

**Mc
Graw
Hill**

Digital Walkthrough

Grades 9–12



Tennessee Science

High School Series

Biology • Chemistry • Physics

Earth and Space • Physical 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 High School.



GETTING STARTED

Go to: my.mheducation.com

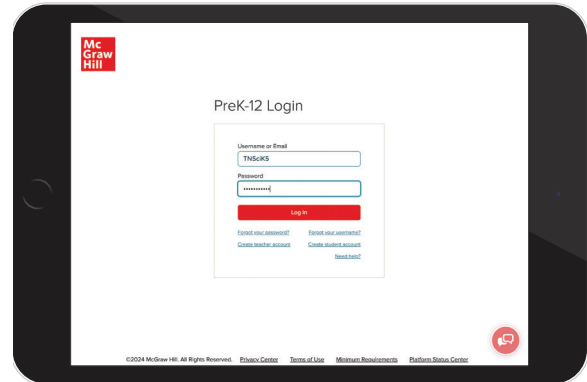
Contact your sales representative to get login credentials.

Jon McPeters

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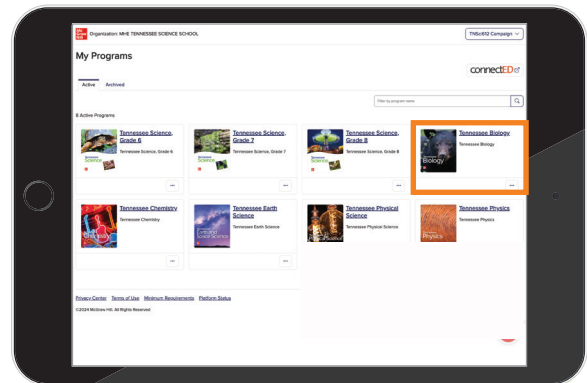
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zach.mcpeters@mheducation.com



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 | Tennessee Biology' interface. At the top left is the McGraw Hill logo and 'Class: Tennessee Biology'. A left sidebar contains navigation links: My Programs, Dashboard (highlighted with callout 1), Course, Gradebook, Calendar, Assignments, Reports, Assessment (highlighted with callout 7), and My Tools. The main content area features a 'Browse This Course' button (callout 2), 'Module 1 / Lesson 1', and 'The Science of Life' with 'Go to Course' and 'Launch Presentation' buttons. Below is a 'Calendar' section for 'Thursday, June 13, 2024' with callout 4, stating 'There are no calendar items scheduled for this day.' On the right, an 'eBook Option' section (callout 5) displays 'Interactive Student Edition, Tennessee Biology'. A callout 3 points to the 'Assessment' link in the sidebar.

Program Resources: Course Materials

Module 1: The Study of Life

Unit 1: Ecology

Unit 2: The Cell

Unit 3: Genetics

Unit 4: History of Biological Diversity

Unit 5: The Diversity of Life

Unit 6: The Human Body

3. **Course Resources** opens a menu to search by Tennessee Standard or resource type.

The screenshot shows the top navigation area of the TNSci612 Campaign website. At the top right, there is a dropdown menu labeled "TNSci612 Campaign". Below it is a search bar with the placeholder text "Search Course Resources" and a magnifying glass icon. A large orange callout box with the number "3" points to the search bar. Below the search bar is a dark blue banner with a grid pattern. Underneath the banner is a section titled "Additional Resources" with a large orange callout box containing the number "6". This section contains several resource cards: "Print Teacher Edition, Tennessee Biology", "Biology I correlation to the Tennessee Academic Standards for Science", "SmartBook: Assignment Walk-Through", "Science Notebook: Tennessee Biology", and "Science and Engineering Practices Handbook". A yellow "MATERIALS LIST" button is partially visible at the bottom of the resources section.

4. From **Assignments**, manage and view status of all class assignments.
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.

Access a quick walkthrough of Smartbook, your adaptive learning tool.

View the Science Notebook to see notetaking support students can access throughout the program.

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.

In **Learning Resources** teachers can preview the research and study tools that students will use to gather evidence to support their claims.

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

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.

McGraw Hill Class: Tennessee Biology

Table of Contents

Keyboard Help

Unit 1: Ecology

Module 2: Principles of Ecology

Lesson 1: Organisms and Their Relationships

Lesson 2: Flow of Energy in an Ecosystem

Lesson 3: Cycling of Matter

Module Planning and Presentation Resources

Learning Resources

Module Opener

Module Wrap-Up

Module Assessment

Module Library

Module 3: Communities, Biomes, and Ecosystems

Module 4: Population Ecology

Module 5: Biodiversity and Conservation

Module 2: Principles of Ecology

1 2

Collapse All Present

Module Planning and P

Instructional Resources

Use these instructional resources

Teacher Edition: Principles

Tags: eBook Teacher Only

Presentation

ANSWER KEY

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 'TNSci612 Campaign'. At the top right, there is a dropdown menu labeled 'TNSci612 Campaign'. Below it is a search bar with the text 'es of Ecology' and a magnifying glass icon. A green banner image with a nature scene is positioned below the search bar. Below the banner is a toolbar with three buttons: 'Assign', 'Filter', and a three-dot menu icon. Four numbered callouts are overlaid on the interface: callout 3 points to the 'Edit' button (partially obscured), callout 4 points to the 'Assign' button, callout 5 points to the 'Filter' button, and callout 6 points to the three-dot menu icon. Below the toolbar is a section titled 'Presentation Resources' with a dropdown arrow. Below that is a text area with the text 'as you plan and guide instruction for the module.' and a large empty white box. At the bottom left, the text 'of Ecology.' is visible. A three-dot menu icon is also present at the bottom right of the white box.

