Challenge Node Questions

Auto-generated captions, merged into complete sentences with timestamps

0:00:00–0:00:03	Hello, and welcome to the video about challenge node questions.
0:00:04–0:00:11	Challenge nodes contain a dropdown to select a few different question types: Select all that apply, categorize, and image hotspot.
0:00:11–0:00:14	We will start with Select all that apply questions.
0:00:14–0:00:24	This question type allows you to create a list of possible responses to a question where the learner selects which answers meet the conditions and does not select answers that fail the conditions.
0:00:26–0:00:29	I am closing the production assistant so we have more room in the workspace.
0:00:31–0:00:33	This is the button to add a challenge node.
0:00:33–0:00:38	To create one of these question types, choose Select all that apply from the dropdown.
0:00:39–0:00:43	Put your question in the text box here and select a speaker, if desired.
0:00:44–0:00:55	With Select all that apply questions, there is correct feedback and incorrect feedback. Learners will receive correct feedback if they check all the answers that meet the conditions and leave unchecked those that do not.
0:00:56–0:01:02	If they check any incorrect answers or leave any correct answers unchecked, they will receive incorrect feedback.
0:01:02–0:01:06	In this question type, it is not possible to give feedback specific to each item.
0:01:07–0:01:15	If you need to do more complex sorting or feedback based on the results, such as branching, you need to do that after the question node in a conditional node.
0:01:16–0:01:19	More information about conditional nodes can be found in the Conditionals video.
0:01:20–0:01:24	You can enter correct feedback in this text box under Correct feedback 1.
0:01:26–0:01:30	You can enter incorrect feedback in this text box under Incorrect feedback 1.
0:01:31–0:01:36	If you want to add additional feedback nodes to either section, click the plus feedback button.

0:01:37–0:01:40	To delete a feedback node, click on this trash can button.
0:01:42–0:01:45	Feedback nodes can also be set to auto advance or click to advance.
0:01:47–0:01:50	You can add a possible response here under Response 1.
0:01:51–0:01:55	To add additional responses, click on the Add response button.
0:01:56–0:02:02	To indicate whether a response should be selected or not, toggle the checkbox to the left of Correct student response.
0:02:03–0:02:17	Learners will earn points both for selecting the correct responses and leaving the incorrect responses unselected, so every response should be awarded one point, even the incorrect ones, to indicate correct or incorrect impact on the scoring.
0:02:18–0:02:25	Failure to add a point to a response means that selecting this or leaving it unselected will have zero impact on the scoring.
0:02:26–0:02:30	At the top of the question node, you will see a few additional controls.
0:02:31–0:02:33	This is the Response category toggle.
0:02:34–0:02:55	A set of responses can be set as factual or opinion based on toggling the Response category button. If the set of responses is set to opinion, you won't be able to add correct and incorrect feedback, as responses cannot be set to correct or incorrect. Set the responses to opinion if the goal isn't to assess a response, but just allow the learner to express their thoughts.
0:02:56–0:03:07	We recommend that you use opinion-based questions when you don't need the responses to be scored. In fact, opinion nodes don't run the scoring process, so you can't assign variables based on responses either.
0:03:08–0:03:10	This is the loop on the incorrect toggle.
0:03:11–0:03:24	A set of responses can be set to continue or loop-based by toggling the Incorrect button. If you want learners to be presented with the same question again if they get it wrong, toggle the On incorrect button from Continue to Loop.
0:03:24–0:03:40	If the button is set to Loop, when the learner gets an answer wrong, the activity will play through that response's feedback, the response's score will be applied to the learner's overall objective scores, and the learner will loop back up and the same prompt will be displayed again with the same presentation.

