



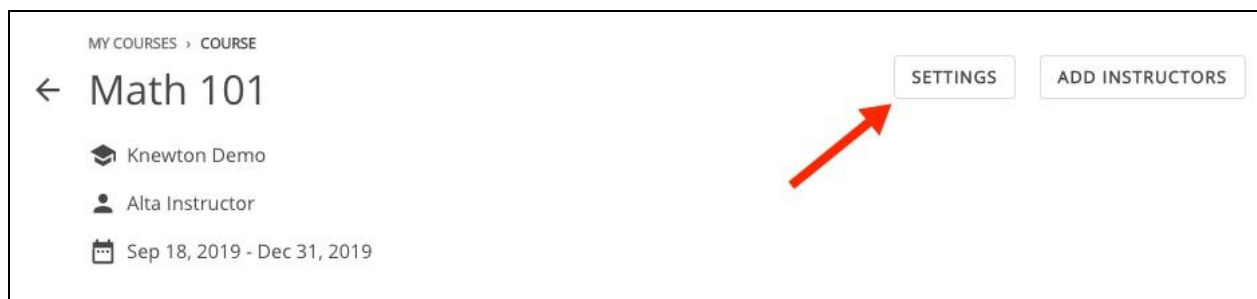
## Adding Alta Assignments in Canvas for Instructors

### Goal

This document should provide everything you need to successfully add Knewton Alta tests, quizzes, assignments, and data into your course in Canvas. The Canvas integration allows students to launch Knewton Alta assignments directly from Canvas, Knewton to dynamically send grades to the Canvas gradebook, and eliminates the need for students to sign-in to Knewton Alta.

### Before You Begin

- ★ Your LMS admin should have already configured Knewton as an external tool in your institution's Canvas system. If you aren't sure whether or not this has happened, please check with them. **The following steps will not work if the external tool configuration has not been completed.**
- ★ If students have already created accounts in Knewton Alta, the email addresses for those student accounts **MUST MATCH** the email addresses used in Canvas before integrating Knewton into the course on Canvas. If they do not, please contact us to discuss next steps.
- ★ In order to proceed, you will need:
  - A Knewton.com instructor account with a Course shell that has at least one Assignment created.
  - A Canvas course
  - Your Knewton Alta course enabled for LMS integration. If you didn't do this when creating your course, click on the **Settings** button to quickly complete this.



Scroll to the LMS Configuration section, click the down arrow, and select **Canvas**. Click **Save Changes**:

### LMS Configuration

**Learning management system**  
This cannot be changed if any sections exist in your course.

None ▾

**Course LTI link**  
Use this link to integrate this course with your LMS. For more info on how to do this, visit our Support Center

 <https://knerdlink.stub>

COPY LINK

## Add Knewton Alta Assignments to Canvas

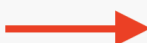
**Step 1.** Log in to [knewton.com/teach](https://knewton.com/teach) and navigate to your course. Select **Add Section** at the bottom to begin the process of creating a section:

## Sections (0)



### Create a section

Build at least one section based on the course outline and invite your students.

 **ADD SECTION**

**Step 2.** You will now follow the instructions presented on your screen. We recommend completing your course outline prior to importing to the LMS. If you're done or close to done, click **I'm Done**. Otherwise click Let Me Check to go back and review your course outline.

To continue, download your course's Common Cartridge file by clicking the **Download Common Cartridge** button. When your download is complete, a **Next** button will appear! Click it to continue.

# Add sections through your LMS

You can add sections to this course by importing a Common Cartridge file to your learning management system (LMS).

- 1 **Make sure your outline is as close to complete as possible, so you don't have to do this step twice.**

I'M DONE

LET ME CHECK

- 2 Download your course's Common Cartridge file.
- 3 Import the Common Cartridge file into your LMS course.
- 4 Create your section in Knewton Alta through your LMS course.

- 2 **Download your course's Common Cartridge file.**

↓ DOWNLOAD COMMON CARTRIDGE

- 2 **Download your course's Common Cartridge file.**

✓ DOWNLOADED

NEXT

**Step 3.** In Canvas, go to **Settings > Import Course Content** to import the Knewton Alta cartridge.

The screenshot shows the Canvas LMS interface. On the left is a sidebar with navigation links: Account, Admin, Dashboard, Courses, Calendar, Inbox, and Help. The 'Courses' link is highlighted. The main area displays 'Course Details' for a course named 'Prealgebra Course 2018'. The course is marked as 'Unpublished'. On the right side, there is a 'course\_settings\_sub\_navigation' menu with options like 'Student View', 'Course Statistics', 'Course Calendar', 'Conclude this Course', 'Delete this Course', 'Copy this Course', 'Import Course Content' (highlighted with a red circle), 'Export Course Content', 'Reset Course Content', and 'Validate Links in Content'. A red arrow points to the 'Settings' link in the sidebar.

**Step 4.** Select **Common Cartridge 1.x Package** in the **Content Type** drop-down

The screenshot shows the 'Import Content' dialog box. The 'Content Type' dropdown menu is open, showing a list of options. A red arrow points to the 'Common Cartridge 1.x Package' option, which is highlighted in blue. The options in the dropdown are: 'Select One', 'Copy a Canvas Course', 'Canvas Course Export Package', 'Unzip .zip file into folder', 'Angel export .zip format', 'Blackboard 6/7/8/9 export .zip file', 'Blackboard Vista/CE, WebCT 6+ Course', 'Common Cartridge 1.x Package', 'D2L export .zip format', 'Moodle 1.9/2.x', and 'QTI .zip file'.

