

Moodle LMS Integration

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Integrating Links into your Moodle Course

This article describes how to add Norton digital learning tool links with Learning Tools Interoperability (LTI) integration that provide single sign in for students and automatic grade reporting to your Moodle Learning Management System (LMS) course.

Prerequisites: In order to add a Norton digital learning tool link that provides single sign in for students and automatic grade reporting, you will need a Norton instructor account. If you do not have a Norton instructor account, please visit our [Instructor Resources](#) page, or contact your [Norton representative](#) to request one.

Hide All Answers

Step 1: Add integrated links

Option A: Individual Activity Link Integration

1. Export a Common Cartridge file with your W. W. Norton Links.

- While you're logged into your Norton instructor account on your textbook's Digital Landing Page, open the account menu in the upper right-hand corner and select "Export Content to LMS."
 - If you don't see this menu option, it may mean that you don't have instructor credentials on your account yet. Please contact your Norton representative for help.
- Follow the steps provided onscreen to select your course materials.
- On the final screen, click the "Generate Common Cartridge" button to save it to your computer.

2. Import the Common Cartridge into your Moodle course.

- Log in to your Moodle account and navigate to your course.
- In the main course view page, open the Actions menu (with the gear icon) and select **Restore**.
- On the Import a **Backup File section**, click "Choose a File."
- On the File Picker page, click "Upload a File."
- Click Browse to locate the Common Cartridge file you exported. Click "Upload This File."
- Check that the file name appears correctly in the "Import a Backup File" section, and then click "Restore."
- Make appropriate content selections and settings on the following restoration pages, clicking Continue at the bottom of each one.
 - On the Course Settings page, ensure "Overwrite course configuration" is set to No.
 - Ensure the Overwrite checkbox next to "Course name" is unchecked.
 - Ensure the Overwrite checkbox next to "Course short name" is unchecked.
 - At the end of the process, click "Perform restore."
- The Restore process may take some time. At the bottom of the Review page, click Perform Restore.

(This may take a while.)

- On the Complete page, click Continue to access the imported content.

3. Check that your links appear correctly in Moodle.

- Your links should be ready once Moodle finishes importing the Common Cartridge file, but double-check that everything looks good.
- In the main course view, in the Actions menu, make sure you've turned editing on.
- For at least one link, click "Edit" next to its name and then "Edit Settings."
- In the **General** section, under "Tool URL," make sure that a checkmark appears with a "tool configuration" name for the W. W. Norton LTI tool.
 - If you don't see this, more setup may be required before the LTI integration works. Please contact your W. W. Norton representative for help.
- Change the Launch Container to New Window (you may need to click "Show More" to see this option).
- In the Grades section, change the Grade Type to None for ungraded activities (e.g. the ebook, playlists, etc.)
- Save your changes.

If you imported any graded items, like InQuizitive activities, you'll need to set the gradebook value for every link.

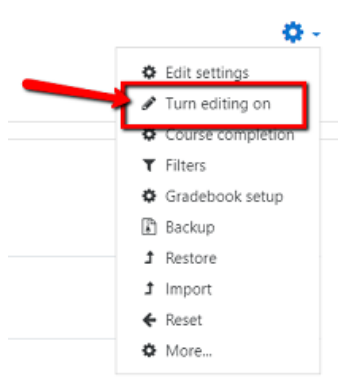
- Click "Edit" next to the graded activity link, and then "Edit Settings."
- Check that the Tool configuration appears correctly, as described in step 3 above.
- In the Grade section, set the gradebook value that you want.
- Save the changes, and repeat for each graded activity link.

4. Next Steps

- If you haven't already created a Student Set in your W. W. Norton product, you must do that to complete your course set up. Follow the steps below under "[Creating a Student Set](#)."
- If this is the first time you're using LTI integration with W. W. Norton, you should test your tool integration too. Follow the steps below under "[Test Integration](#)."