0:03:40–0:04:08	Unlike categorization or drag and drop, we can't preserve correct responses because each response is Boolean. Doing this would mean that the opposite response was correct, which leads us back to essentially the same behavior as a non-looped question. One important thing to note is that only factual questions can loop on incorrect, and there is no ability to directly branch from a Select all that apply node, though conditional statements after the node can capture desired branching criteria.
0:04:09–0:04:12	This is the toggle to show or hide a correct answer.
0:04:13–0:04:20	By default, this is set to hide. Unless discussed in the in-character feedback, a learner wouldn't know what the correct answer to a question is.
0:04:21–0:04:28	If you switch the toggle to Show, the learner will see a green check next to correct responses and a red X next to incorrect responses.
0:04:30–0:04:32	This is the toggle to add an answer limit.
0:04:32–0:04:43	Here, you can add either a range or a set value of responses that a learner can select. For example, if your question has five options and you want learners to select three, type 3 here.
0:04:45–0:04:50	If you want learners to select a maximum of three responses, but at least one, type 1 to 3 here.
0:04:51–0:04:54	This is the toggle to lock the response order.
0:04:54–0:04:58	In the Settings panel, there is a place to check the random response order.
0:04:58–0:05:05	Turning Random response on in the Settings panel will randomize the order of responses in all response nodes, such as this node.
0:05:06–0:05:12	Best practices are to leave this off when developing for ease of editing with colleagues, but turn it on before publishing.
0:05:12–0:05:21	If there is a specific question that should not have responses randomized, you can use the Response order toggle to lock the responses in place by selecting Locked.
0:05:21–0:05:26	That way, you can turn on random response order in Settings, but this question will not change.
0:05:28–0:05:32	This is what a Select all that apply question looks like from a learner's perspective.
0:05:34–0:05:37	Now, we will move on to categorize questions.

0:05:37–0:05:48	In this question type, you will set up a category and define items that belong in that category. Learners will drag and drop items into the appropriate category and hit Submit when done.
0:05:49–0:05:55	If you want to use a categorized question, create a challenge node and select Categorize from the dropdown.
0:05:56–0:06:07	To set up a categorized question, create a category and define items that belong in that category. Learners will drag and drop items into the appropriate category and hit Submit when done.
0:06:09–0:06:12	Put your question in the text box here and select a speaker, if desired.
0:06:14–0:06:18	Create a category by typing the label into the text box under Category 1.
0:06:18–0:06:22	Add the name of an item in that category to the text box under Item 1.1.
0:06:23–0:06:26	To add more items, click on the plus Item button.
0:06:26–0:06:30	To create more categories, click on the Add category button.
0:06:31–0:06:38	If you want to create distractors or items that don't belong to any category, create a new category and leave the label blank.
0:06:39–0:06:51	Similarly to Select all that apply questions, you can enter correct feedback in this text box under Correct feedback 1, and you can enter incorrect feedback in this text box under Incorrect feedback 1.
0:06:52–0:06:59	Also, similar to Select all that apply questions, with categorized questions, there is correct feedback and incorrect feedback.
0:07:00–0:07:07	Learners will receive correct feedback if they sort all items to the correct categories. Otherwise, they will receive the incorrect feedback.
0:07:07–0:07:12	In this question type, it is not possible to give feedback specific for each item.
0:07:12–0:07:20	If you need to do more complex sorting or feedback based on the results, such as branching, you do that after the question node in a conditional node.
0:07:20–0:07:24	More information about conditional nodes can be found in the Conditionals video.
0:07:26–0:07:33	As for scoring, items placed in the proper categories earn the points indicated, and items placed in the wrong locations earn zero points.

0:07:34–0:07:46	So if an item is worth one point, the learner will earn one point if the item is placed correctly and zero points if it is placed incorrectly or left in the response. So you should award each item equal points.
0:07:47–0:08:02	Be careful to keep the total number of points in balance with the rest of the activity. A simple category node containing three categories with four items each is at least 12 points for the node. Right or wrong, this may very well be out of scale with the rest of your activity.
0:08:02–0:08:12	Use the score review mode in the Navigator to make sure you stay in scale and consider increasing your other conversational responses by three times what you might be doing to keep it balanced against the categorized question.
0:08:13–0:08:16	More information about scoring can be found in the Scoring Specifics video.
0:08:18–0:08:21	At the top of the question node, you will see a few additional controls.
0:08:23–0:08:25	This is the Response category toggle.
0:08:25–0:08:41	A set of responses can be set as factual or opinion based on toggling the Response category button. This toggle functions a bit differently than it does in other question types. Factual displays categories, and each item is assigned to the category to which the learner is assigned.
0:08:42–0:08:48	Wrong answers have a red X next to the item in the wrong location, as well as a shadow version of the item in the proper location.
0:08:49–0:08:53	Opinion is a legacy feature we do not recommend you use with any scoring.
0:08:53–0:09:02	Opinion will display categories and each item where the learner placed it with no indicators of correct or incorrect, yet scoring is identical in each case.
0:09:03–0:09:07	This can be confusing on review, as there is no indicator that points were earned.
0:09:08–0:09:10	This is the loop on the incorrect toggle.
0:09:11–0:09:24	It functions similarly as it does in select all that apply, but when loop on incorrect is enabled in a categorized question, any correctly placed items are preserved. The remaining items are returned to their starting locations, reducing repetitive dragging.
0:09:26–0:09:28	This is a toggle to lock the response order.
0:09:28–0:09:32	It functions the same way as it does in select all that apply questions.

