



West
Virginia
Inspire Science

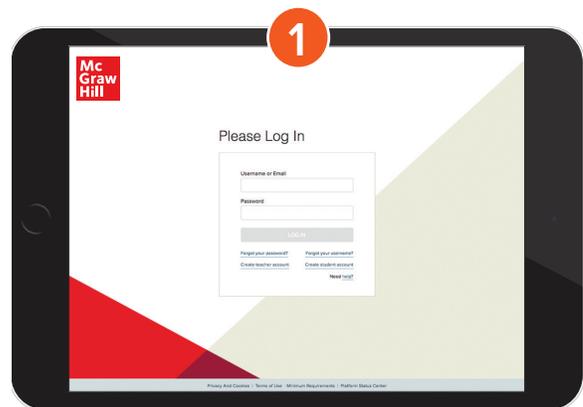
GETTING STARTED

1 Go to: my.mheducation.com

Log in to *West Virginia Inspire Science* using your username and password.

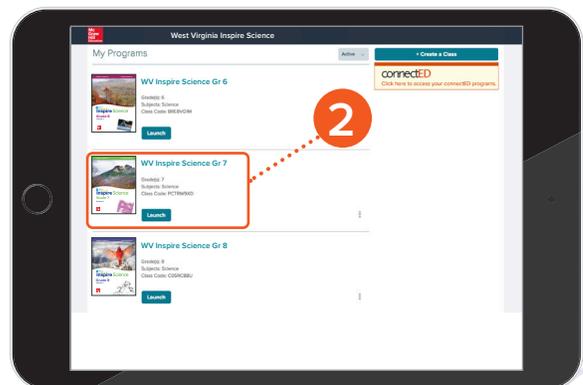
Username: WVScience21

Password: WVScience21



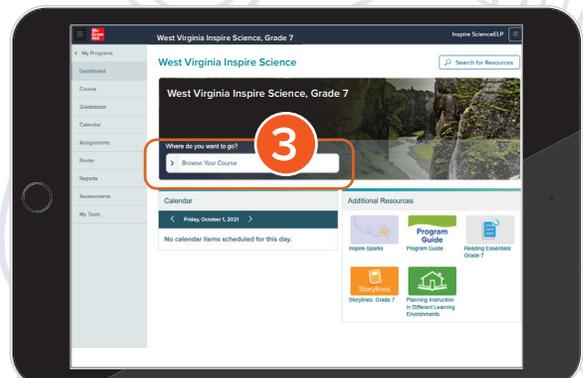
2 My Programs

Click **Launch** for the grade level you would like to review.



3 Dashboard

Click **Browse Your Course** to enter the class.



USING THE COURSE PAGE

The course page is the home base for all the teaching resources of this specific class.

1 Planning and Management

Click on the menu icon to expand the left sidebar. This is your **Main Menu** to manage and organize your class.

2 Table of Contents

Click on **Browse Your Course** to access the **Table of Contents**.

The screenshot shows the West Virginia Inspire Science course page. On the left is a sidebar with a menu icon (1). The main content area has a search bar and a 'Where do you want to go?' dropdown (2) with options like 'Program Overview: Welcome to Inspire Science', 'Program Resources: Course Materials' (3), and a list of modules. Below this is an 'Additional Resources' section with icons for 'Inspire Sparks', 'Program Guide', 'Reading Essentials: Grade 7', 'Storylines: Grade 7', and 'Planning Instruction in Different Learning Environments'. On the right, a 'Browse Your Course' dropdown (2) is expanded, showing a table of contents with links to 'Program Overview: Welcome to Inspire Science', 'Program Resources: Course Materials' (3), and a list of modules including 'Module: Classification and States of Matter', 'Module: Matter: Properties and Changes', 'Module: Dynamic Earth' (4), 'Module: Natural Hazards', 'Module: Distribution of Earth's Resources', 'Module: Materials Science', 'Module: Matter and Energy in Ecosystems', 'Module: Dynamic Ecosystems', and 'Module: Biodiversity in Ecosystems'.

3 Course Materials

From the **Table of Contents**, click on **Program Resources: Course Materials** to access Course Planning Resources such as your Teacher Edition, Professional Learning Library and other instructional resources.

