

Mc  
Graw  
Hill



Digital Walkthrough  
Grades 6–8



# Tennessee Science





# Tennessee Science

## **TENNESSEE SCIENCE DIGITAL EXPERIENCE**

Immerse yourself in the *Tennessee Science* digital experience. This overview will provide a quick-start of the program and will be similar across any class in Grades 6–8.



## GETTING STARTED

Go to: [my.mheducation.com](http://my.mheducation.com)

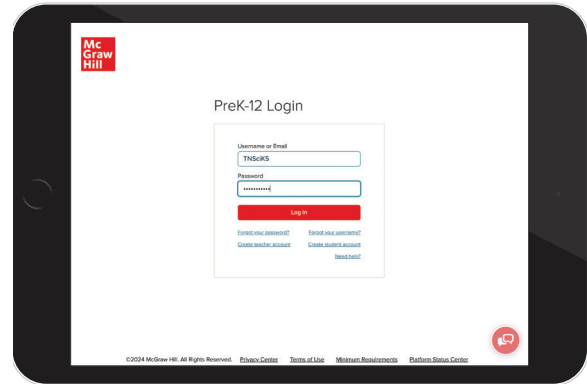
Contact your sales representative to get login credentials.

**Jon McPeters**

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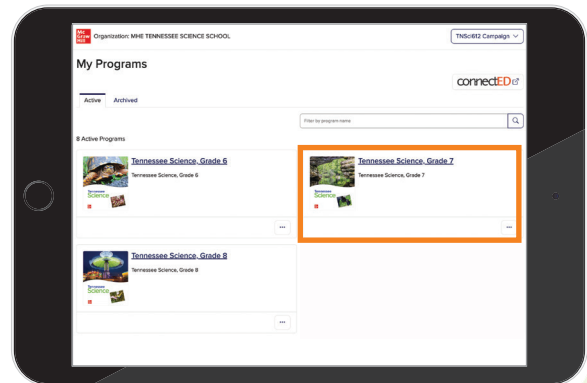
**Zach McPeters**

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## My Programs

Click on the grade level you would like to review.



## DASHBOARD

1. Clicking on **Dashboard** from any location in the course will return you to this screen.
2. Click the **Browse this Course** button to view Module and Lesson resources. This can be selected from any Module or Lesson location to jump to another part of the course.

The screenshot shows the dashboard for 'Tennessee Science, Grade 7'. At the top left is the McGraw Hill logo and the text 'Class: Tennessee Science, Grade 7'. The main header reads 'Dashboard | Tennessee Science, Grade 7'. Below this is a 'Browse This Course' button (callout 2). The main content area features a module titled 'Matter and Energy in Ecosystems' with 'Go to Course' and 'Launch Presentation' buttons. A 'Calendar' section shows 'Tuesday, May 7, 2024' and states 'There are no calendar items scheduled for this day.' On the right, there are 'eBook Options' for 'Volume 1 Student Edition' and 'Volume 1 Teacher Edition'. A left sidebar contains navigation links: My Programs, Dashboard (callout 1), Course, Gradebook, Calendar, Assignments (callout 4), Reports, Assessment (callout 7), and My Tools.

### Program Resources: Course Materials

Module: Classification and States of Matter

Module: Matter: Properties and Changes

Module: Cells and Life

Module: Body Systems

Module: Reproduction of Organisms

Module: Matter and Energy in Ecosystems

Program Resources: Glossary

3. **Course Resources** opens a menu to search by Tennessee Standard or resource type.
4. From **Assignments**, manage and view status of all class assignments.



TNSci612 Campaign

3 Search Course Resources

6

Additional Resources

Volume 2  
**Student Edition**  
Print Student Edition,  
Tennessee Science  
Grade 7, Vol. 2

Volume 2  
**Teacher Edition**  
Print Teacher Edition,  
Tennessee Science  
Grade 7, Vol. 2

Grade 7 correlation to  
the Tennessee  
Academic Standards for  
Science

Pacing Guide:  
Tennessee Science  
Grade 7

Storylines  
Tennessee Grade 7:  
Storylines

5. Select the desired **eBook** option: Student Edition or Teacher Edition.
6. **Additional Resources** includes quick links to frequently used resources.
7. **Assessments** opens the course digital assessment and question banks.

