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Why use Pressbooks

Are you tired of asking your students to spend money each semester on expensive textbooks? Are you tired of having no input in the creation of course content? Do you wish that you could edit your textbooks? Would you like to find or create reading assignments that are fun, engaging, and interactive? With Pressbooks and H5P, you can create high-quality, editable textbooks with formative assessment activities built right in. Using H5P and pressbooks will also allow you to integrate Open Education Resources (OER) into your course.

What Are Open Educational Resources (OERs)?

> "Open Educational Resources are learning, teaching and research materials in any format and medium that reside in the public domain or are under copyright that have been released under an open license, that permit no-cost access, re-use, re-purpose, adaptation and redistribution by others." (UNESCO, 2022, para. 1)

Why Should You Use OER Content with Students?

- Increase students' access to learning material
- Reduce students' cost of education by providing free and open textbooks and other resources
- Open Education Resources enable you to retain, re-use, revise, re-mix, and re-distribute content (5Rs)
- With the addition of H5P interactive content, faculty can create fun and engaging reading assignments and incentivize students to read. In addition, faculty can create automated systems for monitoring student progress and understanding.

What Is the Benefit of Using Pressbooks to Re-use and Create OER Content?

Faculty can:

- Access available OER resources and update them
- Collaborate with students in knowledge creation as they work on projects
- Download H5P activities from Pressbooks resources and import them into Blackboard to create gradable activities.

What Is H5P and How Can It Benefit Faculty?

H5P is a plugin for Pressbooks and other publishing systems that enables users to create interactive content such as Interactive Videos, Presentations, Games, Quizzes, and more. As MC faculty with a Pressbooks account, you can add the H5P plugin and create, re-use, or modify interactive H5P activities. For more information about H5P, see the H5P chapter of this guide.

Why Are Pressbooks Necessary for Using H5P at MC?

- While an individual professor can go directly to H5P to create activities, those activities will not integrate with the Blackboard Grade Center.
- H5P content created in Pressbooks can be imported into Blackboard so that student scores appear in the Blackboard grade center, enabling MC faculty to monitor student progress.

How to Get a Montgomery College Pressbooks Account

Faculty and staff at Montgomery College may request a free account by going to https://pressbooks.montgomerycollege.edu/ and using the contact form at the bottom of the page. In your message, request the account and briefly explain your reason for using Pressbooks.

For each Pressbook you request, decide whether you want the Pressbook to be private or public. Note that private books can only be accessed by the administrator of the book and any users that the administrator sets. Public books can be accessed by anyone with the link. Please note that you will need to make the book public at some point when you are ready to share the book with your students.

How to Access Your Montgomery College Pressbooks Account

Once you have requested and received access to your free account, go to https://pressbooks.montgomerycollege.edu/.

Click on **Sign In** in the top right corner of the screen. You will be taken to a log in screen where you can enter the username and password that were provided.

After you log in, click on **Admin** from the menu at the top of the screen to begin creating or cloning a book.
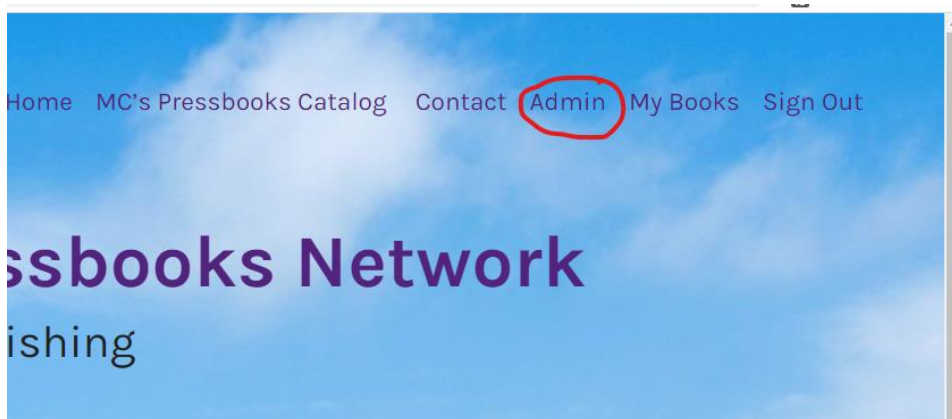
How to Find and Reuse Pressbooks Content

Yes, you can find and use textbooks at zero cost! Where can you find them?