**Step 5.** Select the file from your Downloads, and under **Content**, select **All content**. Click **Import**.

## Import Content

Content Type Common Cartridge 1.x Package

Source Choose File Knewton-examp...-11-28.imsc

Default Question bank Select question bank

Content ☒ All content ☐ Select specific content

Options ☐ Overwrite assessment content with matching IDs ☐ Adjust events and due dates

Cancel Import

**Step 6.** You should see a successful message.

| Current Jobs     |                          |                  |           |
|------------------|--------------------------|------------------|-----------|
| Common Cartridge | ...RIDGE-2017-11-28.imsc | Nov 28 at 1:11pm | Completed |

Ignore the following warning if it appears, as long as the admin has configured the Knewton Alta tool provider for the entire institution.

|                                                                                                    |                          |                  |           |             |
|----------------------------------------------------------------------------------------------------|--------------------------|------------------|-----------|-------------|
| Common Cartridge                                                                                   | ...RIDGE-2017-11-21.imsc | Nov 28 at 1:10pm | Completed | Hide Issues |
| The security parameters for the external tool "www.knewton.com" need to be set in Course Settings. |                          |                  |           |             |

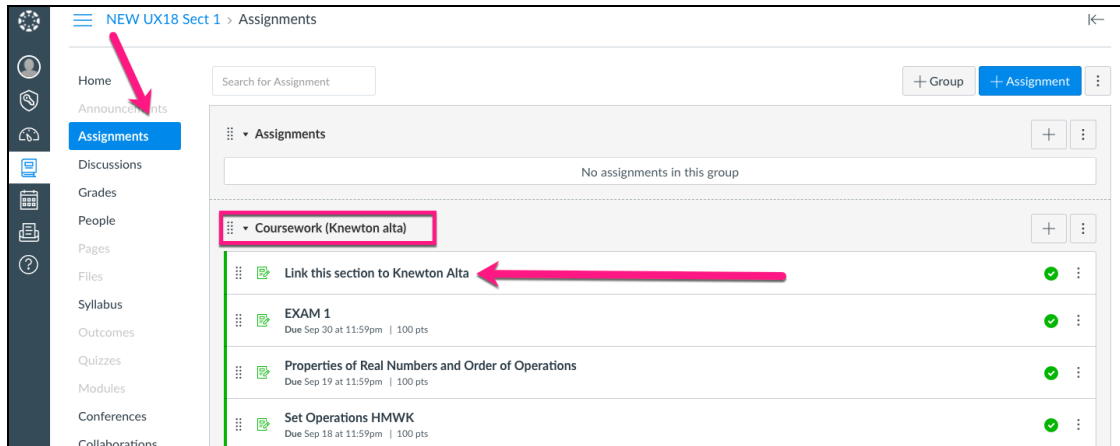
**Step 7.** Click the **Next** button in Alta when you've completed this.

3

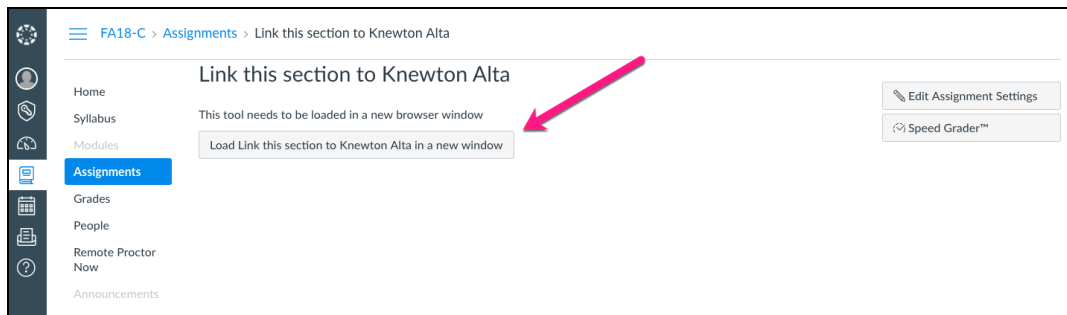
Import the downloaded Common Cartridge file into your LMS course.

