



Houghton
Mifflin
Harcourt™

Digital Platform Walkthrough

and Evaluator's Guide

Grades K-8

SCIENCE

FUSION

New Energy for **Science!**

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This reference is your guide to the online features and tools of *ScienceFusion* ©2017.

For additional information about *ThinkCentral* features and functions, visit:

<https://customercare.hmhco.com/csrportalnew/pts/platforms/>

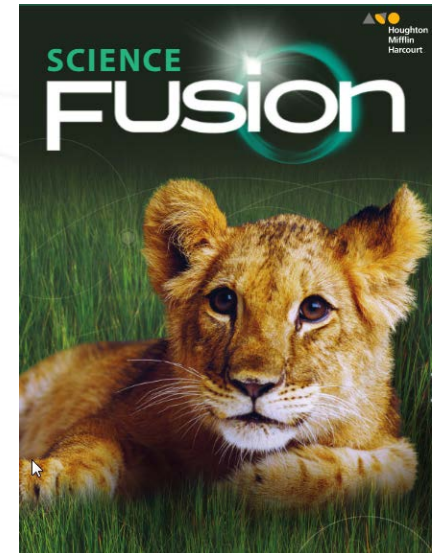
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ScienceFusion © 2017

Houghton Mifflin Harcourt™ **Digital Preview** for **ScienceFusion** provides 24/7 access to all program resources for teachers and students via **ThinkCentral**, including online Student and Teacher Editions and a variety of digital lessons, video-based projects, virtual labs, and inquiry resources for a multimodal learning experience.

What's New

- HTML5-based eBook
- eBook supports note-taking, highlighting, searching, and saving
- “Technology and Coding” lessons for Grades 1-8 and “Technology and Engineering” section for Kindergarten
- Science and Engineering Leveled Readers
- Teacher Guide for Google® Expeditions
- NGSS* Online Correlations
- New bundle offerings!



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Creating an Evaluation Account

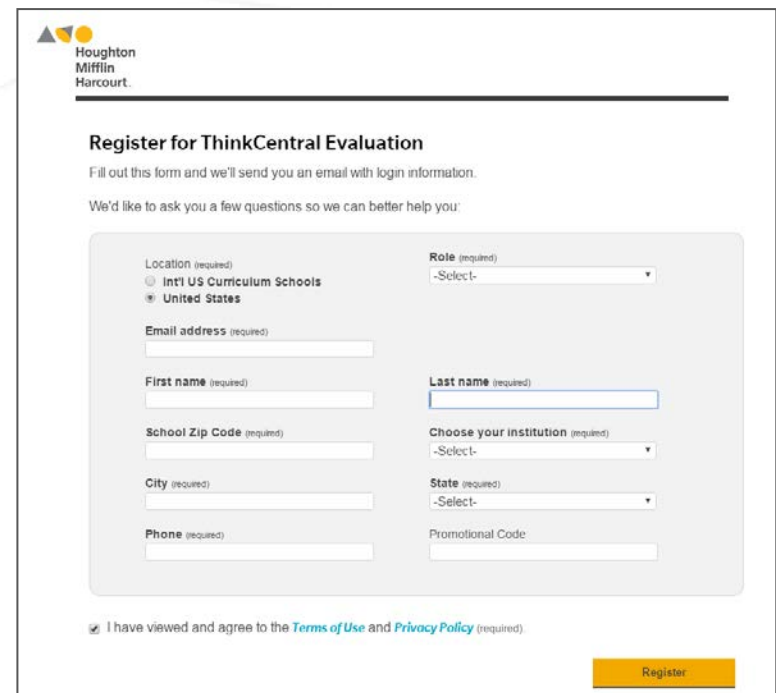
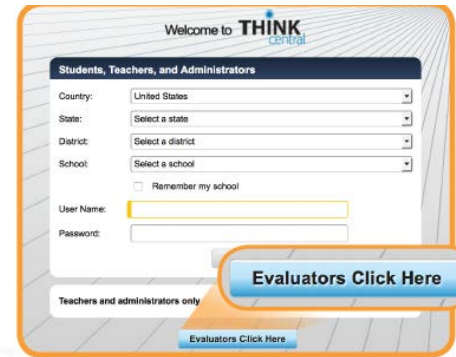
Creating an Evaluation Account

