

How do I create a Hot Spot question in New Quizzes?

When [creating a quiz](#), you can create a Hot Spot question in New Quizzes. Hot Spot questions allow teachers to upload images and have their students identify a specific area in that image.

The following image types can be used for Hot Spot questions:

- BMP
- GIF
- JPG/JPEG
- PNG

You can also [duplicate Hot Spot questions](#) to create a new question.

Notes:

- Hot spot questions are not accessible for users who require keyboard-only access or screen readers.
- You can use keyboard shortcuts to move, resize, and manage multiple Hot Spot shapes. To view the list of Hot Spot Controls and Shortcuts while creating the quiz, press the **I** key. To close it, press the **Esc** or **C** key. Make sure that no input field is selected to use these controls and shortcuts.

Add Question

Add Question

To create a question, click the **Add** button anywhere in the quiz.

Add Hot Spot Question

Add Hot Spot Question

Click the **Add Hot Spot** button.

Add Question Title and Stem

Add Question Title and Stem

In the **Question Title** field [1], add a question title. Question titles are optional and are not visible to students.

In the **Question Stem** field [2], add the question stem. The question stem contains the question and, if necessary, additional instructions and information. You can [use the Rich Content Editor](#) to format and add content to your question stem.

Upload Image

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To upload an image for the Hot Spot question, drag and drop the image [1]. You can also select a file by clicking the **Browse** link [2] or pressing the **B** key.

Draw Hot Spot

Draw Hot Spot

You can use one of three shapes to draw the Hot Spot: square [1], circle [2], and polygon [3]. Additionally, you can define multiple correct hotspot areas and select multiple areas for hotspot quiz questions [4]. Questions created before this change can also be edited to support multiple hotspots.

To delete a Hot Spot and create a new one, click a shape tool or the image. You can also press the **Backspace** or **Delete** key, then create a new Hot Spot.

Notes:

- Autograding will assess the students' selections based on the predefined correct answers.
- This feature supports regrading functionality.
- Students' response attempts are limited to the number of hotspots you set."

Use Square or Circle Tool

Use Square or Circle Tool

To create a square or circle Hot Spot, click the shape [1] then drag the shape over the Hot Spot [2]. To complete the shape, click your mouse.

Alternatively, you can press the **R** key (square) or **O** key (oval/circle) and use the following Hot Spot Controls:

- To move the Hot Spot, use the **Arrow** keys.
- To resize the Hot Spot, press **Shift** and use the **Arrow** keys.
- To shrink the Hot Spot, press **Shift+Alt** (on a PC keyboard) or **Alt+Option** (on a Mac keyboard) and use the **Arrow** keys.

Use Polygon Tool

Use Polygon Tool

To create a polygon Hot Spot, click the polygon shape [1]. Click the image then drag the tool around the image to create each side of the polygon [2]. To end one side of the polygon, click your mouse. To close the Hot Spot area, double click your mouse at any time.

You can also use the following keyboard shortcuts:

- To draw a Polygon Hot Spot, press the **P** key.
- To add a Polygon Point, press the **Enter** key.
- To close the Polygon Hot Spot, press the **E** key.

To move, resize, or shrink the polygon, use the following Hot Spot controls:

- Move: Use the **Arrow** keys.
- Resize: Press **Shift** and use the **Arrow** keys.
- Shrink: Press **Shift+Alt** (on a PC keyboard) or **Alt+Option** (on a Mac keyboard) and use the **Arrow** keys.

Expand Image

Expand Image

To expand the image when creating a Hot Spot, click the **Expand** icon or press the **F** key.

View Expanded Image

From the expanded view, you can use any shape to create a Hot Spot [1]. To save the Hot Spot, click the **Done** button [2]. To return to the quiz question, click the **Close** icon [3].

Set Options

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To allow students to use an on-screen calculator for this question, click the **Show on-screen calculator** checkbox [1].

If you select this option, you can choose either a basic calculator [2] or a scientific calculator [3]. The basic calculator displays numbers and basic math functions (add, subtract, multiply, divide). The scientific calculator displays more options for advanced calculations.

Note: The on-screen calculator option is intended to be used while displaying one question at a time. If the quiz does not display one question at a time, students may be able to use the calculator for all questions.

Align to Outcome

Align to Outcome

To [align the question to an outcome](#), click anywhere in the **Align to Outcomes** section.

Add to Item Bank

Add to Item Bank

To [add the question to an item bank](#), click the **Add to Bank** link.

Note: After a question has been added to an item bank, it can only be edited in the item bank. You can still set unique point values and options in the quiz for an item bank question.

Add Point Value and Feedback

Add Point Value and Feedback

To customize the point value for the question, type the point value in the **Points** field [1] or use the arrows to increase or decrease the point value [2].

To [leave feedback for students](#), click the **Feedback** icon [3].

Save Question

Save Question

To save the question, click the **Done** button.

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