NEXT

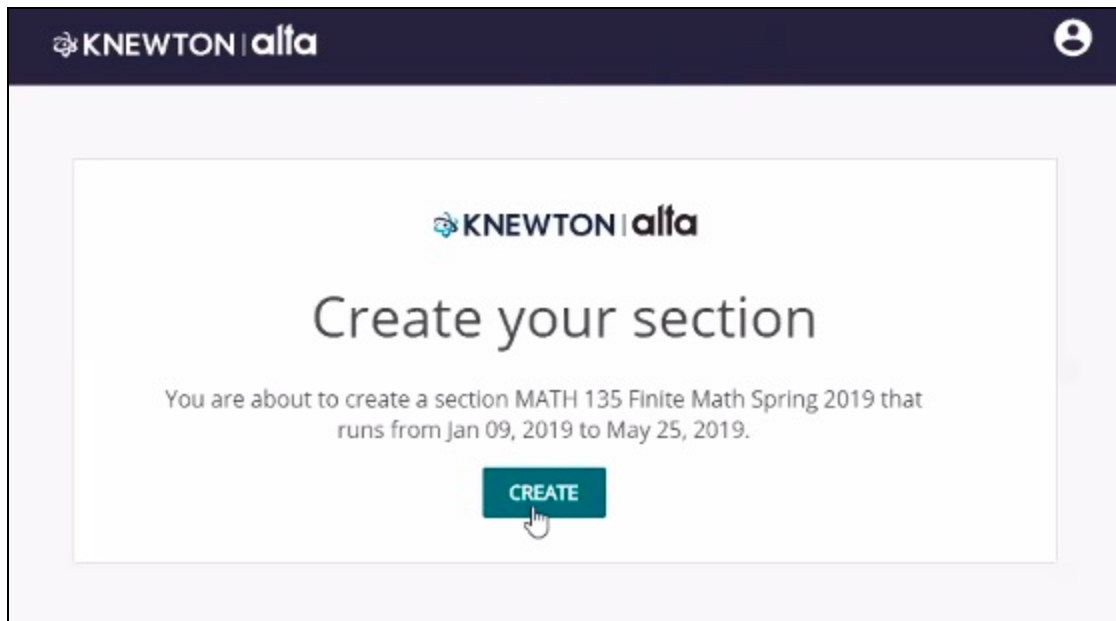
**Step 8.** Now you will create your section through your LMS. In your LMS, under the list of imported resources, check for the link named **Link this section to Knewton Alta**.



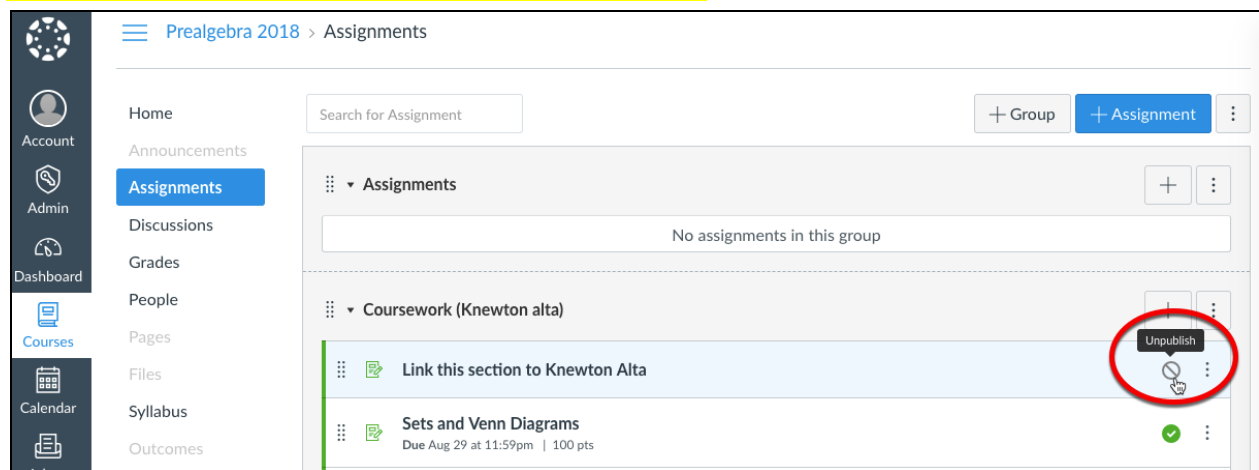
**Step 9.** Click **Load Link this section to Knewton Alta** in a new window.



**Step 10.** When the Knewton Alta window pops up, verify that this is the appropriate Alta course that you would like to integrate with the LMS and click **Create**:



**Step 11:** To finish, return to Canvas and **hide the section creation link** so that your students do not try to click on it (this will result in an error). To hide the link in Canvas, click the green circle to the right of the link **unpublish** it.



## Teaching Multiple Sections of the Same Course?

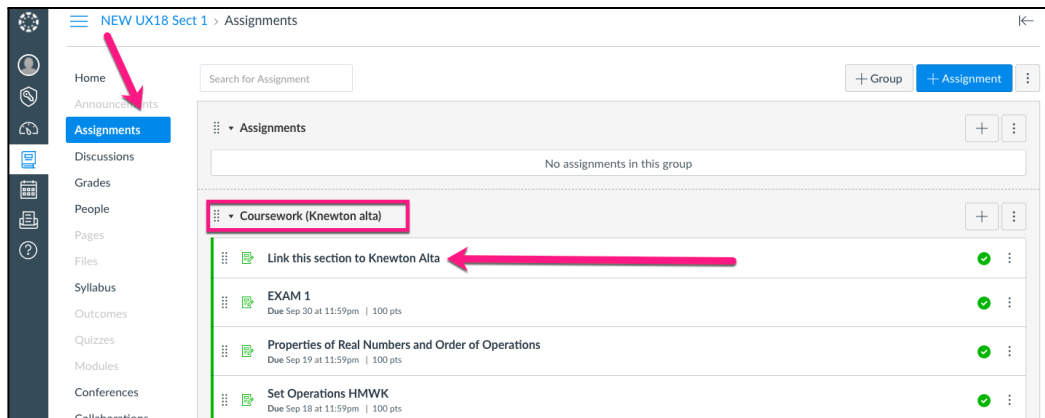
**If you would like to have identical Canvas courses for all sections:**

**Step 12.** After completing the steps above, organize your Canvas course with your newly added Knewton Alta Coursework as you would like. (*ie: Modules, Assignment Groups, Weighting, Add Syllabus, Create Assignments, Upload Videos, etc.*)