1. Go to www-k6.thinkcentral.com
2. Click **Evaluators Click Here** then **Register** (for New Users)
3. Enter the access word:

Grades K-8: **K8fusion17**
Grades K-5 only: **K5fusion17**
Grades 6-8 only: **68fusion17**
4. Enter the required information, click the check box for **Terms of Use and Privacy Policy**, then click **Register**
5. Select a role to preview (teacher, student, or administrator), then click **Login**
6. Select a grade and a resource shortcut on the dashboard or click **Resources** to view more items

When returning to www-k6.thinkcentral.com, click **Evaluators Click Here** again. As a registered user, you may now use your registration email address to log into the evaluation site.

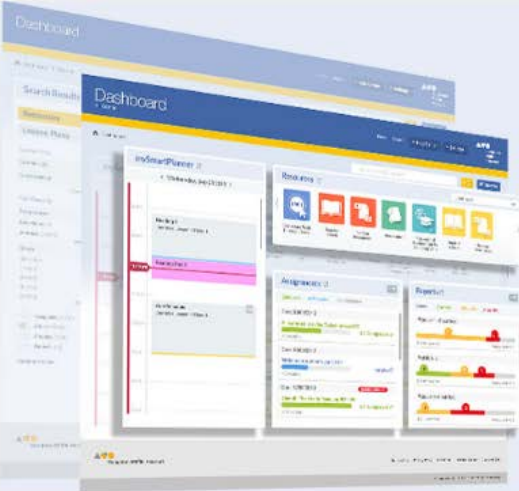
This preview is only good for 30 days. If you cannot see the **Evaluators Click Here** blue button, try quitting your browser and reopening.



Navigating the Dashboard

Navigating the Dashboard

The first time you access your evaluator's account, you will see the **Getting Started Guide** for the Dashboard.



Welcome to the Dashboard

View your teaching schedule, key resources, and student progress in one quick view.

Start *

To open this Dashboard introduction again, go to **Help Center. Then click **Getting Started**.*

Navigating the Dashboard

Teacher Access

Click here to access the Teacher Online Management Center

Grade-Level Selector

You will see grades corresponding to the sample word you used (K-5, 6-8, or K-8 access)

Help Center

Find the Getting Started and Quickstart Guides here

mySmartPlanner

Quick link to lesson plans that can be auto-populated or customized

Student Access

Click here to access the Student Interactive Digital Curriculum

Assignments

View the assignments for the last week and the upcoming week, or click the link for a complete list