0:09:33–0:09:36	The additional toggle you will see is results remain after question.
0:09:37–0:09:44	By default, the categorized content seen on the right-side presentation panel is removed after the drag and drop node has been completed.
0:09:45–0:09:51	In this case, the categories disappear after the learner responds and is given feedback to show the background image.
0:09:51–0:10:03	If you toggle results remain after question on, the result of the question will remain even after it is resolved, until the next time the presentation panel is updated with new content such as materials or image nodes.
0:10:03–0:10:09	This is used when you want to reference the categories shown in the question later in the activity, or discuss the resulting image.
0:10:11–0:10:14	This is what a categorize node looks like from a learner's perspective.
0:10:25–0:10:38	Now, we will move on to image hotspot questions, which are the last question type available in a challenge node. In this question type, you will upload an image and identify accessible hotspot areas that can be scored for assessment.
0:10:40–0:10:52	If you want to use an image hotspot question, select image hotspot from the dropdown. Image hotspot nodes allow you to create an interactive visual experience where learners can select an area of an image as their response.
0:10:53–0:10:56	Start by uploading an image to use as the background.
0:10:57–0:10:59	Click the Add Image button to upload your image.
0:11:01–0:11:03	Now, we will cover how to add a hotspot area.
0:11:04–0:11:06	Hotspot areas create clickable areas of the image.
0:11:07–0:11:15	Click Edit Hotspot Area, then select Add Hotspot Area to see a dropdown list of shapes you can use. In this example, I'm using a rectangle.
0:11:16–0:11:20	Use the shape to select the area of the image that you want to designate as a hotspot area.
0:11:21–0:11:29	You can also choose text, which will enable items to be placed as text boxes to support words on a graphic that can be seen by screen readers.
0:11:30–0:11:41	The first four stencils are fixed shapes and will initially be placed in the upper left corner of the image. Vector allows you to place a point and then click to create a straight line between your cursor and the previous point.

0:11:42–0:11:46	Pencil is a freeform drawing tool that you can use to trace the outline of an area.
0:11:47–0:11:50	All shapes, including freehand shapes, have a bounding box.
0:11:50–0:11:54	You can use the sides of the bounding box to stretch or shrink the shape.
0:11:56–0:12:01	Text items can be formatted using the font controls, including different sizes and colors.
0:12:02–0:12:07	You can also use the controls to adjust the height and width, or to rotate an existing shape.
0:12:08–0:12:29	Use duplicate shape when you need to create multiple uniform objects of the same type. You can also add margins around the image by using the margin controls and entering a value. Be sure to experiment in preview to make sure you are happy with the result. Also, check the activity at different aspect ratios to make sure the layout works well across different screen sizes.
0:12:30–0:12:34	Now, we will discuss these controls at the top of the image hotspot node.
0:12:35–0:12:38	Image hotspot activities can be set as opinion or factual.
0:12:39–0:12:42	Set the responses to opinion if there isn't a totally right or wrong answer.
0:12:43–0:12:51	We recommend that you use opinion-based questions when you don't need the responses to be scored. Incorrect responses in image hotspots are marked with a red X.
0:12:53–0:13:02	When loop on incorrect is enabled, previously selected incorrect hotspot areas will no longer be selectable. This is the toggle to show or hide the correct answer.
0:13:03–0:13:13	When this is set to show, a node will appear after the learner responds, telling them what the correct answer was. If this toggle is set to hide, that node will not appear.
0:13:14–0:13:18	The other additional toggle you will see is results remain after question.
0:13:19–0:13:26	By default, the image hotspot content seen on the right side of the presentation panel is removed after the image hotspot node has been completed.

0:13:27–0:13:52	In this case, the image disappears after the learner responds and is given feedback to show the background image. If you toggle results remain after question on, the results of the images will remain even after it is resolved, until the next time the presentation panel is updated with new content, such as materials or image nodes. This is used when you want to reference the images shown in the question later in the activity, or discuss the resulting image.
0:13:54–0:13:56	Now, we will discuss scoring in this question type.
0:13:57–0:14:08	When creating an image hotspot activity, start by scoring all items with a value of one. If items are not scored, there will be no way to inform the learner whether their responses were correct or incorrect.
0:14:09–0:14:12	This is what an image hotspot question looks like from a learner's perspective.
0:14:19–0:14:23	That concludes the video on using challenge node questions. Thanks for watching.