In **Lesson Planning and Presentation Resources** you can view the pre-built, editable presentation slides with annotated keys for the Science Notebook and Reading Essentials.

Under **Learning Resources** teachers can preview the research and study tools that students will use to gather evidence to support their claims.

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.

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.

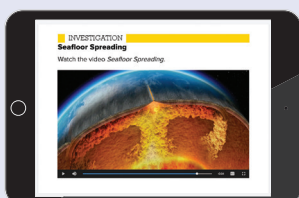
The screenshot displays the Lesson Planning Page for 'Class: Tennessee Biology'. The interface includes a sidebar with navigation icons for My Programs, Dashboard, Course, Gradebook, Calendar, Assignments, Roster, Reports, Assessments, and My Tools. The main content area shows a table of contents with sections for Unit 1: Ecology, Module 2: Principles of Ecology, and Lesson 1: Organisms and Their Relationships. Lesson 1 includes sections for Lesson Planning and Presentation Resources, Learning Resources, Engage, Explore and Explain, Elaborate, and Evaluate. A 'Present' button and an 'Edit' button are visible. The right sidebar shows 'Lesson 1: Organism' with a large '1' in an orange box, a 'Collapse All' button, and a 'Lesson Info' section with 'Lesson Planning and P' and 'Use these instructional resources'.

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.

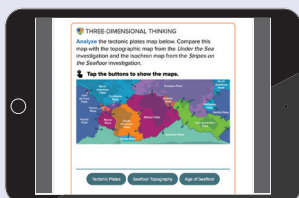
The screenshot shows a user interface for lesson resources. At the top right, there is a dropdown menu labeled "TNSci612 Campaign". Below this is a search bar with a magnifying glass icon. The main content area is titled "Organisms and Their Relationships". A blue horizontal bar is present above the main content. Below the blue bar, there are three buttons: "Assign", "Filter", and a three-dot menu icon. Four orange callout boxes with white numbers are overlaid on the interface: callout 2 points to the left side of the blue bar; callout 3 points to the "Assign" button; callout 4 points to the "Filter" button; and callout 5 points to the three-dot menu icon. Below the buttons, there is a section titled "Lesson Presentation Resources" with a dropdown arrow. Underneath, there is a description: "as you plan and guide instruction for the lesson." Below that, there is a section titled "Key: Organisms and Their Relationships" with a sub-section "g the Cornell Note-Taking System". At the bottom right of the main content area, there is a three-dot menu icon.

Interactive Student Resources

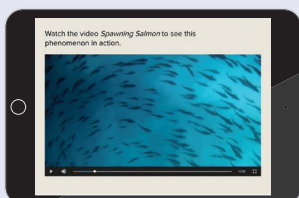
Check out the **Lesson and Module Libraries** located on the lesson or module landing page for access to language resources and a wide variety of digital content to make learning science engaging and fun.