- Start with the Montgomery College catalog to see what textbooks your colleagues have been working on.
- Search the Pressbooks directory for thousands of textbooks that can be easily and directly cloned into your own Pressbooks account. If you plan to make your own edits, be sure to check the Creative Commons (CC) license. For more information about Creative Commons Licenses visit the Creative Commons license page.
- If you still have not found the right book, try M.O.S.T. Commons or the eCampusOntario H5P catalog. However, please note that only Pessbooks can be cloned into your account. Non Pressbooks content can be imported by copying and pasting.

Once you find the right book, there are two options.

1. You can download any of the H5P activities to import them into your Pressbooks book and edit as needed, or

2. You can clone the entire book.
   This will give you a copy of the book that you can begin to edit and that you can import into Blackboard. The basic steps to clone a book are:
   1. Copy the book URL.
   2. Log into your Montgomery College Pressbooks account.
   3. From the main admin page, select the option to clone a book.
   4. Follow the instructions.

For more options and information, see the section of this guide called, "Getting Your Book into Pressbooks."

# How to develop H5P exercises from scratch in Pressbooks

First, Install the H5P Plugin in Pressbooks

This step is required to create H5P content in Pressbooks. Once finished, the H5P Content link will appear on the left navigation bar in Pressbooks.

1. Login to Pressbooks at https://pressbooks.montgomerycollege.edu/
2. Create a new book or edit an existing book to get to the Pressbooks Dashboard.
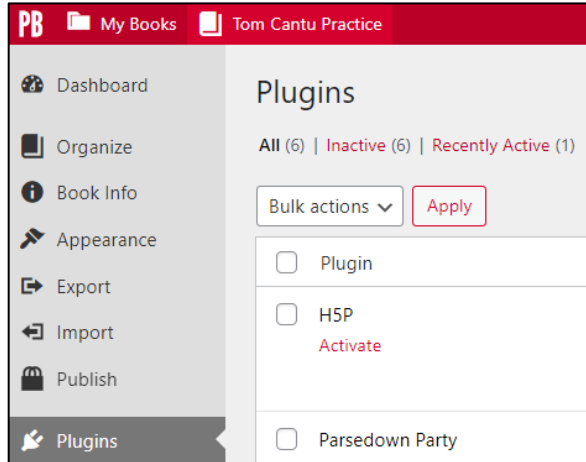
3. On the left navigation bar, click **Plugins**. On the Plugins screen, under H5P, click the **Activate** link in red.
4.
5. Then **H5P Content** will appear as a link on the left navigation bar. Click the link to begin creating H5P activities.
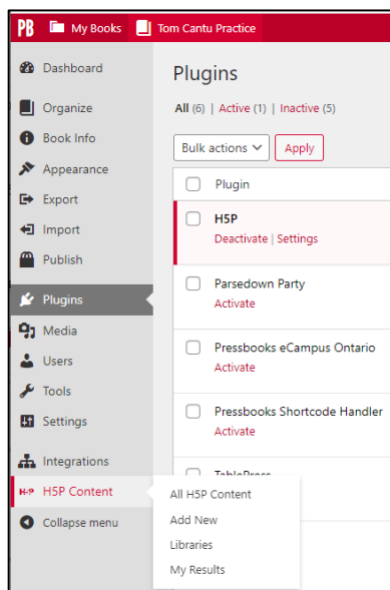
Second, Select the H5P Content Types to Use

See the types of questions H5P offers:

Examples and Downloads | H5P

https://h5p.org/content-types-and-applications

Third, Verify that the Content Types are Accessible

To ensure that your H5P activities are inclusive, check the *H5P Content Types Recommendations* page to see if the content types you selected are A) accessible, B) if the H5P core team is maintaining each content type, and C) if the content type has any known browser limitations. See the H5P Content Types Recommendations page.

For Example: Use *Image Hotspots* questions instead of *Find the Hotspot* questions. *Image Hotspots* questions are accessible, while *Find the Hotspot* questions are not.

Fourth, Create Your Own H5P Activities

Once the H5P Plugin is installed, click the **H5P Content** button on the left navigation bar to begin creating H5P activities.

Here are the steps to create H5P content in Pressbooks.

For instructions on creating each H5P activity, see the H5P Tutorials for each content type.

Learn more about creative pedagogical uses for H5P in Pressbooks by visiting The H5P Pressbooks Kitchen, a terrific set of resources created by our friends at BCCampus.