Find a complete grade level Tennessee Standards Correlation.

Discover flexible pacing options for each lesson to meet Tennessee Standards and your classroom needs.

Explore Storylines, the grade-level connective tissue between the Module Big Idea, the lessons, culminating in a STEM project.

## NAVIGATING THE MODULE RESOURCES

Within the Module Landing Page, you can access resources for both teachers and students.

1. Click **Expand All** to open or collapse all resource blades, allowing you to browse and use resources.
2. The **Present** button launches the Module presentation resources.

Use the **Module Planning Resources** to access a variety of instructional resources.

Under the **Module Opener** section, you will find an interactive presentation to Encounter the Phenomenon and Additional Resources to ensure success.

Use the **STEM Module Project Resources** to help you launch, plan and complete a STEM project in your classroom.

In the **Module Wrap-Up**, your students will revisit the phenomenon to see if and how their thinking changed.

Under the **Module Assessment** section, you will find pre-made assessments that can be customized to fit your needs.

Mc Graw Hill Class: Tennessee Science, Grade 7

My Programs

Dashboard

Course

Gradebook

Calendar

Assignments

Roster

Reports

Assessments

My Tools

Table of Contents

Keyboard Help

Module: Matter and Energy in Ecosystems

Module Planning Resources

Module Opener

STEM Module Project

Module Wrap-Up

Module Assessment

Module Library

Spanish Module Resources

Lesson 1: Photosynthesis and Cellular Respiration

Lesson 2: Flow of Energy

Lesson 3: Cycling of Matter

1

2

Expand All

Present

Module Planning Resources

Instructional Resources

Use these instructional resources

Volume 2

Teacher Edition

Presentation

Storylines

Presentation



3. Click on the **Edit** button to customize the Module presentation.
4. Click to **Assign** single or multiple resources.
5. The **Filter** button gives you options for more targeted resource browsing.
6. The **Course Options** button allows you to sync your customized presentation across your classes, preview student view, or add the Module resources to the class calendar.

The screenshot shows a user interface for a science module. At the top right, there is a dropdown menu labeled "TNSci612 Campaign". Below this is the title "Matter and Energy in Ecosystems" and a search bar. A navigation bar contains several buttons: "Assign" (with a list icon), "Filter" (with a funnel icon), and a three-dot menu icon. Below the navigation bar is a list of resources. The first resource is "Teacher Edition: Tennessee Science Grade 7, Volume 2" with tags "eBook" and "Teacher Only". The second resource is "Storyline: Matter and Energy in Ecosystems" with a description and tags "MS Word" and "Teacher Only".

Numbered callouts are placed over the interface:

- Callout 3 points to the "Edit" button (represented by a pencil icon).
- Callout 4 points to the "Assign" button.
- Callout 5 points to the "Filter" button.
- Callout 6 points to the three-dot menu icon.

## USING THE LESSON PLANNING PAGE

Within the Lesson Landing Page, the same navigation options as the Module Landing Page are available.

1. The **Present** button launches the Lesson presentation resources.
2. Click on the **Edit** button to customize the Lesson presentation.

Use **Science Probes** to assess students' prior knowledge of the lesson content and identify possible preconceptions.

Under the **Engage** section, you will inspire students' curiosity with a real-world phenomenon they will investigate throughout the lesson.

Under the **Explore and Explain** section, you will find resources needed to engage students with the phenomenon. Students are encouraged to explain their observations and thinking to deepen their understanding of core topics.

Under the **Elaborate** section, you will find resources to help students connect their knowledge of the lesson phenomenon to real-world STEM careers and other extension activities.

Under the **Evaluate** section, you will be able to gauge student progress toward achieving lesson objectives.

Class: Tennessee Science, Grade 7

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Keyboard Help

Module: Matter and Energy in Ecosystems

Lesson 1: Photosynthesis and Cellular Respiration

Lesson Planning Resources

Science Probe

Engage

Explore and Explain

Elaborate

Evaluate

Lesson Library

Spanish Lesson Resources

Lesson 2: Flow of Energy

Lesson 3: Cycling of Matter

Lesson 1: Photosynthesis

1 Present 2 Edit

Lesson Info

Explore and Explain

Interactive Presentation

Get students involved in the phenomenon. Then provide students with resources.