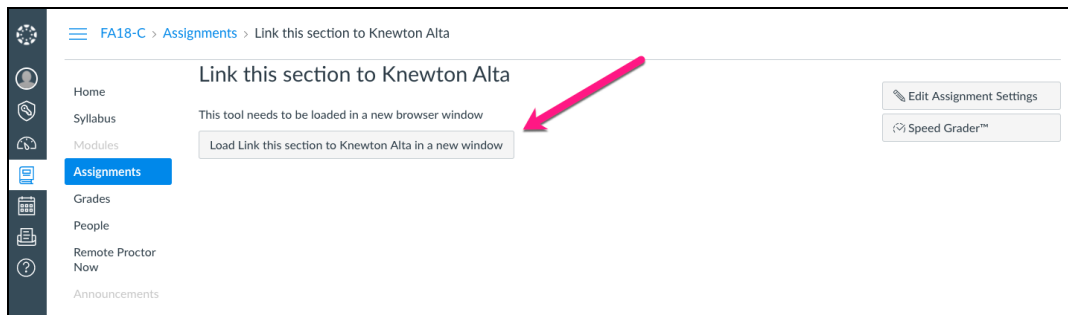
**Step 13.** Go into your second (empty) Canvas course then copy the content from your first course that has Knewton Coursework and is organized to your liking. ([Not sure how to do that?](#))

**Step 14.** Click the Assignments section of your Canvas Course. Locate the **Link this section to Knewton Alta** link.

**CLICK THIS LINK BEFORE CLICKING ANY OTHER ASSIGNMENT LINK!**



**Step 15.** Click **Load Link this section to Knewton Alta in a new window**. In the new window, click **Create**. This will automatically create another, new, Alta Section under your Alta Course in your Knewton Alta account.



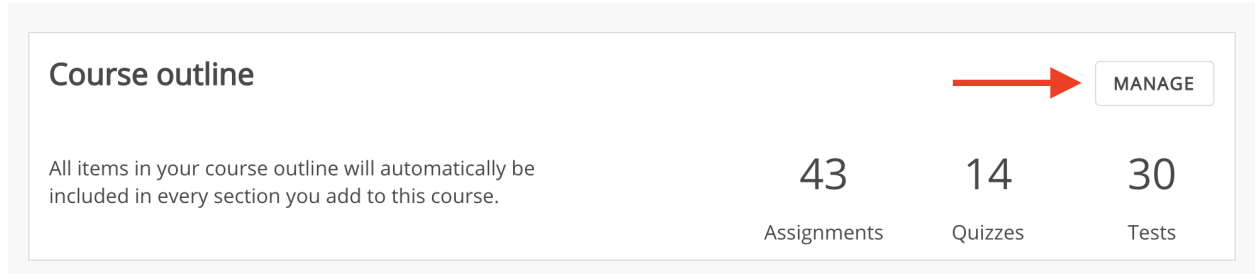
**Step 16.** Repeat Steps 13 - 15 in all of your Canvas courses which you like to have copies of!

## Adding individual Alta assignments to Canvas

If you add additional assignments after you've imported your common cartridge, you can still import the newly added assignments individually.

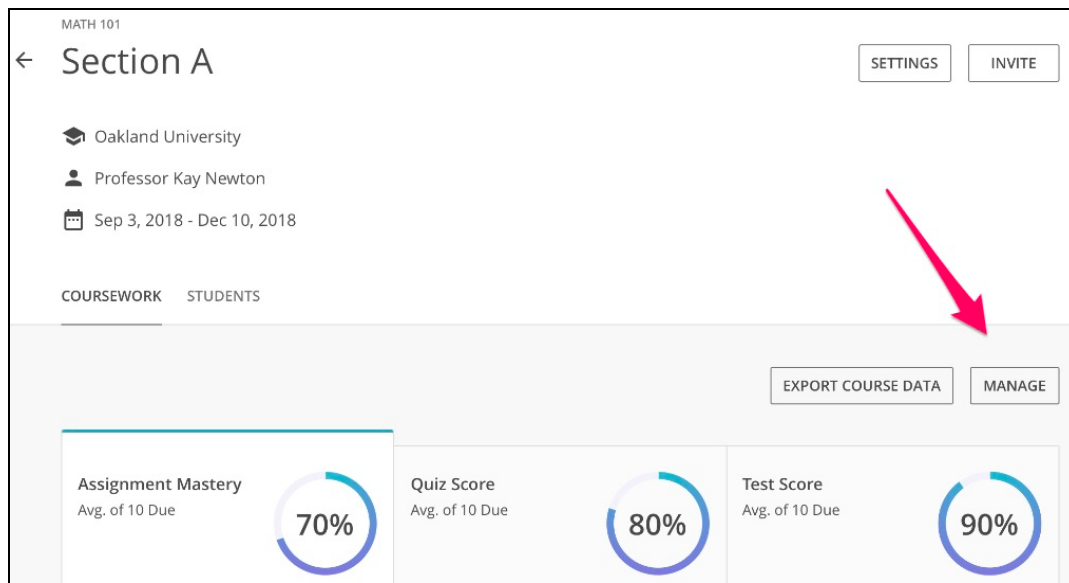
**Step 1.** Log into your Knewton Alta account and navigate to either your course or section outline where you have added the new assignment. Note if you have multiple sections in the LMS, this process will need to be completed for each section. Click the **Manage** button to view an outline of your coursework.