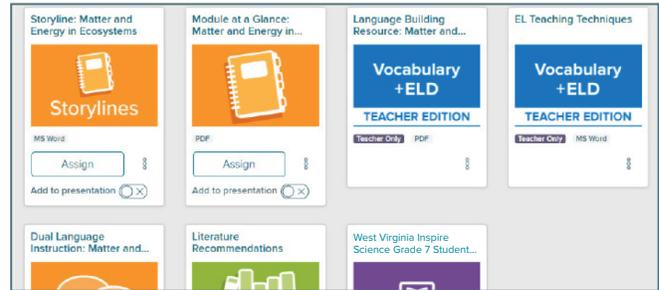
4 Module Landing Page

Now click on the module or lesson name to go to the appropriate planning page.

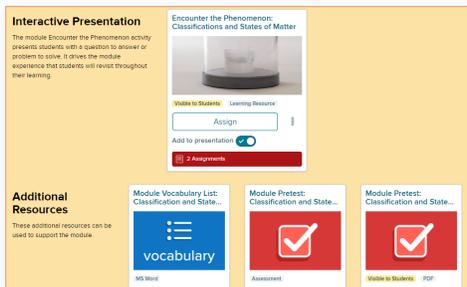
USING THE MODULE LANDING PAGE

From the module landing pages, you can access resources for both teachers and students. To collapse or open sections, click on the title.

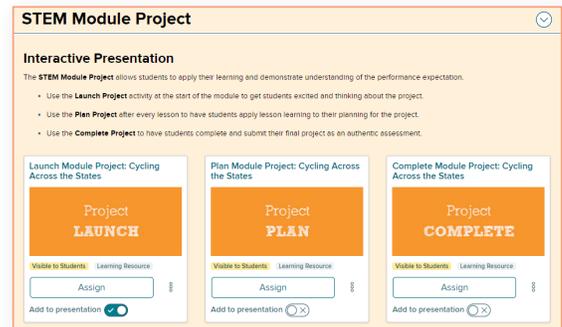
- 1 Use the **Module Planning Resources** to access a variety of instructional resources.



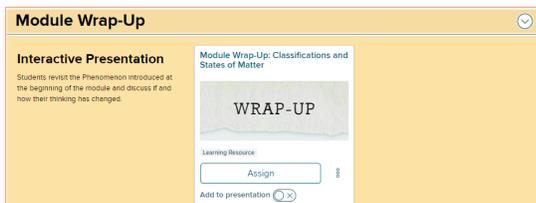
- 2 Under the **Module Opener** section, you will find an interactive presentation to Encounter the Phenomenon and Additional Resources to ensure success.



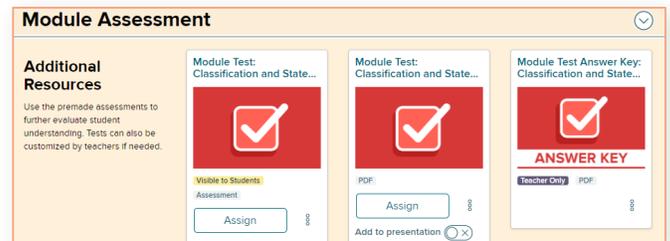
- 3 Use the **STEM Module Project Resources** to help you launch, plan and complete a STEM project in your classroom.



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



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



- 6 From any landing page, you can easily choose a module from the drop-down menu or lesson. Click on a lesson name to go to the lesson landing page.



USING THE LESSON PLANNING PAGE

From the module landing page, you can access resources for both teachers and students. To collapse or open sections, click on the title.

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

Science Probe

Interactive Presentation

Use this science probe to assess students' prior knowledge of the lesson content and to identify possible preconceptions.

Science Probe: Exploring Energy

SCIENCE PROBES

Visible to Students Learning Resource

Assign

Add to presentation

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

Engage

Interactive Presentation

Spark curiosity by having students encounter the lesson phenomenon.

Encounter the Phenomenon: Flow of Energy

Visible to Students Learning Resource

Assign

Add to presentation

- 3 Under the **Explore and Explain** section, you will find resources to help students investigate the lesson phenomenon and deepen their understanding of core science topics.

Explore and Explain

Interactive Presentation

Get students involved in the phenomenon, providing them an opportunity to build their own understanding. Then provide students with resources and opportunities to explain their observations and thinking.