Or Find and Reuse H5P Activities

For some inspiration browse through the following:

- Pressbooks directory
- M.O.S.T. Commons
- eCampusOntario H5P catalog

H5P activities can be downloaded, imported into your own Pressbook, and then edited. See import H5P activities from other sources. You can then modify as needed to mix and match H5P activities.

Importing your Pressbook into Blackboard

Please note: For the best experience, you should develop your pressbook in its entirety before importing. Once your Pressbook is developed, take care to import the pressbook only one time.

When Importing a Pressbook, be careful to import the pressbook only once. Each time you import a pressbook, duplicate chapters will be created, and if you are linking the pressbook to the grade center, duplicate grade center columns will be created.

For the best experience, you should already have the book structure, including the chapters set, before importing the pressbook.

If you do find that you need to make alterations to the material inside of the individual chapters, those changes will be reflected in the pressbook.

However, the pressbook will not recognize any additional chapters added to the pressbook after the book has been imported into Blackboard.

Step 1: Make the Pb Book Gradable

At Montgomery College, the grade reporting feature for Pressbooks must be enabled for the Pressbook you create. This feature must be enabled for each book because a limited number of students can be graded using pressbooks at this time.
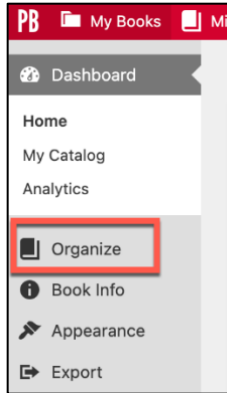
Christine Crefton oversees activating the Grade reporting feature. If you want the press book to be gradable, you must email Christine at Christine.Crefton@montgomerycollege.edu.

You will know if your pressbook is gradable by looking in the Allows grading column and noting if there is a Green Check. If you see that your pressbook is not gradable, contact Christine Crefton.

Step 2: Edit the LTI Settings to enable grading for each chapter

After making the press book gradable, it is time to decide which score will count in the grade Center, as you may only send one grade over to Blackboard. To do this, complete the following steps.

1. Click organize on the left-hand Dashboard menu.

2. You will see all your book chapters organized on one page.

3. For each chapter in your press book that you would like to grade, you must define what score will be counted. You can decide to count the average attempt, the best attempt, the first attempt, or the last attempt. Click the link for the chapter where you will determine what score will be counted.
4. The Edit Chapter Page Opens.
5. At the bottom of the Edit Chapter Page of Each Pressbook's chapter, you will see an LMS Grade reporting box. This area is titled LMS Grade Reporting, which stands for Learning Management System Grade Reporting Box.

In this box, you will see a listing of all the H5P activities you created in the chapter, along with the title, question type, and Max Score. Many of these settings, including the score and dates can be set in Blackboard. However, ensure you have clicked the Checkbox in the Include in Score Report column if it is not already checked.

This will ensure that the score for each activity is sent to the Grade Center.

H5P ID	Title	Type	Max Score	Include in Score Report
1	What city was Michele Born in (show activity)	Multiple Choice (1.16)	1 Update	☑

You will notice Beginning Dates and Ending Dates for each chapter.

Beginning Date: Setting a date for the beginning date means that activities will begin to be recorded in the Blackboard Grade Center after this date. Please note that you don't need to set a beginning date in pressbooks, because you can control the availability of activities by using Adaptive Release and only revealing chapter activities when you are ready for students to complete activities.

Ending Date: Setting a date for the ending means that activities will stop being recorded in the Blackboard Grade Center after this date. Again, you don't need to set an ending date in pressbooks because you can control when activities stop being graded by using Adptive Release to hide chapter activities when you are ready for students to stop submitting activities.

LMS Grade reporting ∧ ∨ ▲

Using the options below, you can configure this chapter to send an aggregate score for one or more gradable activities to the gradebook in your learning management system.

To add this activity to your LMS, you will need to provide this launch URL:

https://pressbooks.montgomerycollege.edu/michbooktest/format/lti/launch/5

[Include all activities in score report] [Remove all activities from score report]

H5P ID	Title	Type	Max Score	Include in Score Report
1	What city was Michele Born in (show activity)	Multiple Choice (1.16)	1 Update	☐

Beginning Date:

mm/dd/yyyy 📅

The first date for which attempts on activities in this chapter will be included in score reporting. Any attempts prior to this date will not be included in the score report.