At Course Outline level:



The screenshot shows the 'Course outline' section of the Knewton Alta interface. It includes a header with the title 'Course outline' and a 'MANAGE' button, which is highlighted by a red arrow. Below the header, there is a note: 'All items in your course outline will automatically be included in every section you add to this course.' To the right of this note, there are three statistics: '43 Assignments', '14 Quizzes', and '30 Tests'.

At Section Outline level:



The screenshot shows the 'Section A' page for 'MATH 101'. It includes a header with the section title 'Section A' and buttons for 'SETTINGS' and 'INVITE'. Below the header, there is information about the course: 'Oakland University', 'Professor Kay Newton', and the dates 'Sep 3, 2018 - Dec 10, 2018'. There are two tabs: 'COURSEWORK' and 'STUDENTS'. Below the tabs, there are two buttons: 'EXPORT COURSE DATA' and 'MANAGE', with a pink arrow pointing to the 'MANAGE' button. At the bottom, there are three circular progress indicators showing 'Assignment Mastery' at 70%, 'Quiz Score' at 80%, and 'Test Score' at 90%.

**Step 2.** Scroll until you find the new assignment, quiz, or test you'd like to add. Click the 3 dots next to the assignment you want to add and choose **Copy LTI link**.

MY COURSES &gt; COURSE &gt; SECTION

## ← Manage Section Outline

Coursework added here will only apply to this section. Some options may be disabled for coursework included on the course outline.

**Course Outline**

EDIT ORDER

ADD

|                                                |                |                    |
|------------------------------------------------|----------------|--------------------|
| Add and Subtract Integers                      | COURSE OUTLINE | Edit               |
| Introduction to Fractions                      | COURSE OUTLINE | Copy LTI link      |
| Multiples and Factors                          | COURSE OUTLINE | Preview as student |
| <div>QUIZ</div> Add and Subtract Whole Numbers | COURSE OUTLINE | Delete             |
| <div>QUIZ</div> Multiples and Factors          | COURSE OUTLINE | Aug 10, 2023       |

**Step 3.** Navigate back to your Canvas course to the Assignments page and click on the + Assignment button.

Grades

People

Pages

Files

Syllabus

Outcomes

Quizzes

Modules

Conferences

Collaborations

course\_navigation

Text

Remote Proctor Now

Assignments

Settings

+

Knewton Coursework

|                                                                  |         |   |      |
|------------------------------------------------------------------|---------|---|------|
| <div>+</div> Moodle PreALG Test Review Center                    | 0 pts   | ✓ | 0.00 |
| <div>+</div> Add and Subtract Whole Numbers                      | 100 pts | ✓ | 0.00 |
| <div>+</div> Add and Subtract Integers                           | 100 pts | ✓ | 0.00 |
| <div>+</div> Multiply and Divide Integers One Learning Objective | 100 pts | ✓ | 0.00 |
| <div>+</div> Operations with Decimals quiz                       | 100 pts | ✓ | 0.00 |
| <div>+</div> Test 1                                              | 100 pts | ✓ | 0.00 |

Cor

Noti

**Step 4.** On the Add Assignment screen, enter a name, due date, and point value. Then click **More Options**.

Add Assignment to Coursework (Knewton alta)

Type: Assignment

Name:

Due:

Points:

0

More Options

Cancel

Save & Publish

Save

**Step 5.** Scroll down to the Submission Type section and choose **External Tool** from the dropdown menu. Then paste in the copied LTI link from your Alta assignment into the **Enter or Find an External Tool URL** field (no need to click Find). At the bottom, click **Save and Publish**.