Option B: Product Home Page Integration

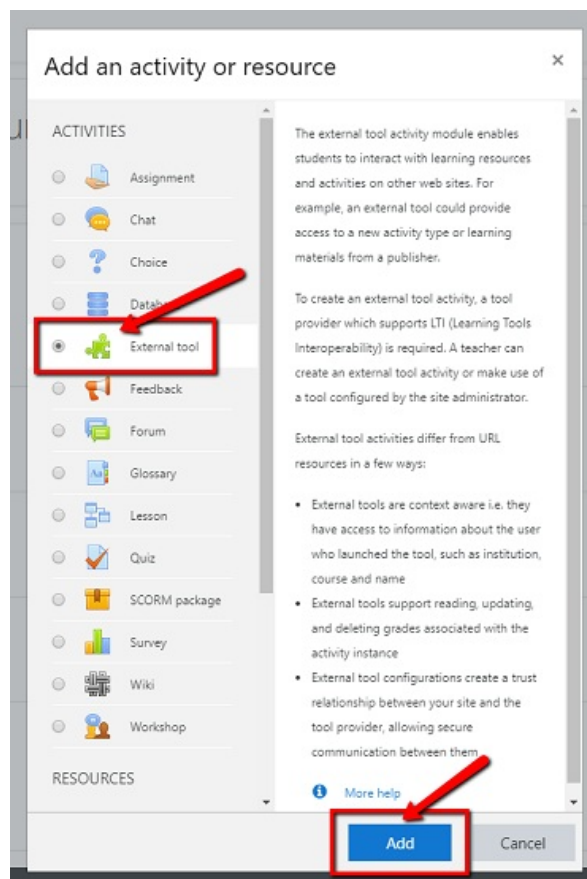
1. Log in to your LMS with your instructor account and enter your course.
2. Select the Gear icon and select **Turn editing on**.



3. In the topic of your choice, click on **Add an activity or resource**.



4. Select **External Tool** and click **Add**. If you are given a choice between general and commercial content, choose general tool.



5. Give the activity a descriptive name (e.g. Ebook, InQuizitive, Smartwork, etc.).

6. In the **Tool URL** field, enter the URL provided by your Norton representative.

7. Leave **Preconfigured tool** set to **Automatic, based on tool URL**.

- If using a product home page link, the URL will look like:

<https://ncia.wwnorton.com/productname-BOOKCODE>, where **productname** is replaced with the name of the Norton tool and **BOOKCODE** is replaced with the code for the book you are using.

Adding a new External tool to Topic 1

General

Activity name: W. W. Norton

Preconfigured tool: Automatic, based on tool URL

Tool URL: <https://ncia.wwnorton.com/productname-BOOKCODE> ✓ Using tool configuration: W. W. Norton

Note: Ignore the Tool configuration not found for this URL message if shown.

Display description on course page

Display activity name when launched

Display activity description when launched

Preconfigured tool: Automatic, based on tool URL

Tool URL: <https://ncia.wwnorton.com/productname-BOOKCODE> ✓ Using tool configuration: W. W. Norton

Secure tool URL

Launch container: New window

Consumer key: yourschooledu

Shared secret: Click to enter text

Custom parameters

8. If your Norton representative contact has told you that we've worked with your campus IT department to enable integration campus-wide, select **Default** for the **Launch container** setting. Click the Gear and select **Turn editing off**. Go to **Step 15** below. Otherwise, continue on to step 9.
9. Ensure **Display activity name when launched** is checked.
10. Ensure the **Preconfigured tool** is set to **Automatic, based on tool URL**.
11. Ensure **Launch container** is set to **New Window**.
12. Enter the **Consumer Key**: copy and paste the Consumer Key provided by your Norton representative, which will look like yourschooledu.
13. Enter the **Shared Secret**: copy and paste the Secret provided by your Norton representative, which will be a random 10 character code.
14. Expand the **Privacy** section and make sure the **Accept grades from the tool** checkbox is checked. The other boxes do not need to be checked.
15. Expand the **Grade** section and select Points from the drop-down menu and set the Maximum grade to some nonzero value, such as 10. If you do not want this link to report to the Moodle gradebook (e.g. the ebook, playlists, etc.), change Grade Type to None.

16. Expand the **Common module settings** and make sure the **Availability** drop-down menu is set to **Show on course page**.
17. Scroll down and Click **Save and return to course**.

Step 2: Create a student set

1. Click the Gear and select **Turn editing off**.
2. Click the link you just created, which will launch the Norton digital learning tool in a new browser tab.



3. You will be prompted to sign in or register. If you have a Norton account, please use the associated email address and password to sign in. Otherwise, use the No, I need to register... option and register using your school email address. If you have a Norton account and you're unsure of your Norton password, use the "Forgot Your Password?" function below the password field.