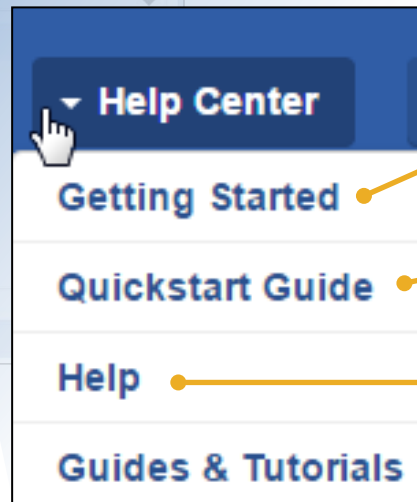
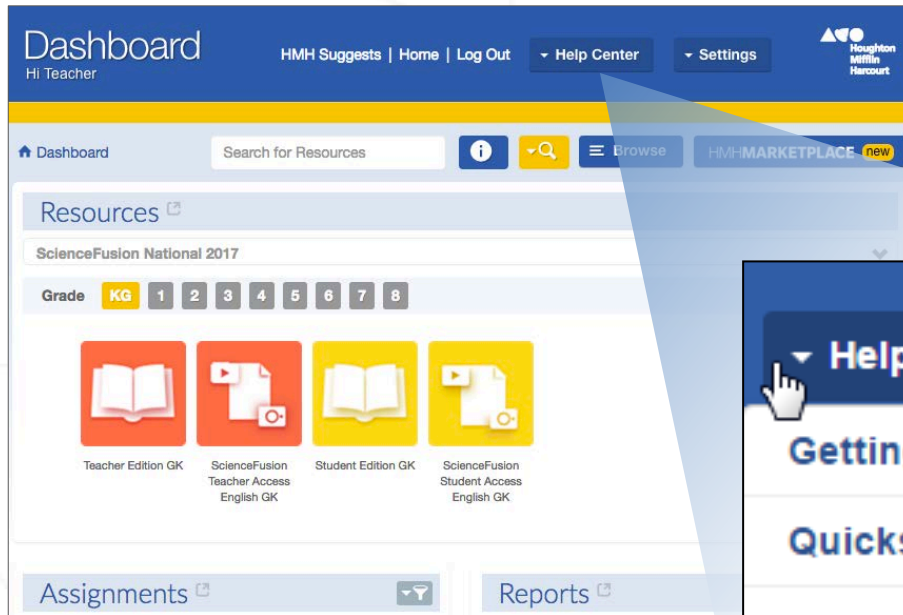
Reports

Quick link to completed reports and to run new reports

The screenshot shows the dashboard for a user named 'Hi Teacher'. The top navigation bar includes 'HMH Suggests | Home | Log Out', 'Help Center', and 'Settings'. The main content area is divided into several sections: 'mySmartPlanner' (a calendar view for Wednesday, Jun 1 2016), 'Resources' (with a search bar and a 'Grade' selector showing 'KG' selected), 'Assignments' (with a checkmark icon and a link to view assignments), and 'Reports' (with a bar chart icon and a link to view student results). The 'Resources' section features four icons: 'Teacher Edition GK', 'ScienceFusion Teacher Access English GK', 'Student Edition GK', and 'ScienceFusion Student Access English GK'. The 'Reports' section shows a score distribution: 'Under 50%', '50%-70%', and 'Over 70%'.

Help Center

The Help Center link on the Dashboard menu bar has links to additional support resources.