0 words

Points 100

Assignment Group Assignments

Display Grade as Points

☐ Do not count this assignment towards the final grade

Submission Type

External Tool

External Tool Options

Enter or find an External Tool URL

https://www.knewton.com/lti/launch/

Find

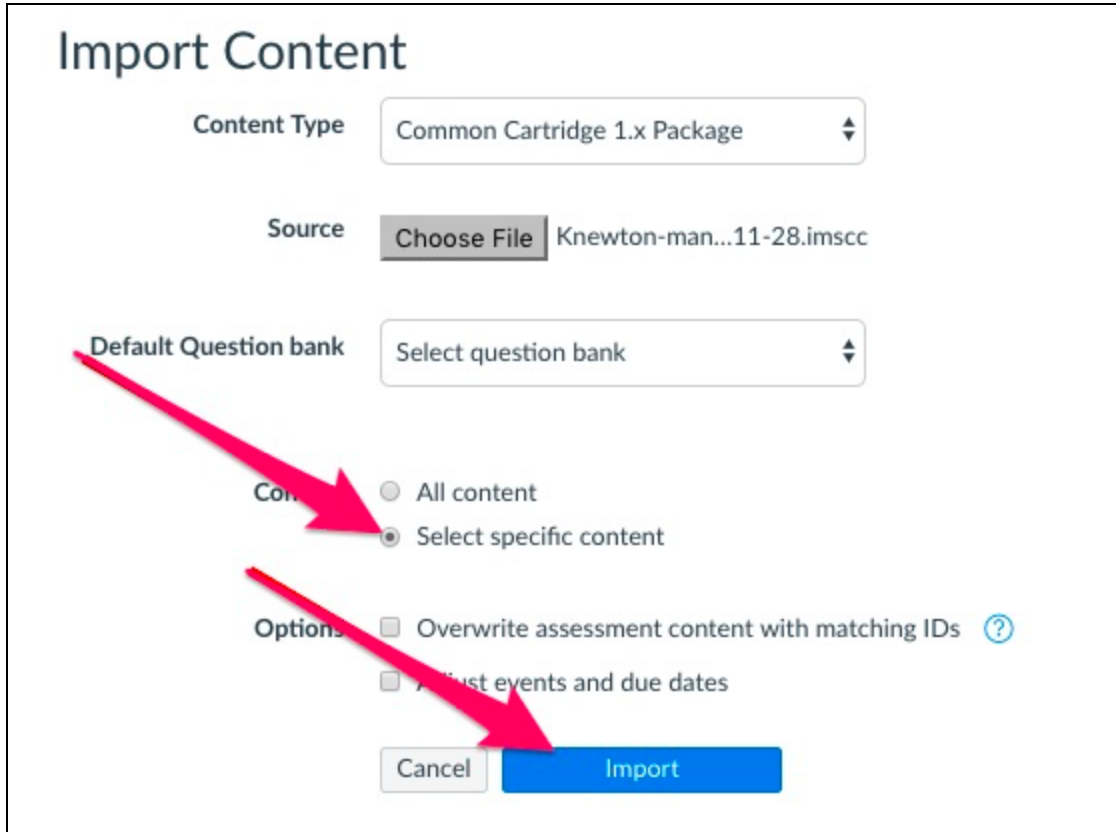
☐ Load This Tool In A New Tab

Anonymous Instructor Annotations

☐ Anonymize all annotations made by instructors on submissions for this assignment in SpeedGrader

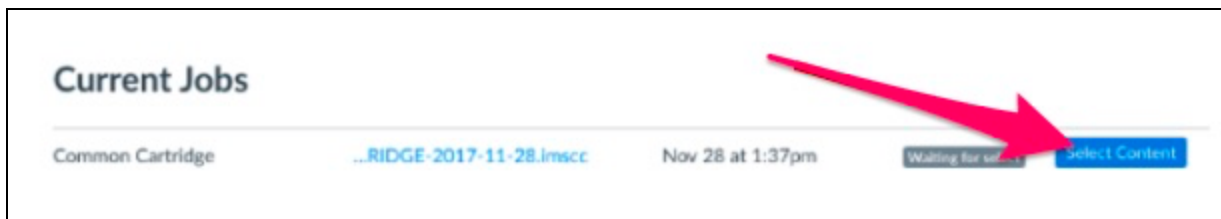
## To only add specific activities from a cartridge:

On the “Import Content” screen (after Step 5 above), under **Content**, select **Select specific content**, and click **Import**.



The screenshot shows the 'Import Content' interface. At the top, the title 'Import Content' is displayed. Below it, the 'Content Type' is set to 'Common Cartridge 1.x Package'. The 'Source' section shows a 'Choose File' button and the filename 'Knewton-man...11-28.imsc'. The 'Default Question bank' is set to 'Select question bank'. Under the 'Content' section, there are two radio buttons: 'All content' (unselected) and 'Select specific content' (selected). A red arrow points from the 'Select specific content' radio button to the 'Import' button. Another red arrow points from the 'Import' button to the 'Import' button. The 'Options' section has two checkboxes: 'Overwrite assessment content with matching IDs' (unchecked) and 'Adjust events and due dates' (unchecked). At the bottom, there are 'Cancel' and 'Import' buttons. A red arrow points from the 'Import' button to the 'Import' button.

On the “Current Jobs” screen, click **Select Content**.



The screenshot shows the 'Current Jobs' interface. At the top, the title 'Current Jobs' is displayed. Below it, there is a table with three columns: 'Common Cartridge', '...RIDGE-2017-11-28.imsc', and 'Nov 28 at 1:37pm'. To the right of the table, there is a 'Waiting for...' status and a 'Select Content' button. A red arrow points from the 'Select Content' button to the 'Select Content' button.

Then, select your assignments and the corresponding LTI links.

Select Content

→  Modules (1)

↓  Assignments (67)

☒ Add and Subtract Whole Numbers

☒ Quiz: Multiply and Divide Whole Numbers\_part 1

☒ Multiply and Divide Whole Numbers

Select Content

→  Modules (1)

→  Assignments (67)

↓  LTI External Tools (67)

