

Moodle Migration

[Moodle Issues](#)

Overview

These items or parts of Moodle are equivalent to these parts of Canvas:

Canvas	Moodle
Quizzes and Question Banks	<i>Quizzes and Question Banks</i>
Files	Resources, Files
Discussions	Forums
Assignments	Assignments
Modules	Folders, Labels, Subfolders,
Pages	Books, Folders, Pages, IMS Content Packages
Announcements	Instructor Announcements

Main Items that do not import

- Moodle Lessons**
 These do not import into Canvas, however, the Migration team has a script that has the ability to migrate lessons into Canvas as pages. When questions are used in lessons, these are migrated as quizzes set in the same order as the lesson within Canvas modules.
- Essay question with attachments**
 Moodle allows file submissions for essay questions in quizzes, and some classes make heavy use of this functionality. **Canvas essay questions do not allow file submissions**, so the converted question will not work in the same way. **Changing this question to a file submission question** may achieve the desired behavior.
- Multi-answer questions including numerical parts.**
 Multi-answer questions which contain a mixture of different types of answers (dropdown, fill-in-the-blank, and numerical) Don't import properly. **These will need to be fixed manually/separated.**
- Quiz question ordering issues**
 A converted quiz may have a different question ordering in Canvas than in Moodle. **Usually this occurs when the quiz contains randomized questions**, which will all get lumped together on the end of a canvas quiz. **This issue will have to be fixed manually after import.**

- **Book activity**
The Book module allows multi-page resources with a book-like format. Moodle Books automatically convert to Canvas wikis but there is no index in the converted wiki. **Add a separate index page with each content page** linked to achieve the desired behavior.
- **Survey activity**
Surveys don't automatically convert to Canvas. But Canvas does support graded/ungraded survey quiz types which can use normal Canvas question types, as well as Likert scale questions. **Manually convert these to a survey in Canvas.**
- **Moodle topic Labels**
Canvas converts these to Pages unless the label is shorter. If short, then they are treated as Module Headers in Canvas.
- **Word docs from Topics**
Moodle 2.3+ fails to reference direct links to Word docs from Topics in the Modules. **These will need to be added to Canvas manually.**
- **SCORM and IMS Content**
Interactive content like SCORM and IMS doesn't get automatically migrated to Canvas, but they can be implemented in a couple of ways.
For graded SCORM content, SCORM will need to be enabled in Canvas and imported through its tool page. IMS content can also be imported on the SCORM page as an ungraded assignment or alternatively, uploaded to Canvas Files and embedded in an Iframe.

How to Migrate:

Quizzes and Question Banks

Note: Moodle quizzes are migrated into Canvas as Classic Quizzes. Those Classic Quizzes can be migrated to New Quizzes manually by the teacher.

View Questions tab within a Quiz (Canvas)

- Check to see that the content migrated properly. Most of it should but **it's possible that some items such as Math formulas may have broken if using any special formatting.**
- [Use Latex to manually migrate questions that don't migrate correctly.](#)
- Check and see if Images imported correctly. **If they did not, they may be in Canvas files for the course, or you may have to download them from Moodle.**
- Quizzes may show up as a Practice Quiz instead of a normal Graded Quiz.

MathML importing from Moodle

- In some instances, we've seen MathML from moodle use a different character (version) for MathML equations.
- The moodle export uses « and » while the version canvas is looking for uses **<**, and **>**, for the same characters.
 - This page explains the reason behind this: https://docs.wiris.com/en/mathtype/mathtype_web/integrations/encoding-attribute_s
- Additionally, we replace § with &
- To replace these easily, we download the export and use an IDE to find and replace all characters in the export file. This ensures these import cleanly into Canvas.

Classic Quizzes	New Quizzes
<p>Multi-answer questions including numerical parts. Import: May come over, but not properly.</p>	<p>Multi-answer questions including numerical parts.</p> <p>Manually separate out the different question types into separate questions.</p>
<p>True/False Import: Imports fine.</p>	<p>True/False Import: Imports fine.</p> <p>Migration Method: Double check if everything is correct.</p>
<p>Short Answer Question Import: Comes over fine.</p>	<p>Short Answer Question Import: Imports fine.</p> <p>Migration Method: Double check if everything is correct.</p>
<p>Numerical Import: Comes over fine.</p>	<p>Numerical Import: Imports fine.</p> <p>Migration Method: Double check if everything is correct.</p>

<p>Multiple Choice Import: Imports Fine.</p>	<p>Multiple Choice Import: Imports Fine.</p> <p>Migration Method: Double check if everything is correct.</p>
<p>Select Missing Words Import: Does not come over</p>	<p>Multiple fill in the blank Import: Does not come over.</p> <p>Migration Method: Build the question into a Multiple Dropdown question type. This is the closest question type in Canvas to how it works in Moodle.</p>
<p>Embedded answers (Cloze) Import: Does not come over.</p>	<p>Embedded answers (Cloze) Questions of this type are very flexible, and are generally just migrated or recreated as a non embedded question in Canvas.</p>
<p>Drag and Drop Images Import: Does not come over.</p>	<p>Drag and Drop Images</p> <p>Migration Method: Rebuild as a Matching Question or omit content. Contact team lead for details.</p>
<p>Drag and drop markers Import: Does not import.</p>	<p>Drag and drop markers</p> <p>Migration Method: Likely will not be built out when migrating. Contact team lead for details.</p>
<p>Drag and drop into text Import: Does not come over.</p>	<p>Multiple Dropdown Question</p> <p>Migration Method: Rebuild the question as a multiple dropdown question in Canvas.</p>