Ending Date:

mm/dd/yyyy 📅

The final date for which attempts on activities in this chapter will be included in score reporting. Any attempts made after this date will not be calculated as part of the student's score.

Grading Scheme

Average Attempt ∨

Your preferred grading scheme for this chapter.

Designate this content as an assignment (Canvas only) ☐

6. You will notice that the grading scheme for activities defaults to average attempt, that is an average of scores each time a student completes H5P activities in a chapter. To change this, open the grading scheme drop-down menu, and select one of the other choices, best attempt, first attempt, or last attempt.

Grading Scheme

✓ Average Attempt

Best Attempt

First Attempt

Last Attempt

7. Make your choices, then in the Status & Visibility section on the right-hand side of the page, click the save button.
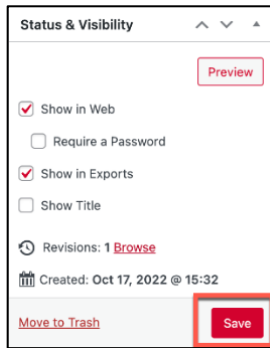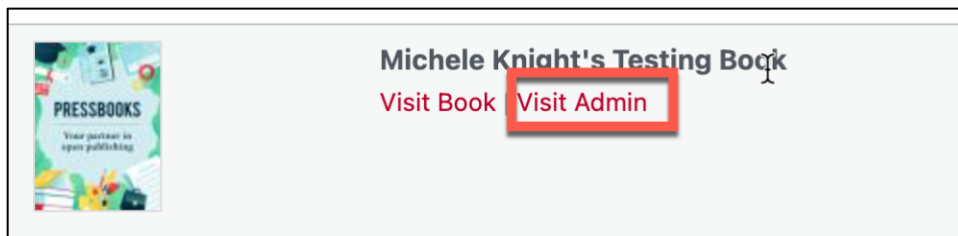

8. This will enable you to send the appropriate score for each chapter into the blackboard grade center.

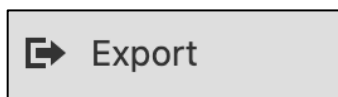## Step 3: Export the Pressbook to a Cartridge to import into Blackboard

1. From the Pressbook's Dashboard, click My Catalog.
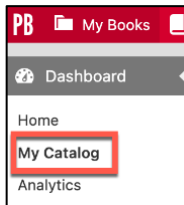
2. In PB, open the book to export as an admin by moving your mouse over the book, and clicking Visit Admin on the menu that appears.

3. Click **Export** on the left Navbar.

4. The Export Option Page appears.

5. In the Other Formats column, select the option for **Common Cartridge with LTI links (Blackboard, D2L, Sakai).**

6. Click the red **Export Your Book** button.

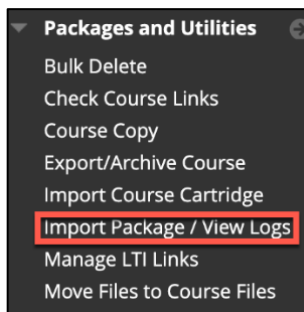a. The file appears in the **Latest Exports** area at the bottom of the screen.
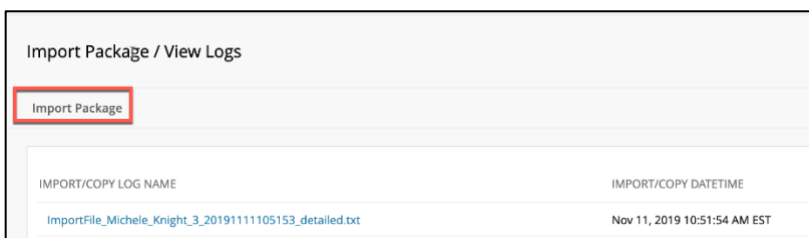b. Select the checkbox for the file and click **Download.**

