback: General feedback is shown to the student after they have completed the question. Unlike specific feedback, which depends on the question type and what response the student gave, the same general feedback text is shown to all students. You can use the general feedback to give students a fully worked answer and perhaps a link to more information they can use if they did not understand the questions.

ID number: If used, the ID number must be unique within each question category. It provides another way of identifying a question which is sometimes useful, but can usually be left blank.

## Step 6: Preview

This the place where you can upload the background image and preview the layout of the question when you are editing the drop zone:

## ▼ Preview

Select a background image file, enter text labels for markers and define the drop zones on the background image to which they must be dragged.

[Refresh preview](#)

Background image

Choose a file...



You can drag and drop files here to add them.

Accepted file types:

- Image (GIF) .gif
- Image (JPEG) .jpe .jpeg .jpg
- Image (PNG) .png
- Image (SVG+XML) .svg .svgz

Upload the background image: Click the button "Choose a file" or drag the image to the blue dotted area to upload the image.

## Step 7: Draggable items

1. Set the answers/draggable items for the question:

### ▼ Draggable items

Shuffle drag items each time question is attempted

Draggable item 1

Type **Draggable text** Group A  Unlimited

Choose  
**Draggable text**



You can drag and drop files here to add them.

Accepted file types:

- Image (GIF) .gif
- Image (JPEG) .jpe .jpeg .jpg
- Image (PNG) .png
- Image (SVG+XML) .svg .svgz

Text

North pole

Shuffle drag items each time question is attempted: You can enable/disable the function of shuffle.

Draggable item type: Select text or image you will use as the draggable item in this question.

Group: Items in different groups will be in a new list.

Unlimited: If it is enabled, it means students can drag the same item for unlimited times to different zone.

Choose file/drag a file: Upload image if you are using image as the draggable item.

Text: Put the text in for the item, if you are using the text as the draggable item.

2. Click the button below to add more items:

Blanks for 3 more choices

## Step 8: Drop zones

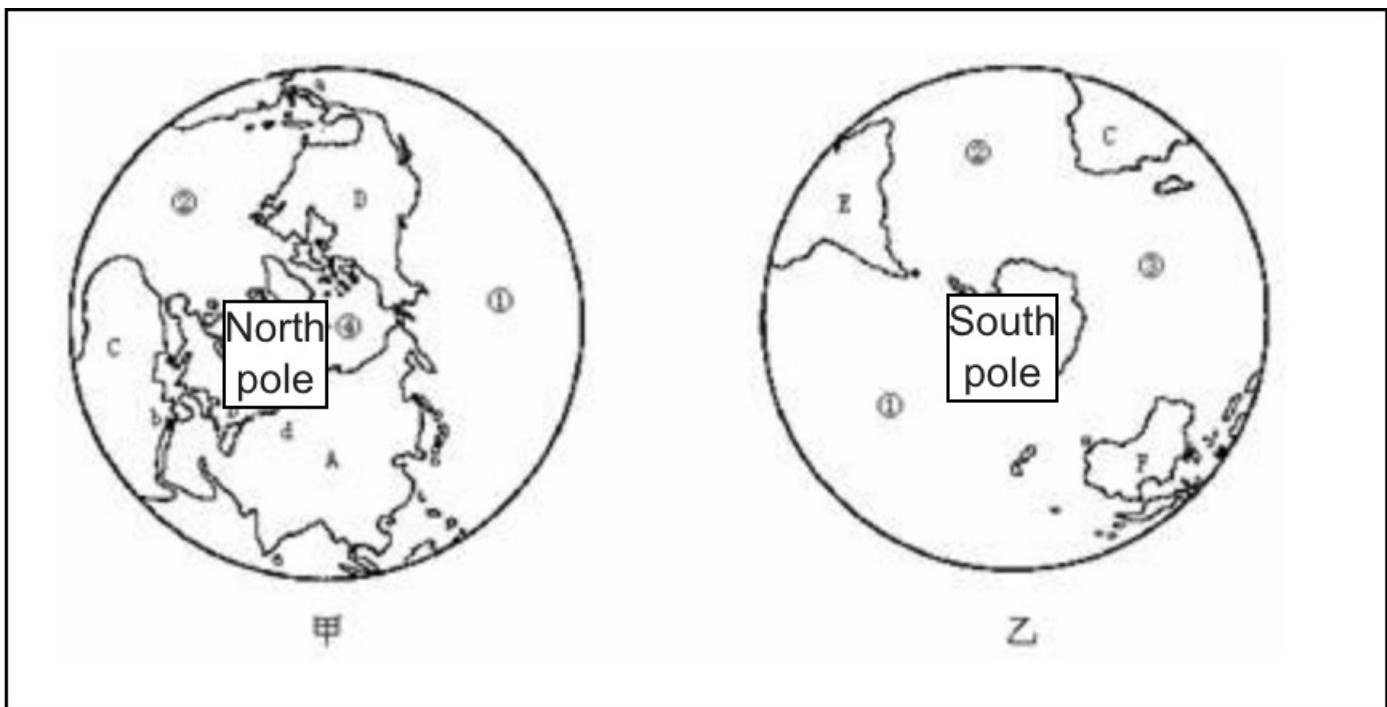
This is the place where you can upload the background image and preview the layout of the question when you are editing the drop zone.

1. Select the Draggable item for each Drop zone:

**▼ Drop zones**

Drop zone 1	Left: 68	Top: 91	Draggable item: 1. North pole	Text: <input type="text"/>
Drop zone 2	Left: 294	Top: 89	Draggable item: 2. South pole	Text: <input type="text"/>

2. Go up background image, move the items to the correct area (The coordinates of drop zone will be auto updated based on your move in this step):



## Step 9: Combined feedback (Optional)

Set the combined feedback for the question which will be shown as the feedback according to students' grade of this question by:

**▼ Combined feedback**

For any correct response

Your answer is correct.

For any partially correct response

Your answer is partially correct.

Options

Show the number of correct responses once the question has finished

For any incorrect response

Your answer is incorrect.

## Step 10: Multiple tries

When questions are run using the '*Interactive with multiple tries*' or '*Adaptive mode*' behaviour, so that the student will have several tries to get the question right, then this option will be useful to control how much they are penalised and what hint you will receive for each incorrect try :

Penalty for each incorrect try: 33.333333%

Penalty for each incorrect try:

The penalty is a proportion of the total question grade, so if the question is worth three marks, and the penalty is 0.3333333, then the student will score 3 if they get the question right first time, 2 if they get it right second try, and 1 if they get it right on the third try.

For some multi-part questions this scoring logic is applied separately to each part of the question. The details depend on the question type and can be complicated, but the principle is to give students credit for the knowledge they have demonstrated as fairly as possible.

Hint: It is the message you want the students to see when they are wrong, it will help them to select the right answer in the next attempt. You can create more than one hints according to the attempts the quiz allowed.

Hint options: There are some options of automatic response, such as clear incorrect responses and show the number of correct response.

## Step 11: Tags (Optional)

If you are using tags, you can easily search for the question by the tag in the question bank.

Tags

Any tags

Search ▼

## Step 12: Save changes

Please click the "drag and drop onto image" or "Save changes" to save your changes.

Save changes and continue editing

Save changes

Cancel

Tips: You can also preview the questions by clicking:



Online URL: <https://knowledgebase.xjtu.edu.cn/article/drag-and-drop-onto-image-30.html>