CLAIM EVIDENCE REASONING

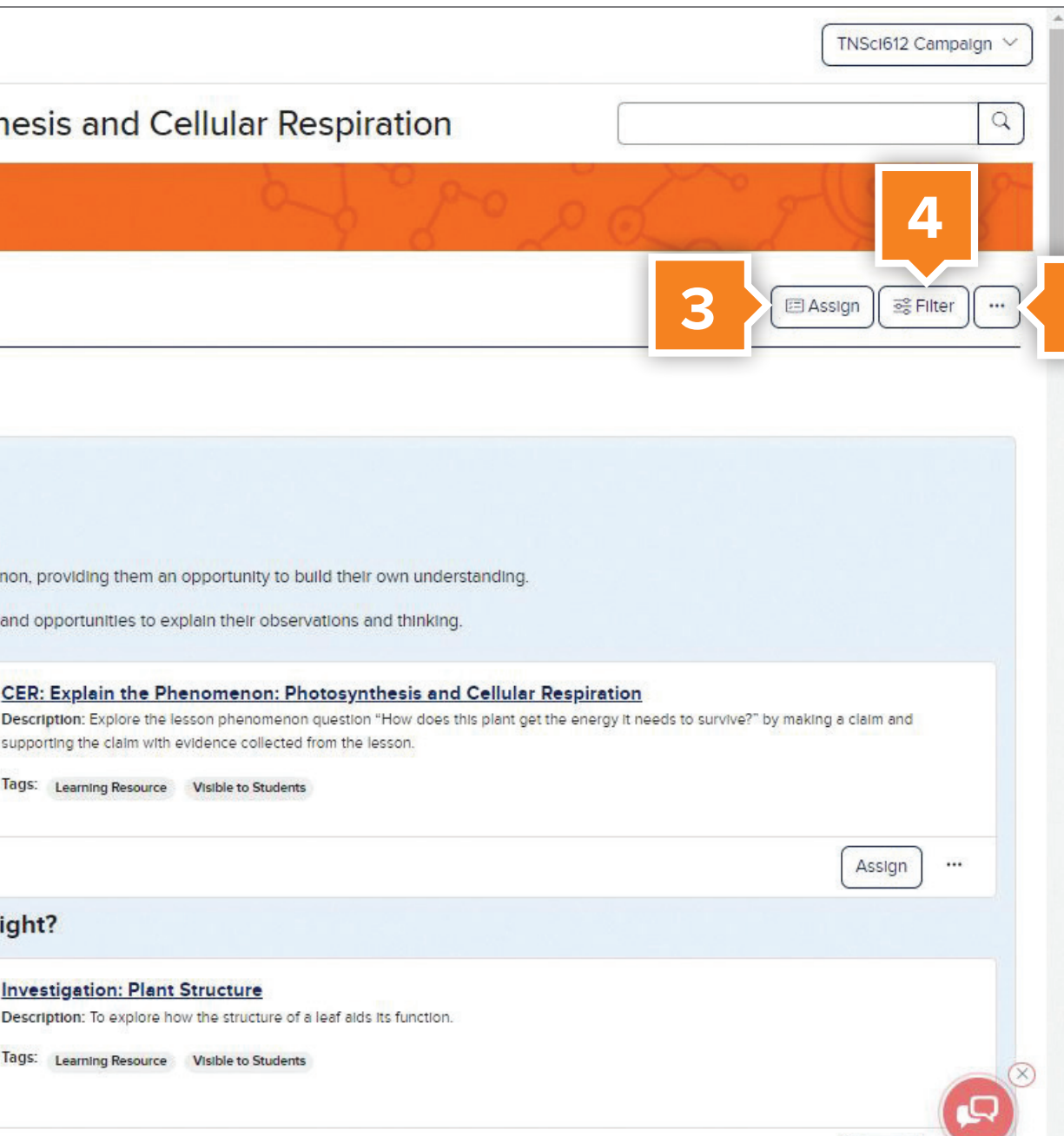
Presentation

Why do plants need sun?