A screenshot of the InQuizitive sign-in page. The header features the InQuizitive logo on the left and a bird icon on the right. Below the header, the text "Have you already registered for InQuizitive?" is displayed. There are two radio button options: "Yes, I want to sign in:" (selected) and "No, I need to register, purchase, or sign up for trial access." Below the "Yes" option, there are two input fields: an email field containing "drprofessor@school.edu" and a password field with masked characters. Red arrows point to both input fields. To the right of the password field is a link that says "Forgot your password?". At the bottom, there is a teal "Sign In" button with a checkmark icon. Below the button, it says "Need help? Contact W. W. Norton Customer Support".

4. The first time you access a Norton digital learning tool from your course, you will be prompted to create a new student set, or copy an existing student set. For instructions on creating and managing student sets, please see our article about Creating New Student Sets, <https://wnnorton.knowledgeowl.com/help/inquizitive-instructors-lms-integration> or <https://wnnorton.knowledgeowl.com/help/smartwork5-instructors-getting-started>.
5. Once signed in with your Norton account, and created the Student Set, you will land on the Norton product home page or the specific activity for the book you are using (product home page pictured below). You should see a green Connected to LMS badge and the new Student Set ID associated with your course in the drop-down menu.

Psychological Science
SIXTH EDITION
Michael Gazzaniga

Purchase Options
✓ CONNECTED TO LMS

InQuizitive
Formative Adaptive Quizzing

224754 (New Course)

Export This Data

Student Grades

Create Custom InQuizitive Assignment

ASSIGNMENT TITLE	GRADES ACCEPTED UNTIL	SUBMITTED GRADES	AVG. TIME SPENT (MM:SS)	AVG. GRADE
How to Use InQuizitive	[set]	–	–	–
Chapter 1: The Science of Psychology	[set]	–	–	–

6. if you're using **Smartwork** or **ZAPS** individual activity links, the Connected to LMS notification appears in the user options menu which, you will see by clicking your username in the upper right of the activity page.

Username: **sw5instructor@school.edu**

- ? Smartwork5 Help
- Manage Student Sets
- ↔ Connected to LMS

7. After signing in, close the tab with the Norton digital learning tool page.

IMPORTANT: In the future, to access any Norton digital learning tool, always use the link from your course and you will be automatically signed in. You can confirm this by looking for your school email address in the upper right of the Norton tool page.

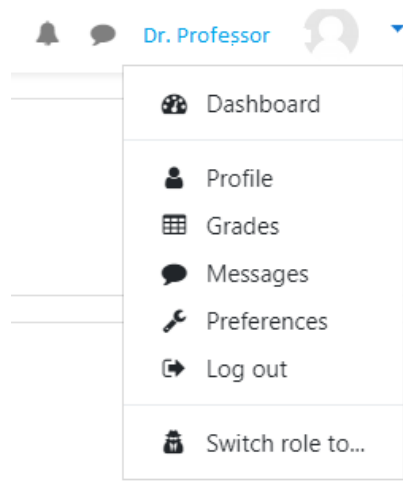
W. W. Norton & Company, Inc.
INDEPENDENT PUBLISHERS SINCE 1923

INQUIZITIVE

drprofessor@school.edu

Step 3: Test integration

1. From your Moodle course, switch to student view by clicking your name in the top-right corner of the course, and select **Switch role** then select **Student**.
2. Alternatively, you can access Student View by logging in with a test student account.



Switch role to...

Choose a role to get an idea of how someone with that role will see this course.

Please note that this view may not be perfect ([See details and alternatives](#)).

Non-editing teacher

Student

Guest

Cancel

3. Locate the link to the Norton tool (e.g., Ebook, Smartwork, InQuizitive, etc.) and click it.

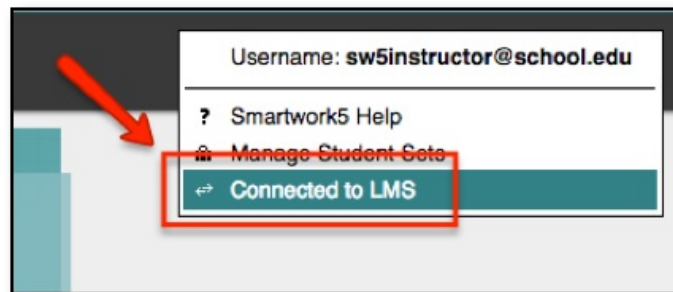
4. The Norton product launch page or specific activity for the book you are using will open in a new browser tab. You will be prompted to sign in as a student, however, you can still use your Norton instructor account to do so.