Getting Started

A short walkthrough of the main Dashboard features

Quickstart Guide

A PDF overview of the features and functions

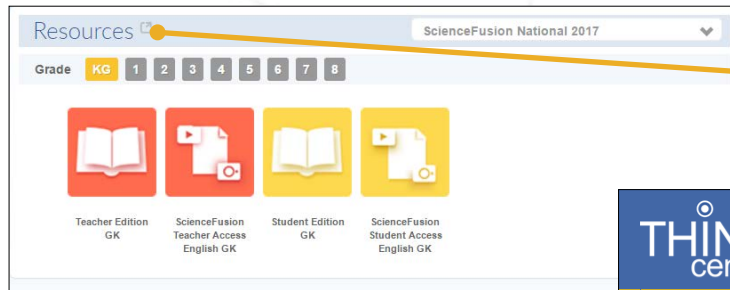
Help

Search by keyword or browse by topic

Guides & Tutorials

Related support articles, including Student Take Home Pages and video tutorials

Resources



Resources

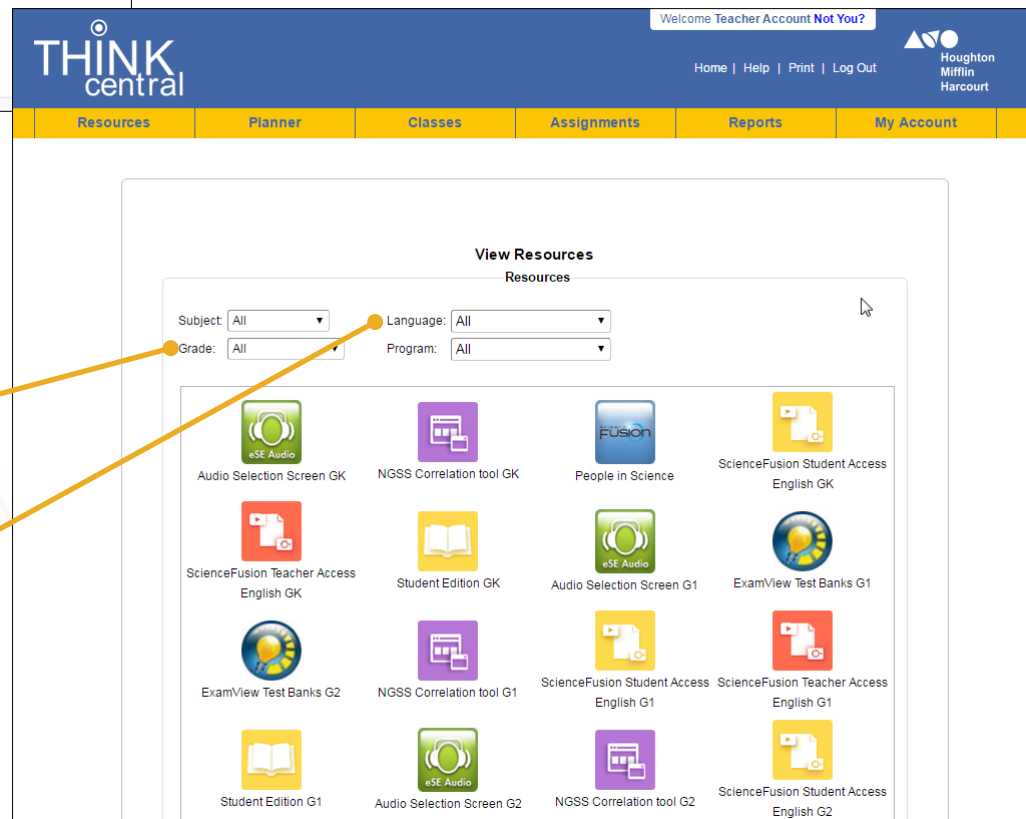
Click on the Resources link from the Dashboard widget to access more quick links to commonly used resources