CER: Explain the Phenomenon

CLAIM EVIDENCE REASONING

Visible to Students Learning Resource

Assign

Add to presentation

How do different organisms get energy?

Read About: How do different organisms get energy? Producers

Investigation: Classifying Organisms

Read About: How do different organisms get energy? Detritivores

- 4 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.

Elaborate

Interactive Presentation

Students are provided with opportunities to apply knowledge to new situations and to develop a deeper understanding.

A Closer Look: Composting

STEM Careers: A Day in the Life of a Wildlife Ecologist

STEM CAREER

Visible to Students Learning Resource

Assign

Add to presentation

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

Evaluate

Interactive Presentation

Students explain the phenomenon, utilizing the three-dimensional thinking skills. Students can also extend their learning to real-world scenarios.

Lesson Review: Flow of Energy

LESSON REVIEW

Visible to Students Learning Resource

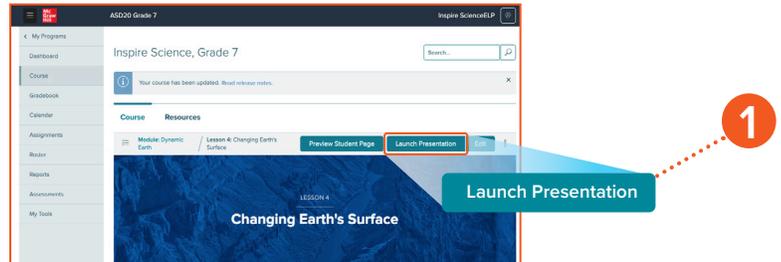
Assign

Add to presentation

NAVIGATING PRESENTATIONS

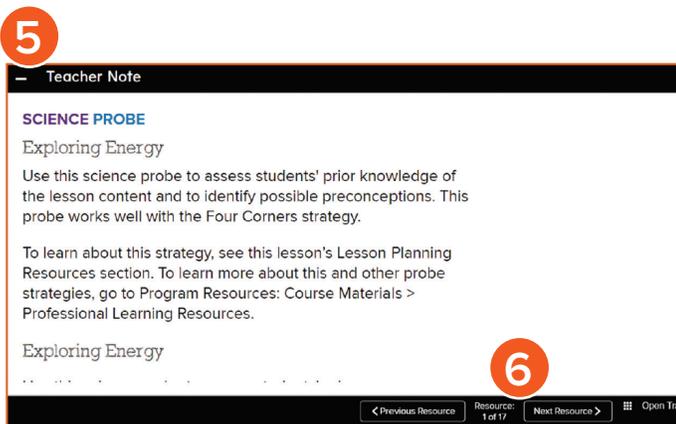
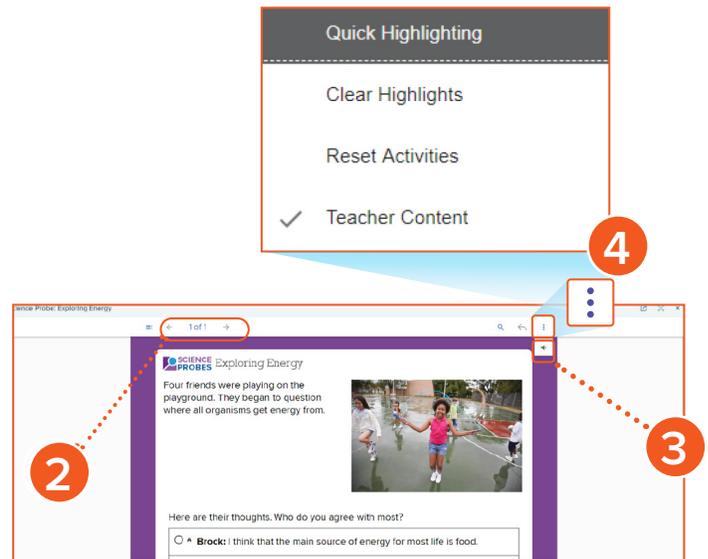
To make teaching easier, ready made presentations are provided. They layout the learning resources in the same order as the textbook.

- 1 Click on **Launch Presentation** at the top of the page to open the presentation for the lesson.



- 2 Click on the arrows to navigate within the same learning resources.
- 3 Click on the **Audio** icon for the narrative. The audio feature reads the full content, or you can highlight a specific section to read-aloud.