A screenshot of the InQuizitive interface. At the top, there is a header with the W. W. Norton & Company, Inc. logo, the text 'INQUIZITIVE', the user email 'drprofessor@school.edu', and a settings gear icon. Below the header, the main content area features a book cover for 'Psychological Science: Sixth Edition' by Michael Gazzaniga. To the right of the book cover, there is a 'Purchase Options' button and a green badge that says 'CONNECTED TO LMS'. At the bottom left, there is an InQuizitive logo and the text 'Formative Adaptive Quizzing'.

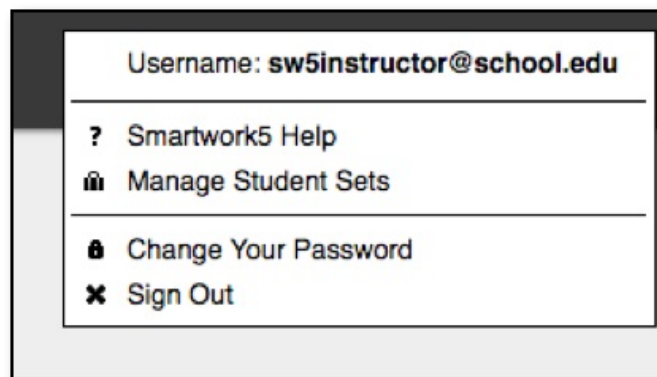
5. On the Norton product page, confirm that you see a green badge labeled Connected to LMS. If instead you see a red LMS Connection Not Made badge, skip to **Reporting error messages**, below or [Click Here](#).



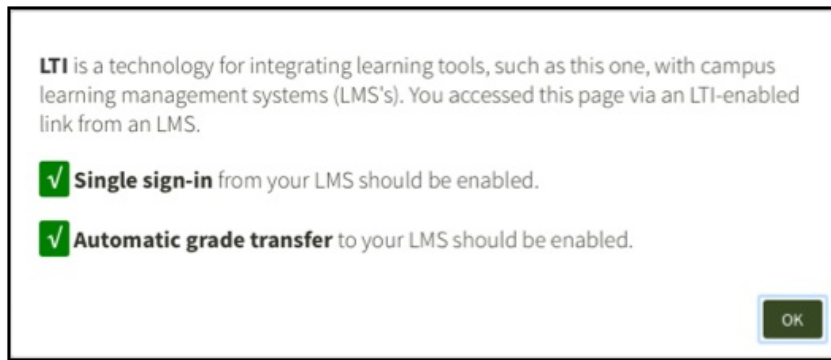
- If you're using **Smartwork** or **ZAPS** individual activity links, the Connected to LMS notification appears in the user options menu, which you will see by clicking your username in the upper-right corner of the activity page.



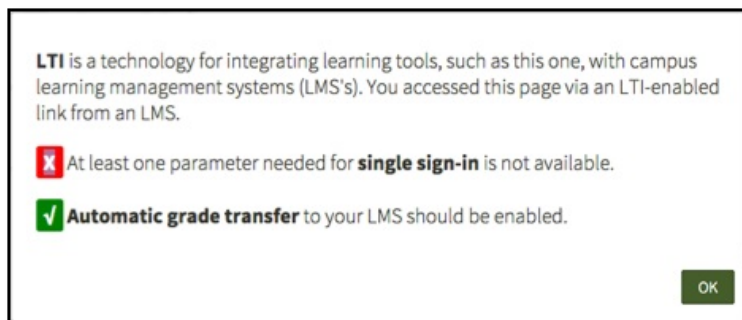
- If you do not see Connected to LMS in the user options menu, skip to **Reporting error messages**, below or [Click Here](#).



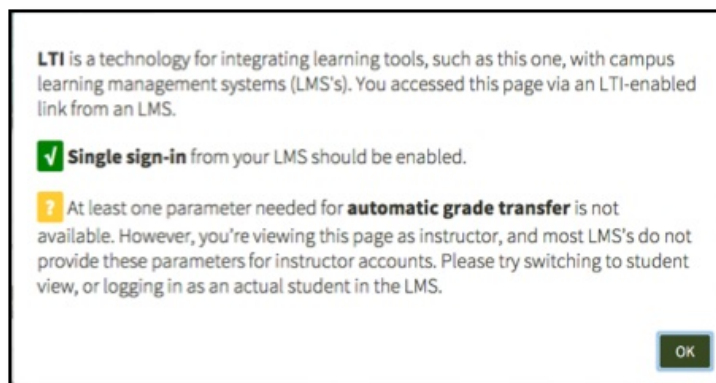
6. If you added a gradable activity (such as **InQuizitive**, **Smartwork**, or **ZAPS**), click anywhere in the **Connected to LMS** badge (or the Connected to LMS user options menu entry for a **Smartwork** or **ZAPS** activity page) and an explanatory box will appear over the page.



