

Build Content Practice with AI using Lumi

Overview

Instructors can enhance their course content by embedding interactive tools, known as Elements and Practices, directly into Brightspace Content Files. These files are accessed using the “Create a File” option in Content. These tools help engage students by organizing the content in manageable sections and providing students with dynamic learning experiences.

- Elements: Interactive learning tools that deepen student comprehension by connecting them with course concepts.
- Practices: Tools that offer opportunities for prior knowledge assessment, concept exploration, or self-assessment.
- Layouts: A feature to organize course content using columns, allowing instructors to arrange text, images, and videos for clearer presentation.

Tips When Working with Existing Content

This guide can be used to create new content files or build elements using existing content files. Refer to these steps if you already have content files built in your course. Then use the guide for more detailed instructions on building **Elements** and **Practice** into your content files.

1. Open the existing content file. (Click Edit HTML.)
2. Identify the section of content that you plan to use to build the new element.
3. Copy that section of content.
4. Place your cursor in the location of the page for the new element.
5. Click **Creator+ Authoring Tools** menu in the Brightspace Editor.
6. Select **Insert Element** from the menu.
7. Begin building your element. (see Part 1 for more details)
8. Once you are happy with the new element, delete the original content, if no longer needed.

Objectives

By following the guide, you will be able to:

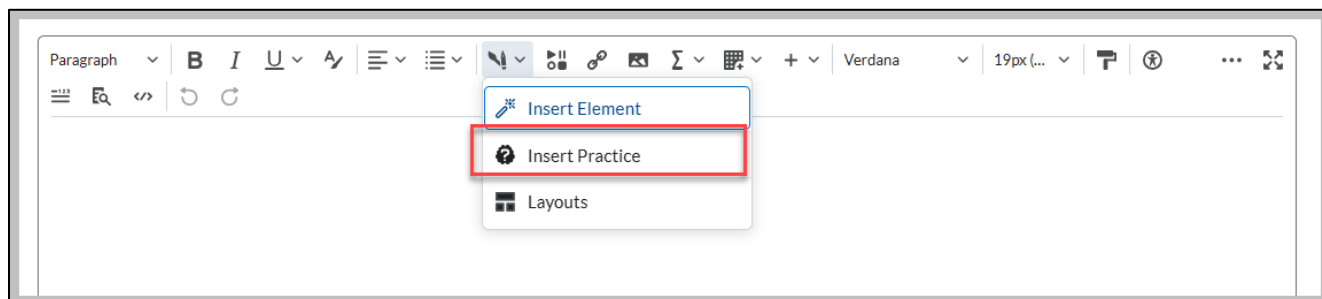
Part 1: Generate Practice Questions using D2L AI Tool Lumi for Creator+ (includes editing)

Part 1: Generate Practice Questions using D2L Lumi for Creator+

When building in practice exercises in Content, you may sometimes find it helpful to generate practice questions using AI (Lumi). The Lumi tool is most effective under the following criteria:

- The selected content must be either an HTML topic, media topic with English-based captions, or most file types excluding PDF.
- D2L recommends input submitted to D2L Lumi be in English. Brightspace does not prevent non-English language content from being submitted as input.

1. Locate the existing module and topic.
2. Open the existing content file. (Click Edit HTML.)
3. Identify the section of content that you plan to add a practice question.
4. Place your cursor in the location of the page for the new element.
5. Click the **Creator+ Authoring Tools** overflow menu in the Brightspace Editor.
6. Select **Insert Practice** from the menu.



7. Select the type of Practice from the available list.
8. Click **Generate Question**.

A screenshot of the 'Generate Question' dialog box. It features a dropdown menu set to 'Multiple Choice' and an 'Options' button. Below this is a light blue box containing the text 'Generate questions based on your page content.' and a 'Generate Question' button highlighted with a red rectangle.

1. Lumi will collect source text from your content page.
 - You can edit the text if you wish to change/narrow the amount of content it will use to generate a practice question. Editing this 'Source Text' will not alter your content.

Generate Question

✦

This AI tool can help you write questions based on the source text you provide.

- The source text is copied from your page content.
- Editing this text will not alter your page content.
- If edited, you can reset this text to the original page content.
- Source text must be in English between 150-8,000 characters.

Characters Remaining: 7,315

Source Text *

The Geologic Time Scale of Earth

Earth's history consists of four majors eras that saw the evolution of our planet.

Timeline

650-550 million years: Late Proterozoic

First skeletal elements

First soft-bodied metazoans

First animal traces

550-250 million years: Paleozoic

First fishes and chordates

Diversification of metazoan families

First vascular land plants

First amphibians and reptiles

Scale trees and seed ferns

Ends with major extinction

250-50 million years: Mesozoic

First mammals, birds, and dinosaurs

Dinosaurs diversify

First flowering plants and primates

Ends with extinction of dinosaurs

50 million years ago to the present: Cenozoic

Mammals diversify

Evolution of humans

Generate Question

Reset Source Text

Cancel

2. When your Practice question generates, review the question and perform one of the following actions:
 - a. **Regenerate Question:** Click to generate a new question.
 - b. **Edit Source Text:** Click to edit the **Source Text** and then click **Regenerate Question**.
 - c. **Discard Question:** Delete the generated Practice question.
3. Optionally, rate the question quality by selecting the thumbs up or thumbs down.

Multiple Choice

Options

This question is based on the source text provided. Check accuracy of the generated question before sharing with learners.

Source Text

The Geologic Time Scale of Earth Earth's history consists of four majors eras that saw the evolution of our planet. Timeline 650-550 million years: Late Proterozoic First skeletal elements First soft-bodied metazoans Fir...

Regenerate Question Edit Source Text Discard Question

Rate question quality:

Which era saw the evolution of mammals diversifying and the evolution of humans?

Select the best option.

☐ Late Proterozoic

☐ Paleozoic

☐ Mesozoic

☒ Cenozoic

Check Answers

4. When satisfied with the question, click **Insert**.
5. Select the **Close** (X) icon in the dialog after your Practice is inserted.
6. Click **Save and Close** for your Content topic.

Editing your AI-Generated Practice

1. Click **Edit HTML**.
2. Click anywhere on the element for the editing tools to appear.
 - Click the pencil icon to edit the element.
 - Click the trashcan icon to delete the element.
 - Click the arrows to move the element up/down on the content page.
 - Note: If you delete an element by accident and have not yet saved, you can use the 'undo' arrows in the editor toolbar.

In modern times, mastodons live in popular culture and as a reminder of the planet's changing climate and the impacts of human activity on wildlife. Their fossils are often displayed in natural history museums, inspiring wonder about the ancient creatures that once roamed the Earth.

Multiple Choice

3. To return to the 'Source Text', click the 'Generate Question' link. (Note: This will not generate a new question but merely display the source text.)

4. When your Practice question generates, review the question and perform one of the following actions:
 - **Regenerate Question:** Click to generate a new question.
 - **Edit Source Text:** Click to edit the **Source Text** and then click **Regenerate Question**.
 - **Cancel:** Return to the practice question editing page.
5. To exit, click the **Insert** if you made changes or **Cancel**.
6. Select the **Close** (X) icon in the dialog after your Practice is inserted.
7. Click **Save and Close** for your Content topic.