- 4 To view teacher content, click on the action menu and select **Teacher Content**.



- 5 Click to expand **Teaching Notes** that are embedded in each presentation. These notes include strategies for engagement, differentiation, building reading and writing skills, and more.
- 6 Click on the arrows at the bottom to move to the next learning resource in your lesson presentation.
- 7 Click the **X** at the top right corner to close out and return to the landing page

CUSTOMIZING CLASS CONTENT

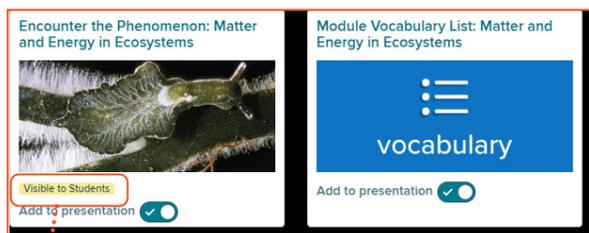
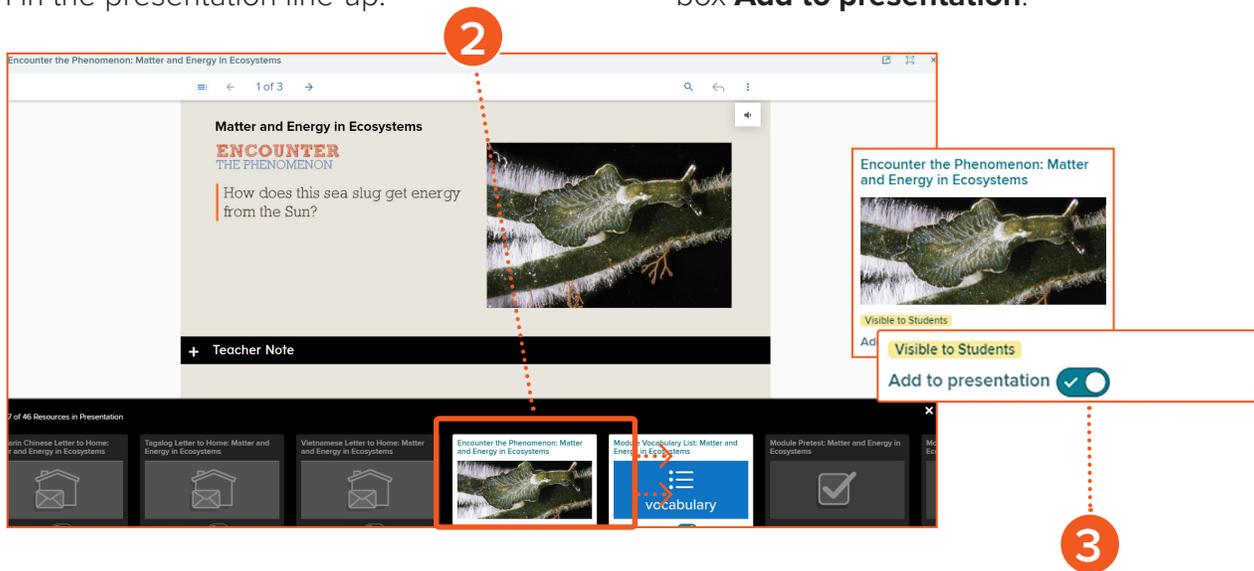
- 1 Presentations for each lesson are ready to use, or you can easily customize them to fit the needs of your students.

From the top of the landing page, click **Edit**. This will open up the Lesson Presentation carousel.



- 2 Customize your presentation by dragging-and-dropping items to a new location in the presentation line-up.

- 3 Add or remove items from the presentation by checking the box **Add to presentation**.



- 4 Look for the Visible to Students label to know what content will be available on the student page. Click on **Preview Student Page** at the top to see the student view.

- 5 Click the **X** at the top right corner to close out and return to the landing page.