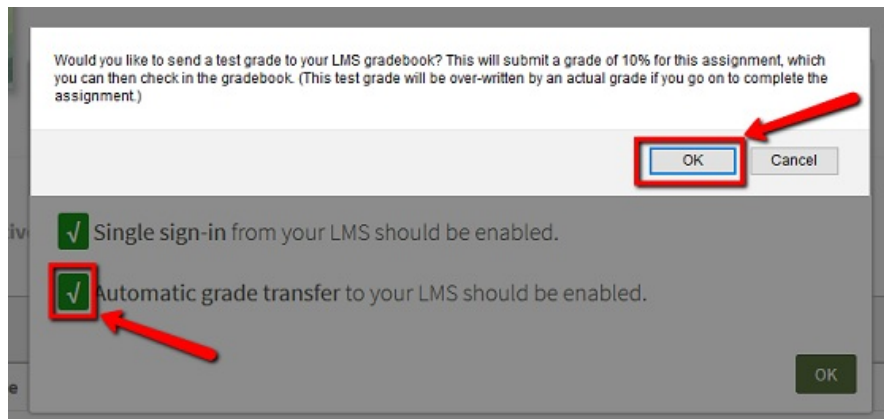
- If you see a red X next to Single sign-in or Automatic grade transfer, skip to **Reporting error messages**, below or [Click Here](#).



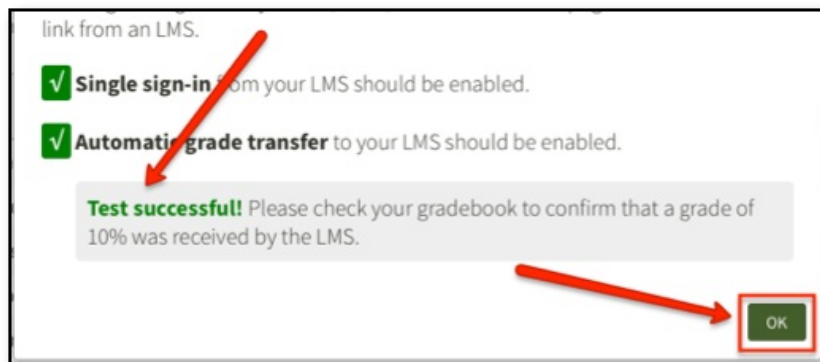
- If you see a yellow ? and the message, At least one parameter needed for..., close the Norton product tab in your browser and reconfirm that you launched the link from your LMS in **Student View** or are using a student account.



7. Click on the green checkmark icon next to **Automatic grade transfer**, then click **OK** in the confirmation message pop-up window to send a grade.



8. Confirm that a Test successful! message appeared below Automatic grade transfer.



9. Switch back to the browser tab with your course and verify a grade of 10% appears for the Norton activity **Grades** in your Moodle course.



- If you did not see a Test successful! message, or the grade did not appear in **Grades**, skip to **Reporting error messages**, below or [Click Here](#).

W.W. Norton Test Link	50.00 %	10.00	0-100	10.00 %
W.W. Norton	50.00 %	10.00	0-100	10.00 %
Course total	-	20.00	0-200	10.00 %

10. Close the browser tab with the Norton product page.

11. You should now exit student view. Select the **Dashboard Menu** and click **Return to my normal role** or log out of the student account. The link is ready for use by your students. See, **Next steps**, below or [Click Here](#), for additional instructor suggestions.

12. If you added an **eBook** link or if you added a link that is **not** a gradable activity, go to **Next steps**, below, for additional instructor suggestions.

Step 4: Grading and due dates

Review Settings

1. By default, Moodle creates a column in your course grade book for any gradable Norton tool whenever you create an external tool assignment.

- If you are not using the Norton product home page, but rather adding individual activity links in your course, return to **Step 1; Option A**, above and repeat **Step 3**, as needed, for each individual activity link or URL, you are adding to the course.