Grade

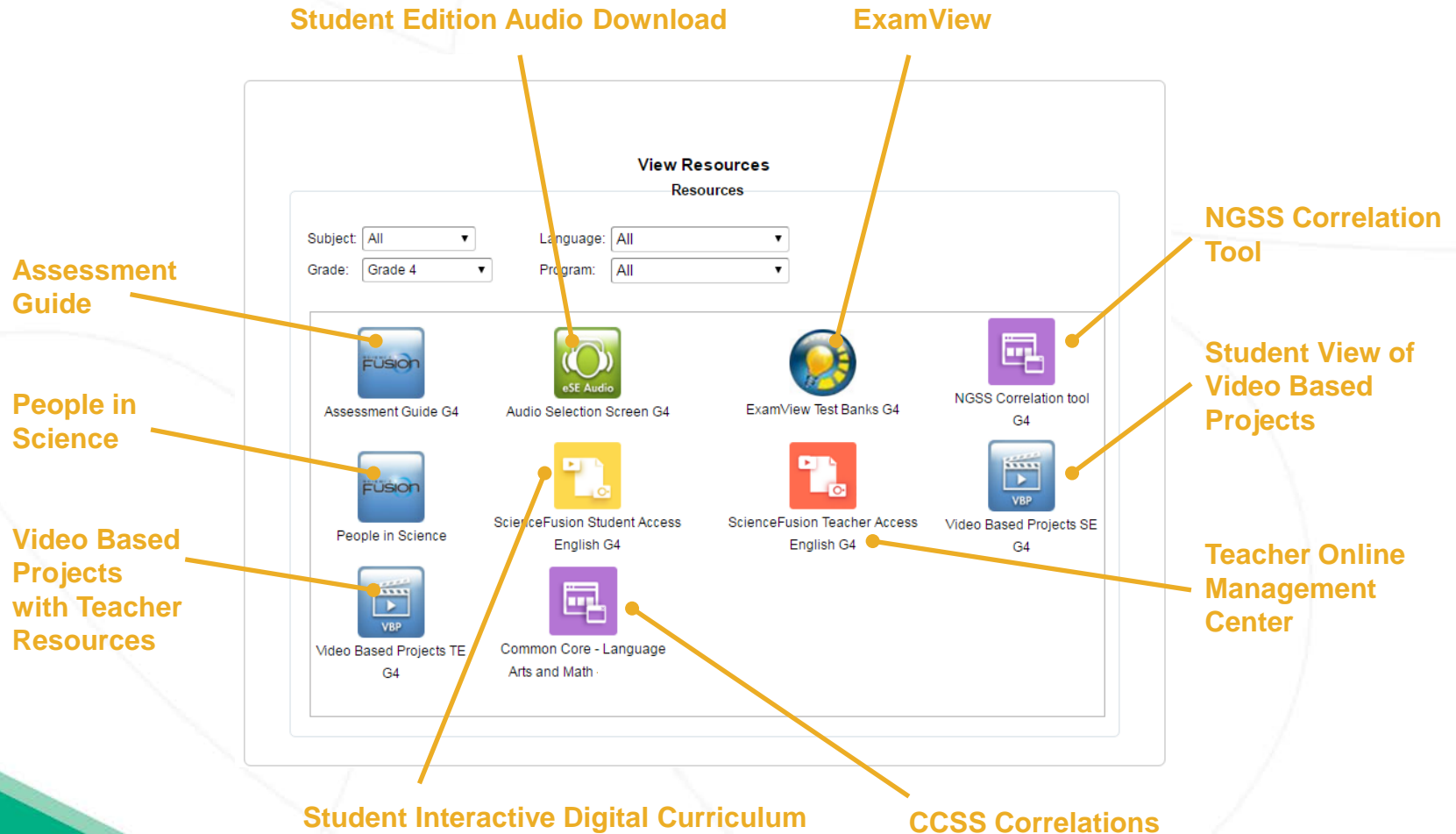
You can filter by grade to see all of the resources for one particular grade

Language

If your school has purchased Spanish *ScienceFusion*, you can filter by Language to see materials specifically in Spanish



Resource Shortcuts



Navigating *mySmartPlanner*

Navigating mySmartPlanner

From the dashboard, select **mySmartPlanner** or **Set up mySmartPlanner**.

The first time you access **mySmartPlanner**, the **Getting Started Guide** will appear to help you set up the planner. You can always return to the **Getting Started Guide** or the **Quickstart Guide** by visiting the **Help Center**.

The image shows two views of the mySmartPlanner interface. On the left is a dashboard with a 'mySmartPlanner' button and a 'Set up mySmartPlanner' button, both circled in orange. On the right is the main planner interface for the week of May 30 to Jun 3, 2016. A 'Science' block is visible on Wednesday. A pop-up window titled 'Key features of mySmartPlanner' is open, explaining that the planner has four key areas and directing users to the Help Center for more information. A 'Next' button is highlighted in the pop-up. On the right side of the planner, there is a search bar and a sidebar with sections for 'Search', 'Teaching Block and Schedule to Planner baskets', and 'Auto-Schedule, Print, and Settings'.

Navigating mySmartPlanner

Change View

Print Lesson Plans

Settings

Select your default planner settings

mySmartPlanner

Welcome Teacher Account

Help Center

Houghton Mifflin Harcourt

Day | Week | Month | Today

May 30 — Jun 3 2016

Auto-Schedule

Search for resources and lesson plans

Teaching Block

Thursday, June 02

- Science 1:00pm - 2:30pm
- Science 2:30pm - 4:00pm

Teaching Block

One click is all it takes to create your weekly schedule. You can add notes, color code, set recurrences, and create quick links to resources needed for each block.