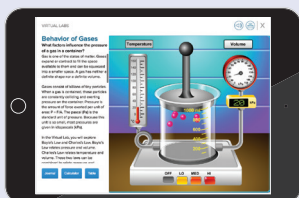
Science Content Videos



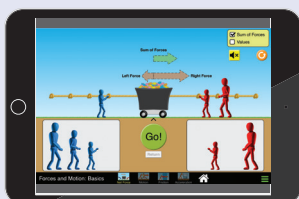
Layer Revealed



Phenomena Videos



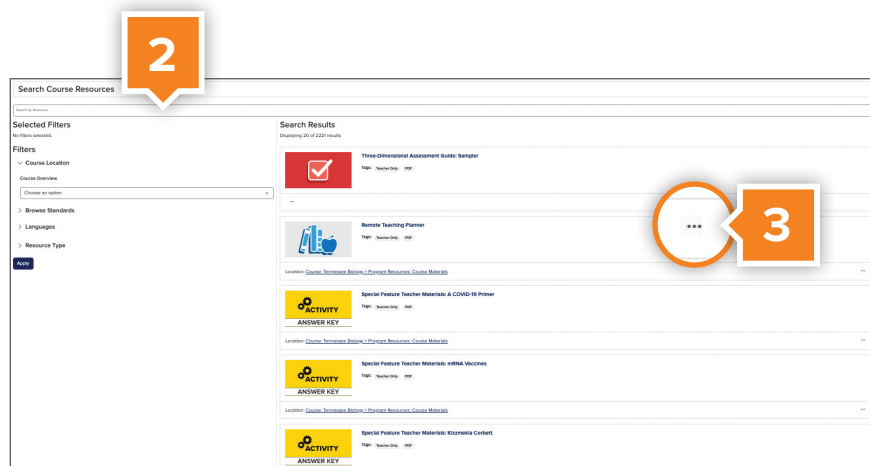
Virtual Labs



Simulations

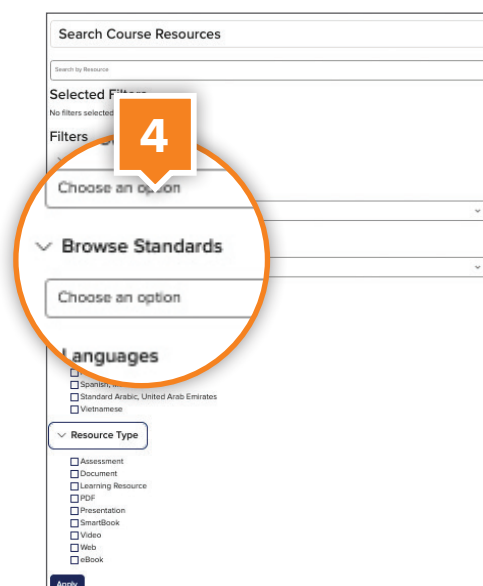
FINDING RESOURCES

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**.

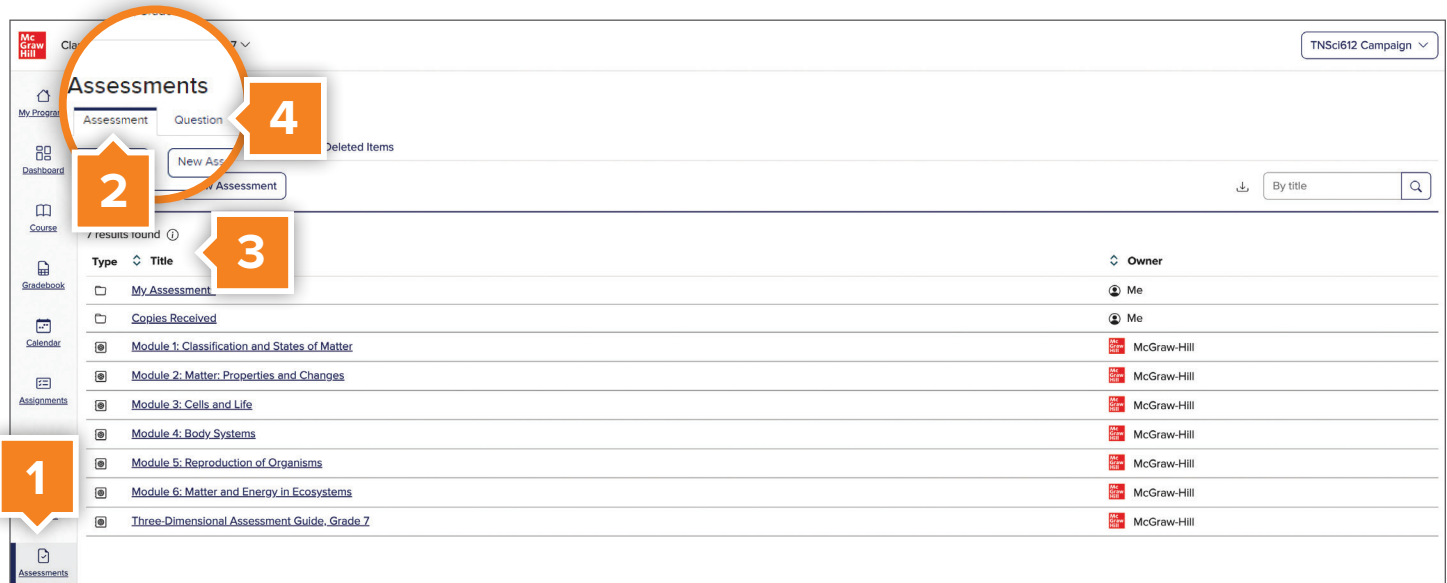
4. Browse by Tennessee Standard by selecting the filter **Browse Standards** and choose your standard option from the list.



ASSESSMENTS

Online Assessment Center

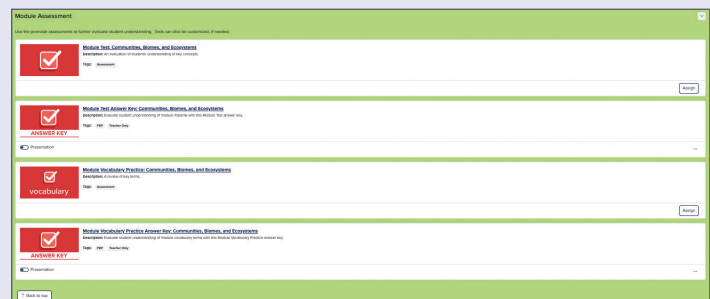
The Online Assessment Center provides you with the unique opportunity to include tech-enhanced question types and document-based questions, in addition to written response to best prepare students for assessment.



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

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