First name / Surname ^		Email address	InQuizitive	W.W. Norton	Course total
Paige Turner		paige@nowhere.com	-	-	-
Overall average		Overall average	-	-	-

NOTE: Versions of Moodle *before* v2.8.2 do not allow you to change the point value for an external tool link's corresponding grade in the grade book; its value is fixed at 100 points. As a workaround, we suggest you adjust the weighting of the grade in the Moodle grade book configurations. Please visit https://docs.moodle.org/27/en/Using_'Weighted_mean_of_grades' or contact your campus's IT administrator for details on how to do this.

Set GAUs (Grades Accepted Until)

2. If you would like to set **GAUs** for your Norton activities, click the Norton tool link in your course.

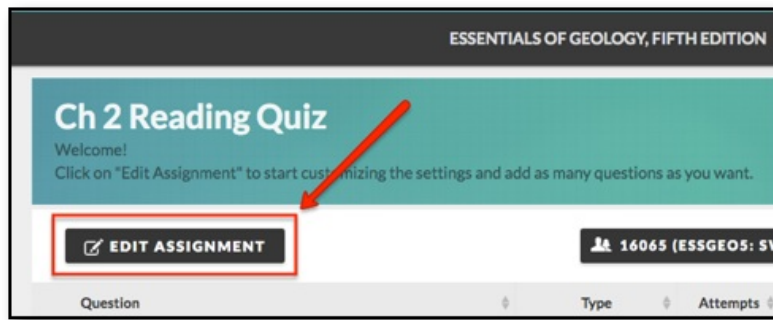
- If you have linked to a Norton product home page, click **[set]** next to the activity.

ACTIVITY TITLE	GRADES ACCEPTED UNTIL
How To Use InQuizitive	[set]
Chapter 1: The Science of Psychology	[set]
Chapter 2: Research Methodology	[set]
Chapter 3: Biology and Behavior	[set]

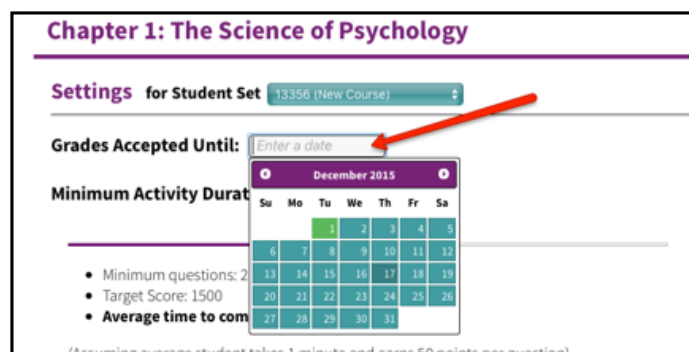
- If you have linked to an individual activity, click your Norton username in the upper right of the page, and select **Activity Settings** from the menu.

The screenshot shows the Norton user interface. At the top left, the user's email address 'astatum@wnnorton.com' is displayed with a gear icon. Below this is a book cover for 'PSYCHOLOGICAL SCIENCE'. On the right side, a user menu is open, showing the user's name 'User: astatum@wnnorton.com' and a list of options. The 'Activity Settings' option is highlighted with a red box. Red arrows point from the user's email address to the 'Activity Settings' option in the menu.

- If you have linked to an individual **Smartwork** activity, click the Edit Assignment button located below the activity title.



- Click the empty field next to Grades Accepted Until and select the desired date from the calendar.



3. By default, the GAU time is set to 11:59 PM of the date you selected. To change the GAU time, click the drop-down menu containing the time and select a new time. Be sure to choose your time zone in the next drop-down menu as well!

4. Select **Save Settings** at the bottom of the page when done.



5. The **GAU** for this activity is now set and you will receive notifications should a student attempt to submit a grade for this activity after the GAU has lapsed.

ACTIVITY TITLE	GRADES ACCEPTED UNTIL	SUBMITTED GRADES
How To Use InQuizitive	[set]	—
Chapter 1: The Science of Psychology	12/17/15 11:59 PM	—
Chapter 2: Research Methodology	[set]	—

For even more tips on configuring Norton digital learning tool links in your course, check out our [Instructor Help Notes](#).

Reporting error messages

Copy the text from any error message box and/or take a screenshot and send it to LTIsupport@wnorton.com. You will then be contacted by a support specialist who will assist you with further troubleshooting.

Alternatively, you can open a Service Desk Support ticket
