

MasteryPaths in Modules

The background of the slide features a series of overlapping, wavy bands in various shades of orange and red, creating a dynamic, flowing effect that frames the central text.

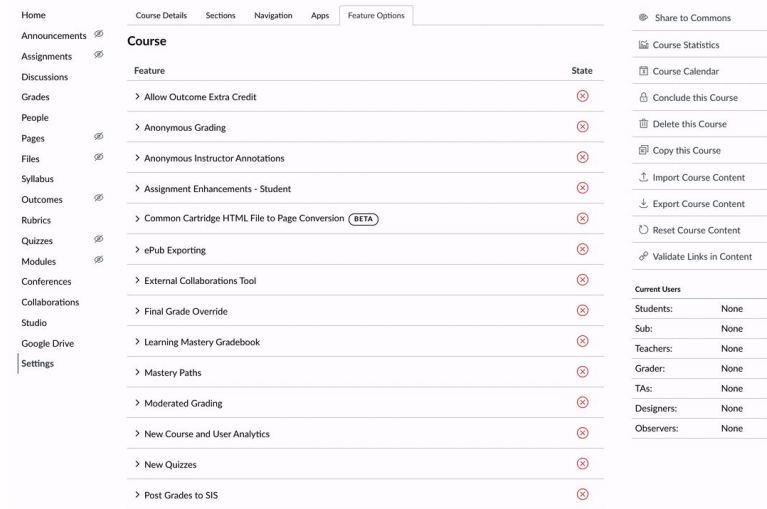
What is MasteryPaths?

MasteryPaths allows you to customize learning experiences for students based on performance. You can enable MasteryPaths to automatically assign coursework based on the score achieved for a previous assignment. After the initial assignment has been graded (either manually or automatically), the student's score designates which conditional item(s) they are assigned as a learning path.

For example, if student A scores 90% or higher on the original assignment, they can access Assignment 1 and Page 1. If student B scores less than 90%, they can access Assignment 1, Page 1, Page 2, and Page 3. Because student B did not score as high, they receive additional content to complete in order to achieve mastery.

How to enable MasteryPaths for a course

MasteryPaths can be enabled in the course settings under Feature Options. Admins can also enable or disable this at the account level feature options for a school. If the option is disabled and locked at the account level, the ability for teachers to turn on MasteryPaths will be greyed out in the course. If the option is enabled and locked at the account level, the option to enable MasteryPaths will not appear in the course settings altogether.



The screenshot displays the 'Course' settings page with the 'Feature Options' tab selected. A table lists various features and their status:

Feature	State
> Allow Outcome Extra Credit	⊗
> Anonymous Grading	⊗
> Anonymous Instructor Annotations	⊗
> Assignment Enhancements - Student	⊗
> Common Cartridge HTML File to Page Conversion (BETA)	⊗
> ePub Exporting	⊗
> External Collaborations Tool	⊗
> Final Grade Override	⊗
> Learning Mastery Gradebook	⊗
> MasteryPaths	⊙
> Moderated Grading	⊗
> New Course and User Analytics	⊗
> New Quizzes	⊗
> Post Grades to SIS	⊗

On the right side of the interface, there are additional options for course management:

- Share to Commons
- Course Statistics
- Course Calendar
- Conclude this Course
- Delete this Course
- Copy this Course
- Import Course Content
- Export Course Content
- Reset Course Content
- Validate Links in Content

Below these, the 'Current Users' section shows the following status:

- Students: None
- Sub: None
- Teachers: None
- Grader: None
- TAs: None
- Designers: None
- Observers: None

How to create a MasteryPath

1. Enable MasteryPaths in course settings
2. Go to modules and add all items you wish to be included within MasteryPaths (You can indent certain items to distinguish conditional items easier)
3. Create first assignment/discussion/quiz to setup conditional items and ensure it's assigned to "everyone" and conditional items are assigned to "mastery paths"
4. Setup conditional items on conditional items if necessary
5. Publish all items

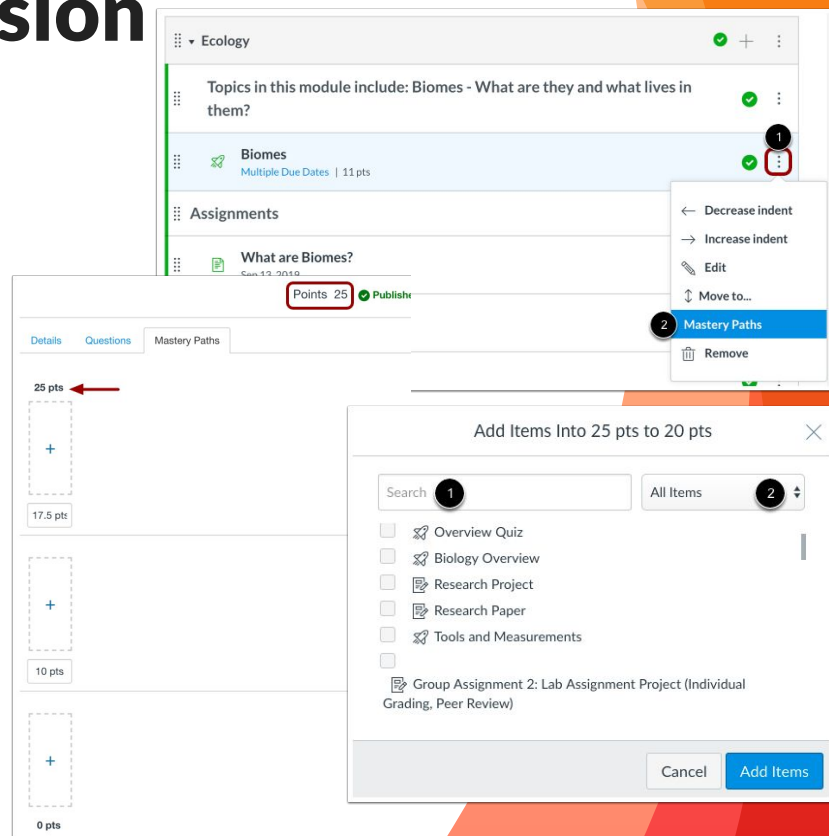
Creating a Mastery Path Page

1. Edit page
2. Scroll down and enable the option for “Allow in mastery paths”
3. Save or Save & Publish
4. Ensure page is added to the module