INVESTIGATION



3. Click the **Assign** button to select multiple Lesson resources in a bulk assignment.
4. The **Filter** button gives you options for more targeted resource browsing.
5. The **Course Options** button allows you to sync your customized Lesson presentation across your classes, preview student view, or add the Lesson resources to the class calendar.



## Interactive Student Resources

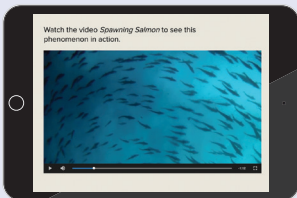
Check out the **Lesson and Module Libraries** located on the lesson or module landing page for access to language resources and a wide variety of digital content to make learning science engaging and fun.



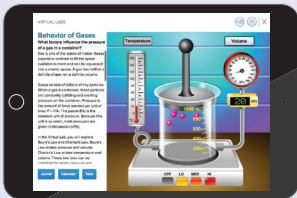
Science Content Videos



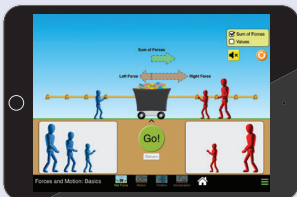
Layer Revealed



Phenomena Videos



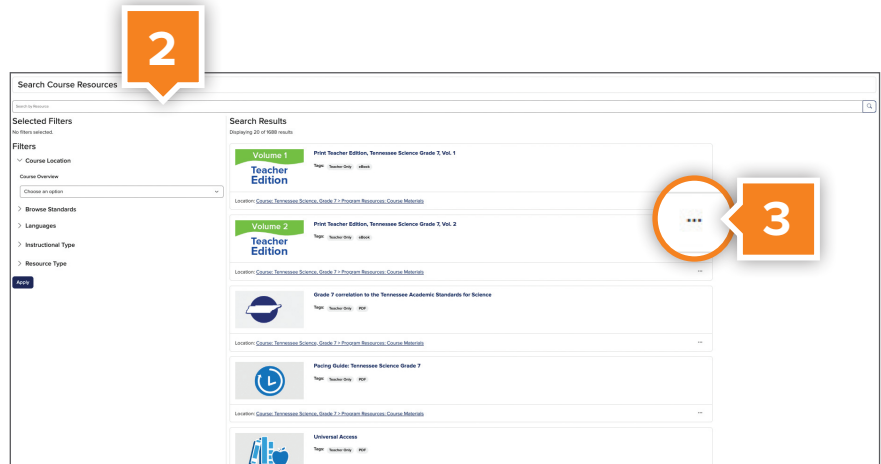
Virtual Labs



Simulations

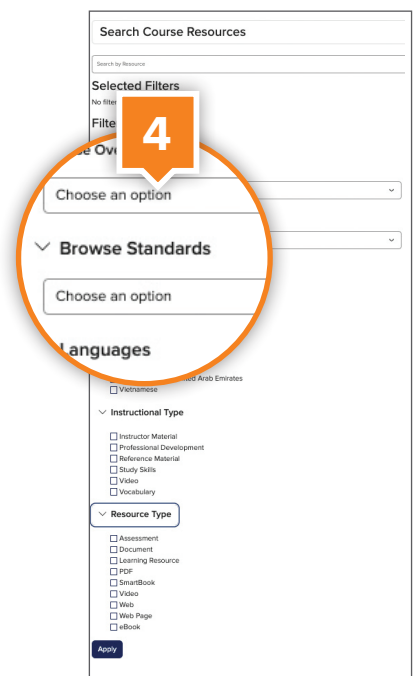
## FINDING RESOURCES

1. Search to find additional resources on a topic by using the Resource Library. Type into the **search box** at the top of the landing page.



2. Type a topic or keyword into the search box at the top of the landing page.
3. To preview or assign the resource directly from the library, click on the **action menu**.

4. Browse by Tennessee Standard by selecting the filter **Browse Standards** and choose your standard option from the list.