☒ Add and Subtract Whole Numbers

☒ Quiz: Multiply and Divide Whole Numbers\_part 1

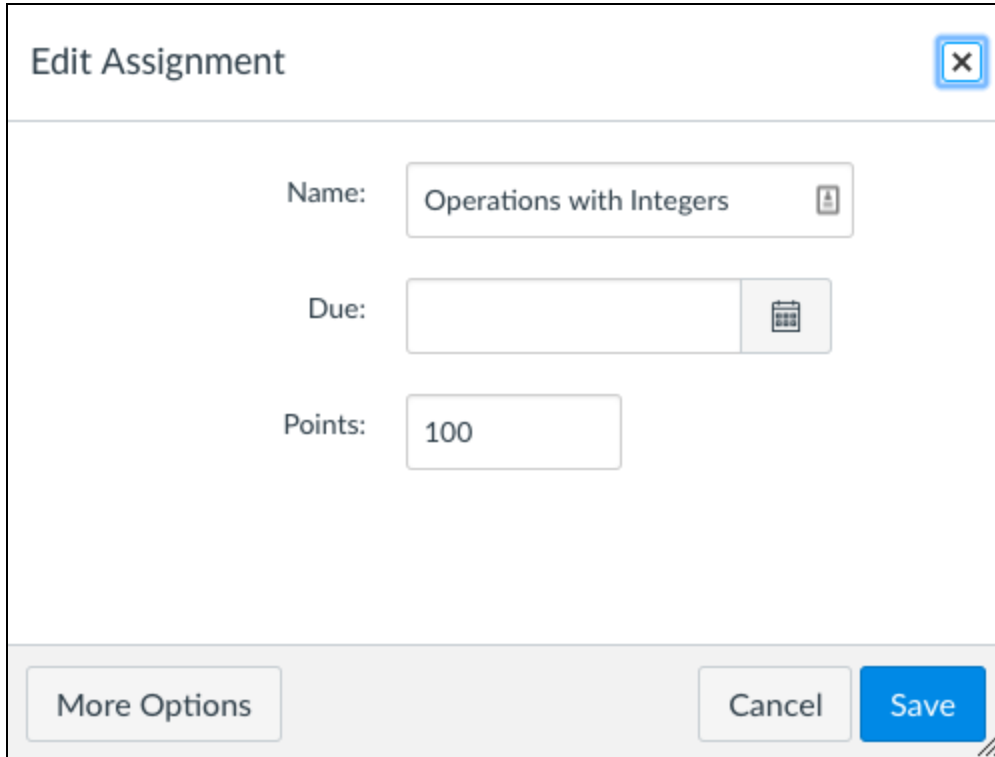
☒ Multiply and Divide Whole Numbers

To apply grades and edit due dates:

Edit each assignment and select the points and due date

- Notes:
  - By default we set each assignment to 100 points. You can change the point value to any value you'd like in Canvas. When it comes to gradebook passback, we send over a percentage to the Canvas gradebook and it will convert to the point value specified in Canvas. For example, if you have the point value as 10 points in your Canvas assignment and the student earns 80% on the Alta assignment by the due date, then the Canvas gradebook will show as 8/10 points. You do need to adjust the point value per assignment if you wish to change to another value other than the default 100 points.

- You may wish to consider Assignment Group Weighting in Canvas if you would like Knewton Alta assignments or assessments to only count as a certain percentage towards your total grade. Reach out to your Knewton representative if you would like more information about this Canvas feature.
- Altering due dates in Canvas will not alter corresponding due dates in Knewton Alta



The image shows a 'Canvas Edit Assignment' dialog box. It has a title bar with the text 'Edit Assignment' and a close button (X) in the top right corner. The main area contains three fields: 'Name' with the value 'Operations with Integers' and a document icon; 'Due' with an empty date field and a calendar icon; and 'Points' with the value '100'. At the bottom, there are three buttons: 'More Options', 'Cancel', and 'Save'.

Congratulations! You've successfully linked your Knewton Alta assignment to your Canvas course.

**Note:** Assignments from Alta that have passed the due date will automatically move to the Canvas **'Past Assignments'** folder, where they will continue to be accessible.

Search for Assignment

SHOW BY DATE SHOW BY TYPE

▼ Upcoming Assignments

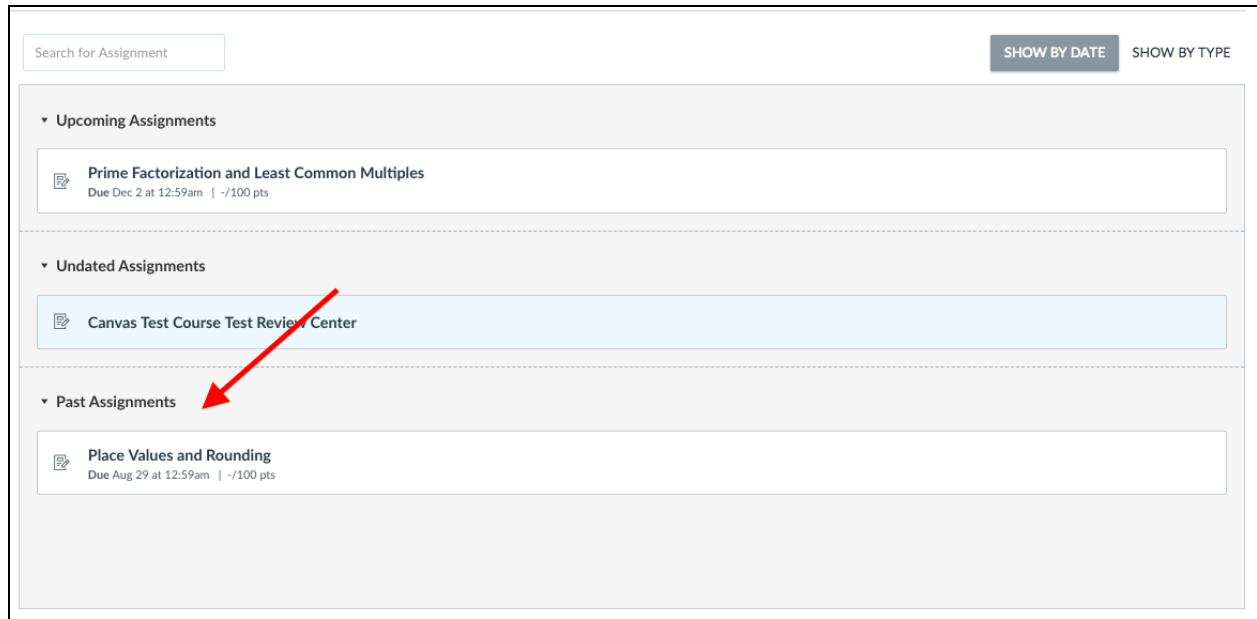
Prime Factorization and Least Common Multiples  
Due Dec 2 at 12:59am | ~/100 pts

▼ Undated Assignments

Canvas Test Course Test Review Center

▼ Past Assignments

Place Values and Rounding  
Due Aug 29 at 12:59am | ~/100 pts



## B. Testing the Assignment Link

**Step 1.** Under **Settings**, click on **Student View**.

Unsaved - Settings

Home Course Details Sections Navigation Apps Feature Options

Announcements

Assignments

Discussions

Grades

People

Pages

Files

Syllabus

Outcomes

Quizzes

Modules

Conferences

Collaborations

course navigation Text

Drag and drop items to reorder them in the course navigation.