The screenshot displays a page editor interface. At the top, there is a header bar with a 'View All Pages' button, a green 'Published' status indicator, and an 'Edit' button with a pencil icon, which is highlighted with a red rectangle. Below the header, the page title 'What is the Scientific Method?' is visible. The main content area shows an 'Options' section titled 'Can edit this page role selection'. This section contains a dropdown menu currently set to 'Only teachers' and a checkbox labeled 'Allow in mastery paths' which is checked. A red arrow points to this checkbox. At the bottom of the editor, there are three buttons: 'Cancel', 'Save & Publish', and a blue 'Save' button, which is also highlighted with a red rectangle.

Creating a Mastery Paths Assignment/Quiz/Discussion

1. Access the MasteryPaths through modules or by going to the edit portion of the assignment
2. Set conditional range
 - a. Range values must be set in order from highest to lowest. Empty values are not allowed
3. Add conditional items
 - a. Pages will not display as a conditional item unless the page was previously edited to be included as a MasteryPath item



Creating a Mastery Paths Assignment/Quiz/Discussion - Continued

Set Student choice:

If there are more than one conditional item added to a MasteryPath assignment, teachers have an option to require students to complete all conditional items within a certain range (&), or allow students to choose between them (or).

The screenshot displays a user interface for creating a Mastery Paths assignment. It features two rows of conditional items, each with a dashed box containing a plus sign (+) and a point value.

Top Row:

- Left item: A dashed box with a blue plus sign (+) and "10 pts" below it.
- Right items: Two items connected by an ampersand (&).
 - Item 1: "Tools and Measurements" with a red icon and "7 pts".
 - Item 2: "Hypotheticals" with a purple icon and "25 pts".A red arrow points to the ampersand (&) with a circled "1".

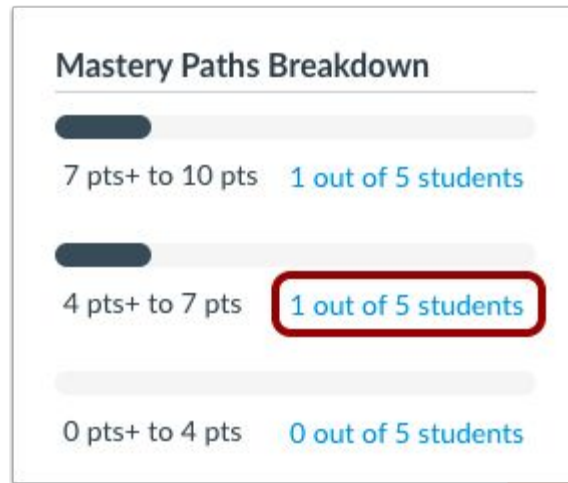
Bottom Row:

- Left item: A dashed box with a blue plus sign (+) and "0 pts" below it.
- Right items: Two items connected by an "or" operator.
 - Item 1: "Biomes Discussion 1" with an orange icon and "10 pts".
 - Item 2: "Safety in Science - Basics" with a purple icon and "10 pts".A red arrow points to the "or" operator with a circled "2".

Checking Mastery

Teachers can go in after students have completed an assignment setup with conditional items to check student mastery of the subject. After clicking on an assignment setup with conditional items, teachers can view the Mastery Breakdown section to view the students mastery in the ranges setup.

You can click the name of a student in the range, view the student's source content submission and score, and send a message to the student.



Random Tidbits

- Learning Mastery Gradebook vs. Mastery Paths
- If your institution uses a student information system (SIS) and requires due dates for assignments, any MasteryPaths assignments assigned to one or more students are currently not validated. Please use with caution when syncing to your SIS.
- Files, External URLs, and External Tool module items cannot be used as conditional items in MasteryPaths

Common issues

- Delay in displaying conditional items.
- Conditional items in different modules & teacher makes changes to mastery paths after student submissions
- Page giving error that says; "You do not have access to the requested resource" or "That page has been disabled for this course."
- Assignment showing to all students even though it should be a conditional item
- Auto grade quiz showing message that says: "Locked until mastery path is processed for "Assignment Name"
- "Locked until mastery path is processed for "Assignment Name"
- Mastery path not being released to student after completing requirement

Activity

Create a MasteryPath assignment in your course to practice setting up conditional items. Once done, provide us with a link to your course module containing the MasteryPath assignment.

Note: You may have to enable MasteryPaths first

Conclusion

- While you won't encounter MasteryPaths often, it's still a great resource to know how to troubleshoot.
- Practice makes perfect (when in doubt, create in your sandbox)
- The CSM will need to enable MasteryPaths if it is not an option for an instance.
- The first MasteryPath assignment **MUST** be assigned to everyone for it to function appropriately.

Questions?

The background of the slide features a series of overlapping, wavy bands in various shades of orange and red. The colors transition from a light, pale orange at the top to a deep, vibrant red at the bottom, creating a sense of movement and depth.