Search

By resources, standards, or components to assign or schedule to your lesson planner

Using the Search Feature to Schedule Resources

Filters

Use the filters to narrow your search

Calendar Icon

Click here to return to *mySmartPlanner*

Search Bar

Search by keyword, component name, or lesson number

The screenshot shows the mySmartPlanner interface. At the top, there's a blue header with the mySmartPlanner logo, a 'Welcome Teacher Account' message, a 'Help Center' button, and the Houghton Mifflin Harcourt logo. Below the header, there's a yellow bar. The main content area is divided into a left sidebar and a main search results area. The sidebar contains 'Auto-Schedule', 'Back to planner', and a 'Teaching Block' section with a 'Schedule to Planner' button. The main search results area has a search bar with 'water' entered, a 'Search' button, and a 'Clear' button. Below the search bar, it says 'Viewing 1 - 10 of 647 results.' and has 'Schedule' and 'Assign' buttons. There are pagination controls showing '1' selected. Below that, there are 'Resources' and 'Lesson Plans' buttons. The search results list includes 'Student Edition Unit 7 Lesson 1 - What Is the Water Cycle?' and 'Power Notes Unit 7 Lesson 1 - What Is the Water Cycle?'. A 'Filters' section is visible on the left side of the search results area.

Schedule to Planner/Teaching Block

You can drag and drop resources directly onto a Teaching Block or Schedule to Planner for a different time.

Navigating the eBooks

Navigating the eBooks

From the Dashboard, select either the Grade-Level and either the Teacher Edition or Student Edition.

Teacher Edition

Click here to access the online Teacher Edition

Grade-Level Selector

Student Edition

Click here to access the online Student Edition

The screenshot displays a dashboard interface with a dark blue header. On the left, it says "Dashboard HI Teacher". On the right, there are links for "HMH Suggests | Home | Log Out", "Help Center", and "Settings". Below the header is a yellow bar with a search bar labeled "Search for Resources" and buttons for "Browse" and "HM-MARKETPLACE new". The main content area is divided into sections: "mySmartPlanner" on the left with a calendar for "Wednesday, Jun 1 2016"; "Resources" in the center with a "Grade" selector (KG, 1, 2, 3, 4, 5) and four eBook icons: "Teacher Edition GK", "ScienceFusion Teacher Access English GK", "Student Edition GK", and "ScienceFusion Student Access English GK"; "Assignments" and "Reports" at the bottom. Three orange arrows point from the text labels to the "Teacher Edition GK" icon, the "Grade" selector, and the "Student Edition GK" icon.

Navigating the eBooks

Contents

The Table of Contents icon allows you to navigate anywhere in the book by unit and lesson.

Bookmarks

Return to any page you've tagged using the ribbon icon

Notes

Return to places you have annotated and highlighted

Page View

View the eBook by single pages or double pages and make the font smaller or larger