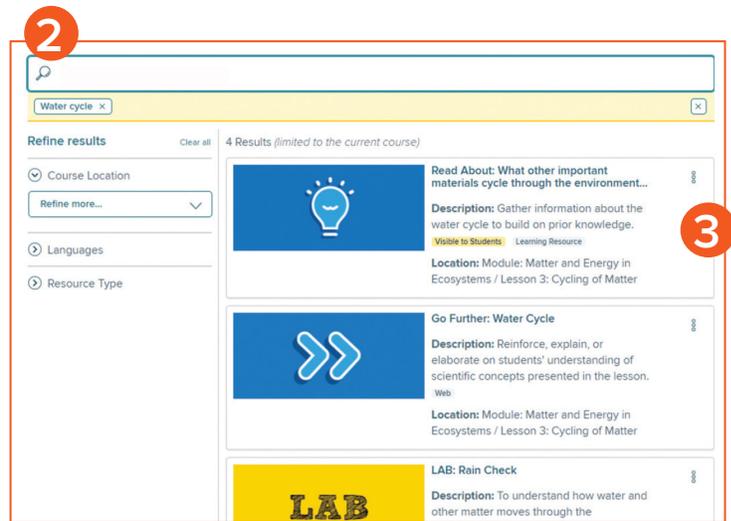
- 6 Upload Your Own Resources—click on **Add Content** at the bottom of every lesson landing page.

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. Or click on **Resources** at the top of the landing pages.



- 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**.

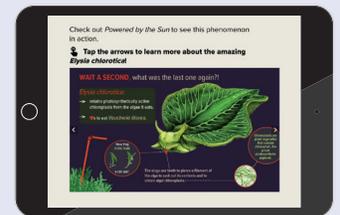


Interactive Student Resources

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.



Layer Reveal



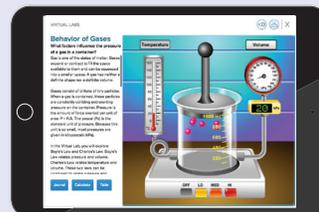
Swipe



Phenomena Videos



Science Content Videos



Virtual Labs



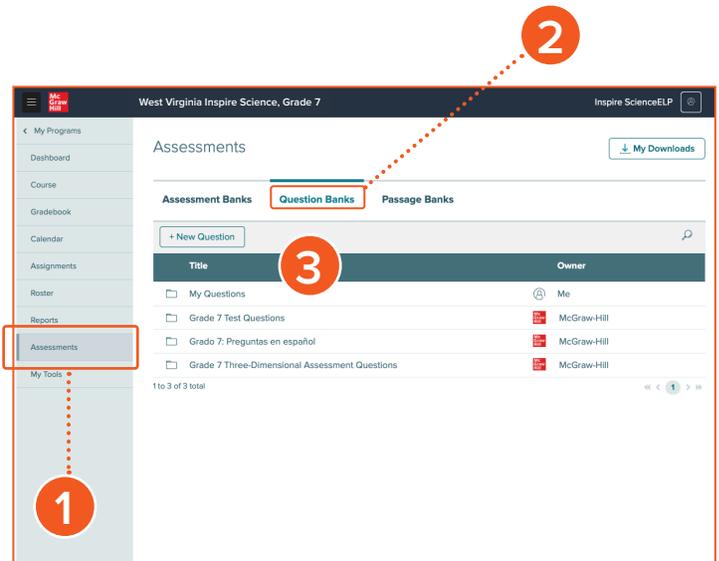
Simulations

ASSESSMENTS

Online Assessment Center

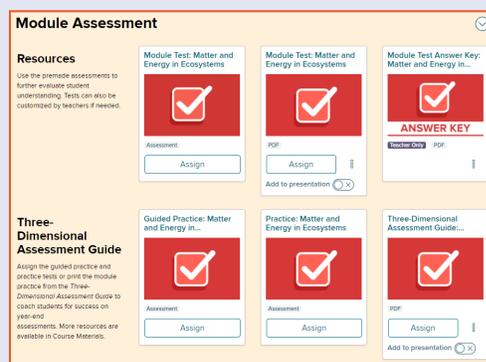
The Online Assessment Center provides you with the unique opportunity to include tech-enhanced question types and document-based questions, in addition to written response to best prepare students for assessment.

- 1 From the main menu, click on **Assessments** to access assessment tools.
- 2 The **Question Banks** tab features those assessments that have been assigned to a class.
- 3 **My Assessments**, under **Assessment Banks**, provides you with quick access to assessments you have created as well as access to the test and question banks provided with your course.



Embedded Assessments

West Virginia Inspire 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!



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