## Step 4: Import the Pressbook Cartridge into Blackboard

1. In Blackboard, navigate to the Control Panel.
2. Expand Packages and Utilities
3. Click Import / Package View Logs

4. On the Import Package / View Logs page click the Import Package

5. Click the select package button.
6. Click Browse local files and upload the cartridge you uploaded during Step 3: Export the Pressbook to a Cartridge to import into Blackboard.
7. Scroll Down to Select course materials, and click the Select All Button
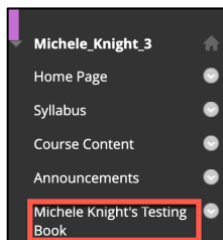8. Click Submit at the bottom of the page.
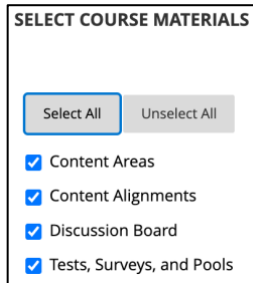
Step 5: Set up each H5P chapter to be gradable

Once the pressbook is successfully imported into your Blackboard course, you'll need to finish the configuration to enable your pressbook to be gradable.

On the course menu bar on the left-hand side, see the imported file as the last menu item.
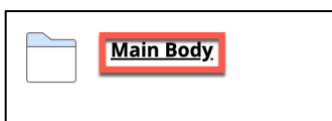
Click this link to see your Pressbook.

For each H5P chapter you want to be gradable, you will need to set the chapter to be gradable.

To do this:

1. Enter your **Blackboard Pressbook**.

Your Pressbook is Arranged in Blackboard into Parts in the same manner you set up your pressbook. These parts are folders. Each Folder Contains your individual pressbook chapters.

2. Click the folder which contains your pressbook chapters.

3. The Folder will open that containing your chapters.
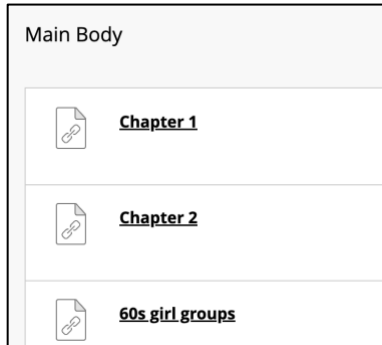
4. Navigate to the **Chapter** that you want to make gradable.
5. Click the **Action Link** to the right of the **Chapter**.
6. Click **Edit** on the **Menu** to appear.
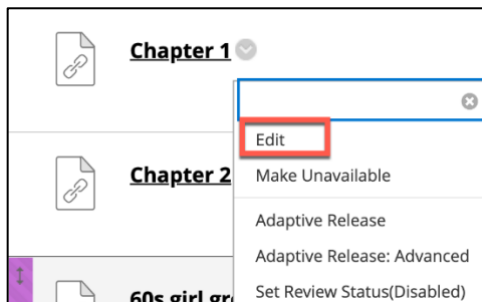
7. The **Edit Weblinks** page appears.
8. Set **Enable Evaluation** to yes.
9. Set the **Points Possible**.
10. If you are ready for students to complete the activity, ensure **Visible to Students** is set to Yes.
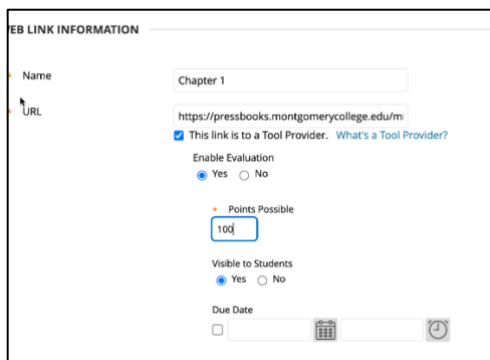
11. Set the Web link for the chapter to open in a new window. Otherwise, the material will not score properly.
12. Click Submit at the bottom of the page to save your changes so that your activity is gradable.

# Step 6: Test your Activity to Ensure that it grades Correctly

Use the Test Student Feature to Log onto Pressbooks as a student.

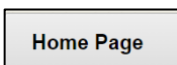### 1. **Enter Student Preview Mode and set preview settings to keep data (watch video)**

To effectively test your Press Book, you need to have access to a Test Student. Blackboard has a **Student Preview Mode.** This feature works by automatically logging instructors into the course as a student.

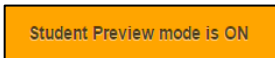**To access Student Preview Mode:**

1. Click the Student preview icon in the screen's upper right-hand corner.
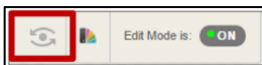
2. Since Student Preview Mode logs you on as an actual student, you will be returned to the course homepage.
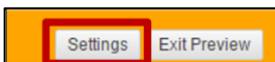

3. An orange bar across the top of the screen will indicate that you are in student preview mode.

To set up your Grade Center, you must adjust the Student Preview Settings to save student preview data.