Home

Announcements

Assignments

Discussions

Grades

People

Pages

Files

Syllabus

Outcomes

Quizzes

Modules

Conferences

Student View

Course Statistics

Course Calendar

Conclude this Course

Delete this Course

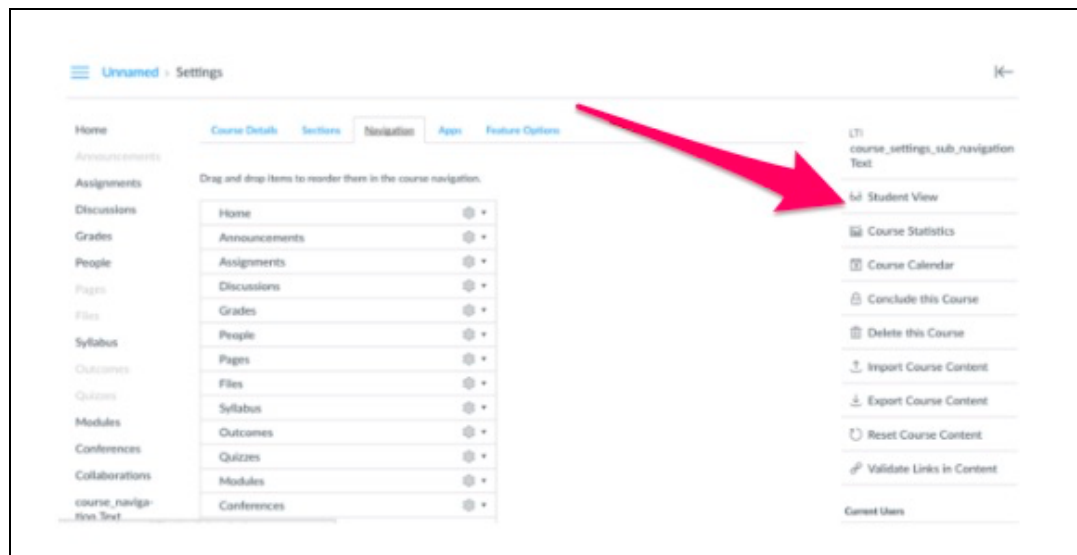
Import Course Content

Export Course Content

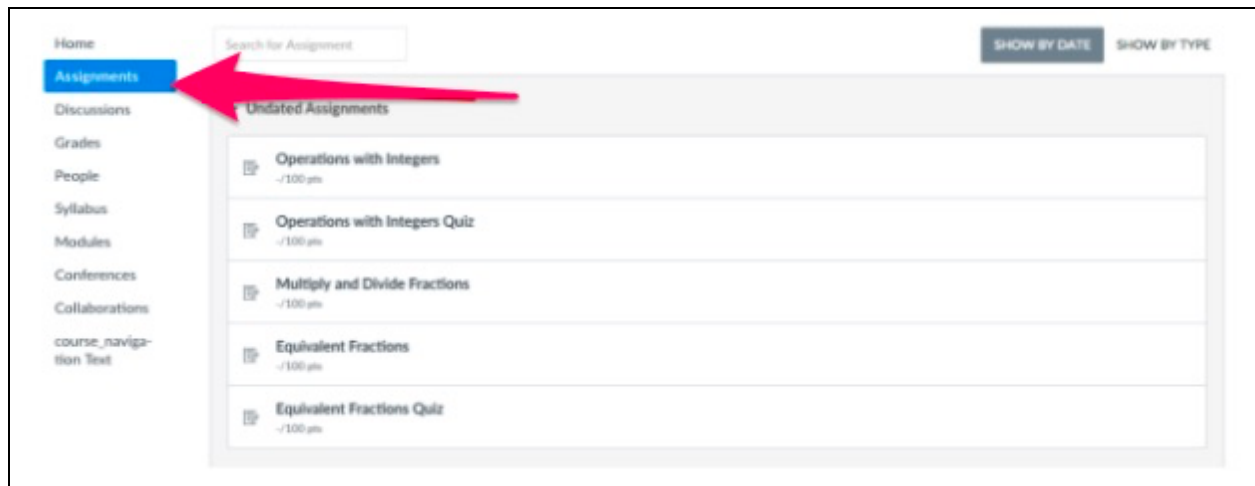
Reset Course Content

Validate Links in Content

Current Users



**Step 2.** Click on **Assignments**, then click on a particular assignment.



You should see your Knewton Alta assignment open within your Canvas course.



*Note: If you'd like to experience what your students will see the first time they click a Knewton Alta link from your Canvas course, feel free to proceed through the onboarding screens and begin the Knewton Alta assignment. This won't mess anything up for your real students.*