Audio

Listen to a professional narrator read the text on the page

Search

Search by keyword

More

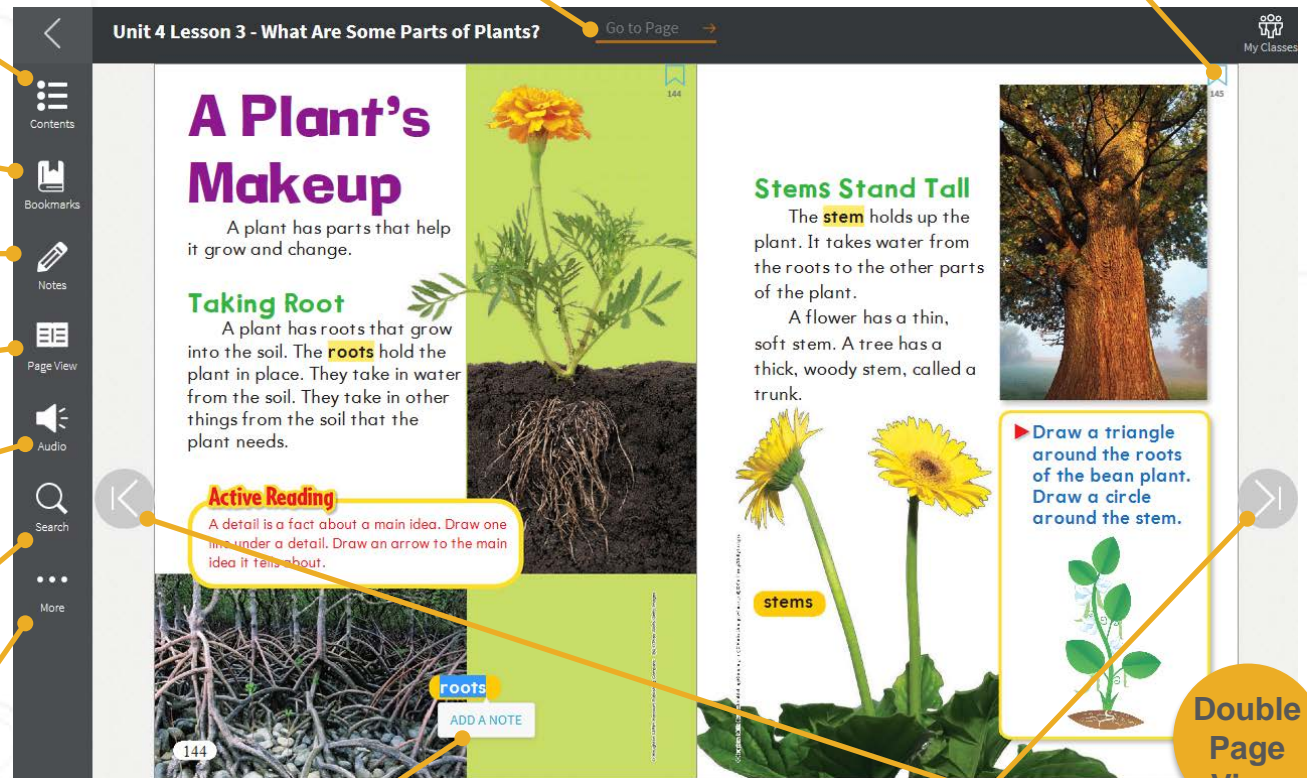
Access a Quick Start Guide

Go to Page

Type in a page number to go directly to that page.

Bookmark

Tag pages for easy reference. Once you've tagged a page, it will appear in the Bookmarks menu in the left-hand column.



Taking Root

A plant has roots that grow into the soil. The **roots** hold the plant in place. They take in water from the soil. They take in other things from the soil that the plant needs.

Active Reading

A detail is a fact about a main idea. Draw one line under a detail. Draw an arrow to the main idea it tells about.

Stems Stand Tall

The **stem** holds up the plant. It takes water from the roots to the other parts of the plant.

A flower has a thin, soft stem. A tree has a thick, woody stem, called a trunk.

▶ Draw a triangle around the roots of the bean plant. Draw a circle around the stem.

Notes and Highlighting

Double click or highlight text on the page to bring up the highlighting and note-taking widget

Navigation Arrows

Move forward and back in the text

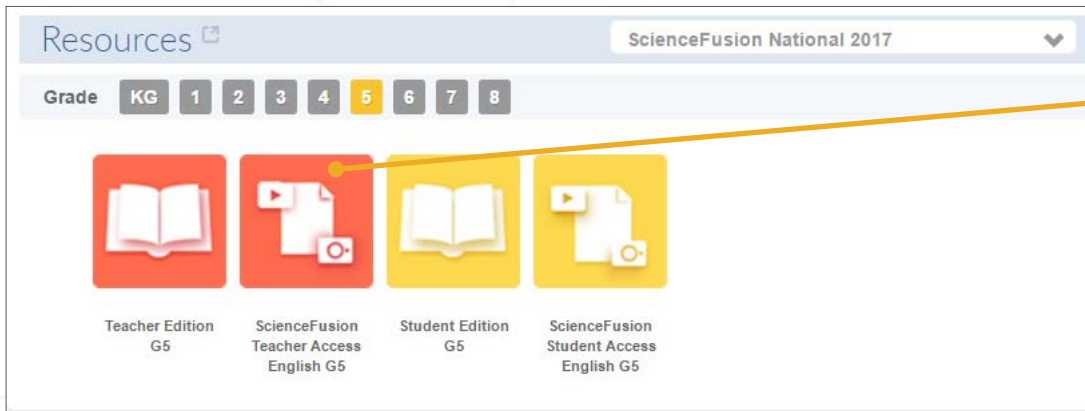
NOTE: The Grade 1 Student Edition is shown here. The Teacher Edition has the same menu and navigation tools.