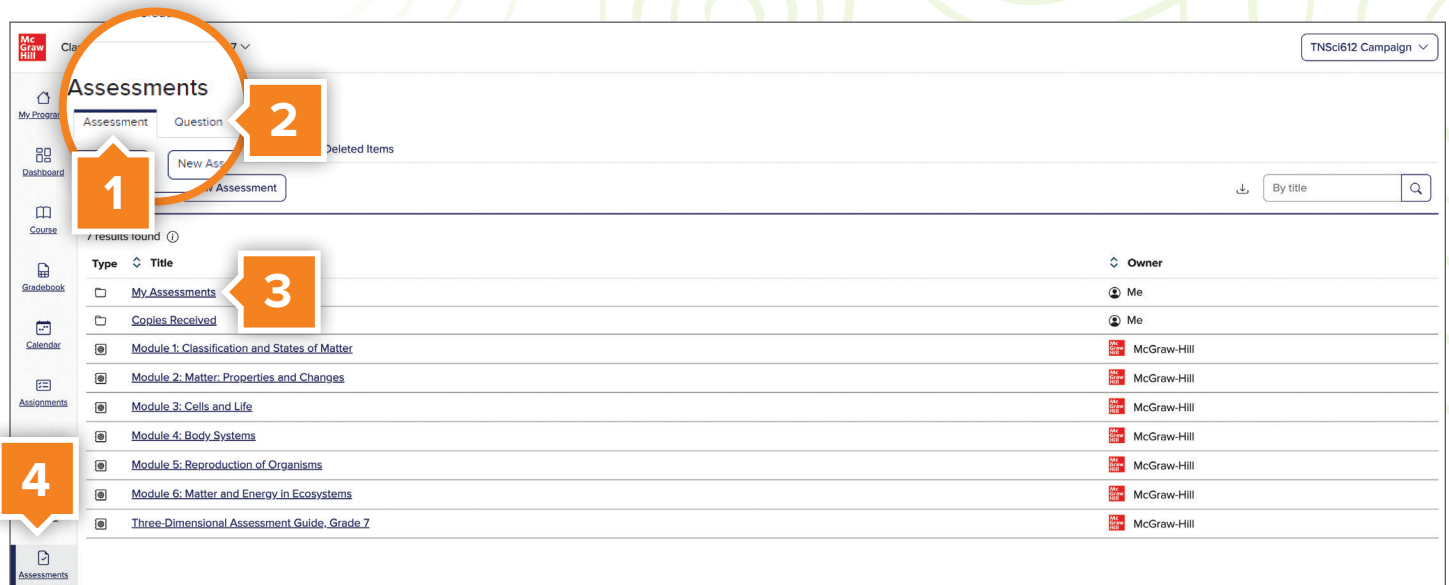




## ASSESSMENTS

### Online Assessment Center

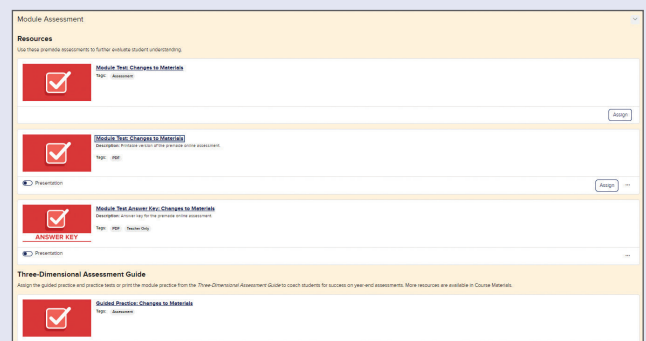
The Online Assessment Center provides you with the unique opportunity to include tech-enhanced question types and document-based questions, in addition to written response to best prepare students for assessment.



1. The **Assessment** tab includes the pre-built module assessments and lesson checks.
2. Individual questions can be found in the **Question Banks** tab. These can be used to create or customize your own assessments.
3. **My Assessments**, under **Assessment Banks**, provides you with quick access to assessments you have created or customized.
4. From the main menu, click on **Assessments** to access assessment tools.

### State Assessment Blade

*Tennessee Science* includes a variety of assessment options to support teachers with differentiation strategies. Assessments are within the Assessment section and are also embedded within each, module, and lesson including Lesson Checks, Module Tests, STEM Module Project Rubrics, and much more!



# Tennessee Science

Learn more at  
[mheducation.com/tennessee](http://mheducation.com/tennessee)