<p>Calculated simple Import: Imports fine</p>	<p>Calculated simple Import: Imports fine</p>
<p>Calculated Multichoice</p>	<p>Calculated Multichoice Import: Imports as regular formula question. No direct equivalent.</p> <p>Migration Method: regenerate the possible answers as you would in regular quizzes.</p>
<p>Essay Questions with attachments Import: Does not come over.</p>	<p>File Upload Question</p> <p>Migration Method: Rebuild the question either as a file upload and essay question separately or just an essay question.</p>

Files

Files embedded in pages such as images and presentations and/or PDFs will show up in the Canvas Files area. This, however, depends a lot on how they were embedded in Moodle. **Sometimes embedded images and files will still link back to Moodle and need to be fixed manually.** †

- If you hover the course over a file, and the url has “cluster” in it then it is a broken link. This requires downloading the file directly from the original LMS, and then uploading and embedding it in the same place on Canvas

Files Index Page

- Suggested folders:
 - Option 1: Based on file type: Audio, Video, Uploads
 - Option 2: Based on content chunking: Unit, Chapter, Canvas Module
- Use Good Naming Conventions
 - Make sense of the Files that you are working through
 - **PRO-TIP:** If needed, create a folder called “Discard/Unsure” to move the errant files you find.
- **For imported folders containing HTML, CSS, and JS files, the course migrator should leave their structure and files intact** if they intend to set up SCORM packages. The folders themselves can be moved into subfolders, however.

Assignment Index Page and Assignments

Transitioning from a Moodle assignment to a Canvas Assignment

Assignment Index Page

- Assignments, discussion, and quizzes from Moodle will show up in the Assignment Index Page.

- At a later time, you will need to customize the assignment groups to match the grading policy.
- Take stock of the Assignment Groups and content within each group.
 - Focus on the content- each published assignment has a column in your gradebook.
 - If not sure of an assignment, unpublish rather than delete.
- Edit an assignment and look over the settings.
 - If needed assignment duplication:
 - **PRO-TIP:** Unpublish all assignments. Check the setting and publish once they are Canvas-ready. This way you do not have unnecessary columns in your gradebook.

Pages

Page content will be preserved as it exists in Moodle. This includes images and embedded files. Some content from Moodle will appear in Canvas after a migration as pages, such as Lesson headers.

Discussions

Most Discussions will import correctly (threaded replies, points), but it would be best to verify that all discussions and settings have been imported properly.

- Imported discussions will show-up in the Discussions area
 - Graded comes in as Graded
 - Ungraded comes in as Ungraded

SCORM Activities

Create Placeholder pages for SCORM when building out the course. [After SCORM is enabled in the External LTI Tab \(settings Page->Apps Tab\), you can add SCORM activities from the SCORM link that will show up under the left column in Canvas.](#)

Course Navigation Menu

Have these items visible for students under course navigation (You can add more or remove items based on individual uses)

- Home
- Modules
- Grades
- Announcements

Each Moodle Implementation is different due to customizations but a good portion of options that you have navigating in Moodle exist in Canvas.

- The Navigation Menu in Moodle will usually appear as *Modules* in Canvas.
- Activities (**Quizzes, Forums, and Assignments**) will show up in the Navigation Menu respectively as **Quizzes, Discussions, and Assignments**. These can show up in whatever order you desire.

Modules

- Content shown in Modules should reflect Navigation Content from Moodle
- Organization of Content
 - It may help to collapse Content using the arrow left of module name to help organization
- Once you have the modules named the way you want, then expand Module and Reorder Content
 - Use the Move-to Sidebar.
 - Focus only on the flow of the content in the modules.

- Later come back to focus on the details of the individual items (This is for later)
- Publishing vs. Unpublishing
 - Controls Student Access
- **PRO-TIP**
 - It may help to unpublish content first
 - Publish as you have worked through, created, and organized content

What Can Be Added to a Module?

- Quizzes, Assignments and Discussions
- Content Pages
- Files (docs & media files)
- External URLs
- Text Headers
- Apps

Each type of content has a unique icon.

What Can't Be Added to a Module?

- Canvas does not contain sub-modules (or sub-folders)
- Canvas also does not contain links from the Modules page itself to other module sections to encourage simplicity for students.

Adding Content To Modules

Course migrators can ...

- Leverage Existing Content (Drag and Drop).
- Add existing content items to a module
- Upload Files to a module
- Build New Content In Modules
 - Create new content items (placeholders)
- Link to URLs outside of Canvas
- Link to Apps (as external URL); apps should be previously installed
- Assignments, Grade Discussions, and Content Pages can be duplicated in Modules.

ICON TABLE

Resource Site: <https://canvas.instructure.com/courses/787387/pages/canvas-icons>

Headers and Indentation

- Visually Organizing Module Content
 - Headers - Insert text items to be used as headers or dividers (very important when viewing on mobile devices, otherwise there is no division between sections)
 - Indenting - Visually makes one item appear as if it is nested beneath another
 - Reorder modules and content within modules with drag & drop functionality or use gear icon to reorder=

Endnotes