

Adaptive Learning Pilot: Building Brightspace LeaP Learning Paths

Prepare.

► Getting Started

INITIAL STEPS

1. Build the module content in Brightspace
2. Add module (LeaP) questions to the *Question Library*
 - a. Create a folder structure using *Sections*. The recommended structure is as follows, *Module # > Learning Objective > Questions*.
 - b. There are two ways to add questions to the Question Library:
 - i. build questions directly in Brightspace
 - ii. use the **Test/Quiz Question Generator** to generate a question file (.csv) and then import the questions into the appropriate section(s) in the Question Library.
3. Prepare the *Learning Objectives Import File (.csv)*.

To keep the Learning Objectives area of LeaP organized ensure that the.csv file is completed using the following guidelines. **Once Learning Objectives have been uploaded to LeaP they cannot be removed.**

 - a. Set the first objective *Parent ID* at "0". Next, name the *Title* after the Module #. Then, Have the *Description* match the title. Ensure that the *Leaf?* column remains blank.
 - b. Enter the Learning Objectives in the subsequent rows. The *Parent ID* for each should be set to "1" (**Why?** This step makes our first row, entitled Module #, the Parent of the Learning Objectives which will create a consistent folder structure in LeaP). Enter the Learning Objective in both the *Title* and *Description* cells. For each of the Learning Objectives ensure that the *Leaf?* column contains "y".

| TID | Parent ID | Title | Description | Leaf? |
|-----|-----------|--------------------|--------------------|-------|
| 1 | 0 | Module 1 | Module 1 | |
| 2 | 1 | Learning Outcome 1 | Learning Outcome 1 | y |
| 3 | 1 | Learning Outcome 2 | Learning Outcome 2 | y |
| 4 | 1 | Learning Outcome 3 | Learning Outcome 3 | y |

Build.

► Create a Brightspace LeaP

1. In the course navigate to *Content* and locate the appropriate module. Using the *Existing Activities* menu select *Brightspace LeaP*.
2. Give the Brightspace LeaP a name. If using the LeaP as a review tool the following name is suggested: *Module Title – Review*

3. Click *Create and Insert*.
4. Locate the LeaP link in the Module Content and click on the title of the LeaP.

► Learning Objectives (.csv)

5. In the *Learning Objectives* section click on the *Imported* folder.

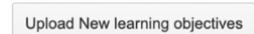


6. Next, click on the *Upload New learning objectives* item.

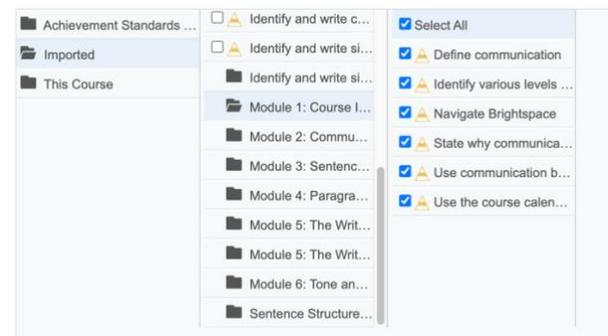


7. Using the Choose File button open the *Learning Objectives .csv* file.

8. Click *Upload New learning objectives*.



9. Locate and select the learning objectives from the menu.



10. Click *Continue*.

► Content

11. From the *Content* tab, select *This Course* as the content source for the Learning Path.

12. Click *Continue*.

► Settings

13. From the *Settings* tab, choose the amount of *Questions Per Learning Objective* that will be displayed in the learning path tests.

14. Select *Start with a diagnostic test*. This setting will test learners before displaying un-mastered content.

15. Select *Hide mastered content*. *Mastered content* is determined based on diagnostic test results.

16. Scroll down and click *Advanced Settings*.



- a. Select *Exclude content text and use only learning objective text when choosing practice questions and remediation materials*.
- b. Select *Exclude content text and use only learning objective text when choosing recommended reading*.

► Confirmation

17. Review and confirm the Learning Objectives, Content, and Settings.
18. Click *Create LeaN*.

Create LeaN

Edit.

To edit a learning path, locate the LeaN link in the Module Content and click on the title of the LeaN.

► Content Repositories

From *Content Repositories* tab you can select from any of the available Learning Object Repositories (LORs) for additional sources of LeaN content.

Note: You cannot de-select *This Course*.

CONTENT VISIBILITY

From the *Content Repositories* tab under the *Content Source* column click on *This Course*. It is possible to set any course content items to *Hidden* or *Visible*.

Why set content to *Hidden*? LeaN may recommend that Module Introductions, Summaries, or Course Common Elements or other irrelevant items as study materials.

Note: Visibility settings will be the same in all learning paths in a course.

Note: If using a LOR you will not be able to set content as *Hidden*, all content will be *visible*.

► Questions

All multiple choice and true/false questions in the Question Library are automatically available for use in a Learning Path.

QUESTION VISIBILITY

From the *Questions* tab it is possible to set any questions to *Hidden* or *Visible*.

Note: If there are questions for graded assessments in the Question Library it is advisable to set them to *Hidden* under the *Questions* tab in LeaN.

► Content Alignments

Learning Objectives are mapped to *Visible Content* and *Questions* under the *Content Alignments* tab.

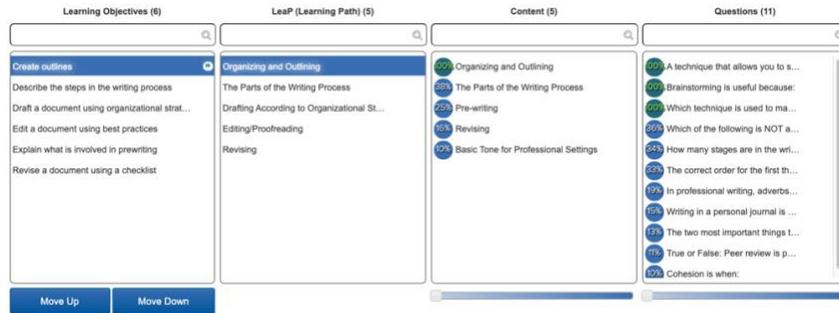
ENFORCING ALIGNMENT

1. Select a Learning Objective.
2. In the *Content* column LeaN will show all course content it has mapped to the *Learning Objectives*. The higher the percentage in the blue bubble  the closer the relation to the Learning Objective.

Note: To manually map content to Learning Outcomes click on the blue bubble and readjust the percentage.

3. In the *Questions* column LeaP will show all questions it has mapped to the *Learning Objectives* and *Content*.

Note: To manually map questions click on the blue bubble and readjust the percentage.



Maintain.

► Considerations

1. Learning paths continue to evolve over time, questions or content created after a learning path may be mapped to previous LeaP learning paths.

Note: Content or questions added to a course after a learning path has been built may be displayed if learning paths are not edited afterwards.

2. Learning paths are not responsive and are not ideal for mobile devices.
3. Content links to YouTube videos do not display in LeaP. Ensure YouTube links are embedded in module content items.