Adjust the settings to Save Preview User Data

1. While in Student Preview Mode, click the settings button in the Upper right-hand corner of the screen.


2. On the Student Preview settings screen, select the option to *keep the preview User and all Data. **This will create a Preview user in the Grade Center so that you can experiment with adding grades to a column and checking any scoring you develop in the Grade Center.** Keeping the data will ensure that when you exit the preview, the work you did as a test student will remain, so that you may check the results.
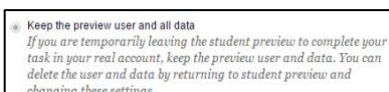
3. Click the checkbox "*Do not ask me about the preview user when exiting student preview.*"

☑ Do not ask me about the preview user when exiting student preview. Always take the following action:

4. Click **Save.**
5. Click the Exit Preview Button in the upper right-hand corner of the screen to return to Instructor View.
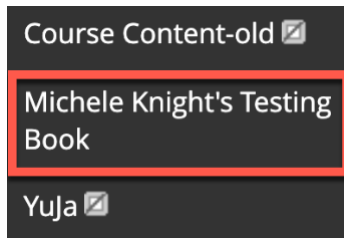
Settings | Exit Preview
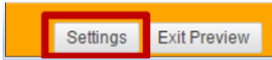
Use the Test Student Feature to Log onto Pressbooks as a student
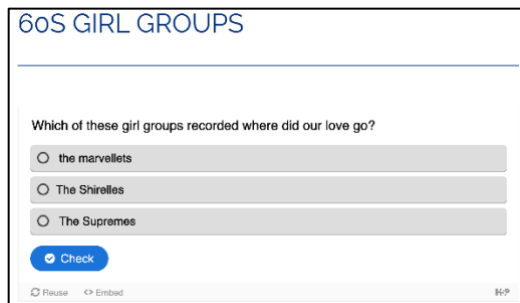
1. If not already there, click the Student Preview Icon to log onto Pressbooks as a student.
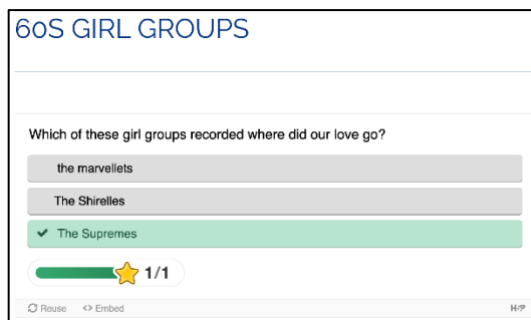
2. Navigate to your Pressbook on the Left-Hand Course Tools Menu.

Course Content-old ▨

Michele Knight's Testing Book

YuJa ▨

3. Open a chapter that contains one of your gradable H5P activities.

60S GIRL GROUPS

Which of these girl groups recorded where did our love go?

○ the marvellets
○ The Shirelles
○ The Supremes

✓ Check

↻ Reuse ⬍ Embed   H-P

4. Complete the activity, making sure to click the check button at the bottom of the activity.

60S GIRL GROUPS

Which of these girl groups recorded where did our love go?

the marvellets

The Shirelles

✔ The Supremes

⭐ 1/1

↻ Reuse ⬍ Embed   H-P

5. While still in Student Preview mode, click the Exit Preview button in the upper right corner of the Course.

Student Preview mode is ON Settings Exit Preview

6. You will be logged out as a test student and logged back on in instructor mode. You will return to the main entry of your course.

7. Navigate to the Grade Center and Click Full Grade Center.

Grade Center
Needs Grading
Full Grade Center
Assignments
Tests
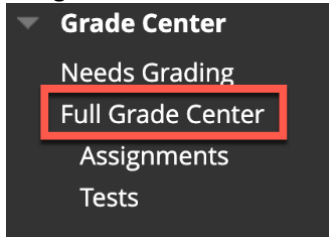
8. A Grade Center column should appear with the grade for the exercise with the test student's score.

CHAPTER 1

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100.00

Congratulations, your Pressbooks H5P chapter is connected to the grade center!

Step 7: Make sure that your book is public so that you can share it with students

For more information, visit: Getting Started, Chapter Privacy Settings