Teacher Access

Accessing the Teacher Resources

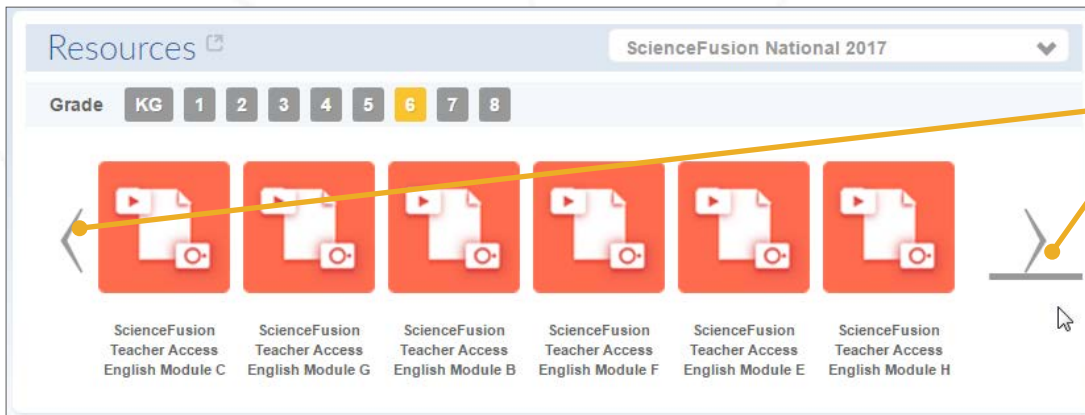
From the Dashboard, select the Grade-Level and the Teacher Access icon.



Teacher Access

This icon will take you to the Teacher Online Management Center.

K-5
View



Scroll Buttons

For Grades 6-8, you may need to scroll through the resources until you find the Teacher Access icons.

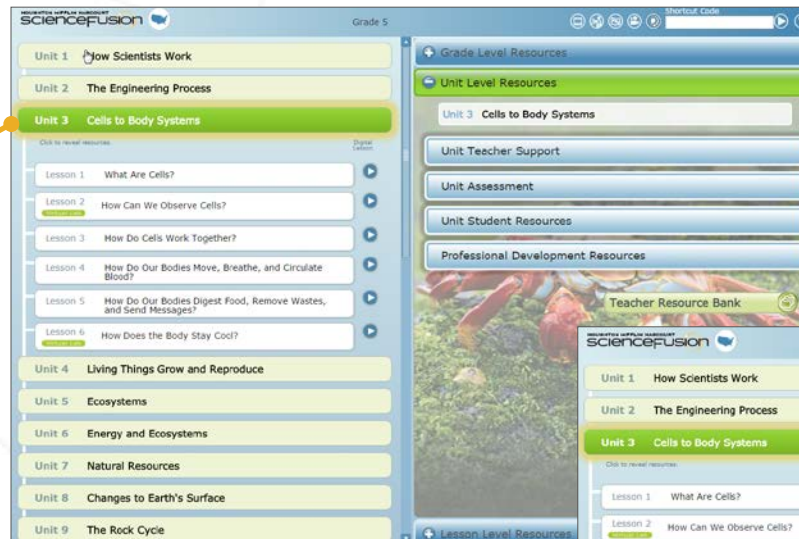
6-8
View

Navigating the Teacher Online Management Center

You can click on the tabs to drill down by unit or lesson.

Unit Tabs

When you click on a Unit Tab, the **Unit Level Resources** will display in the right-hand side of the screen.



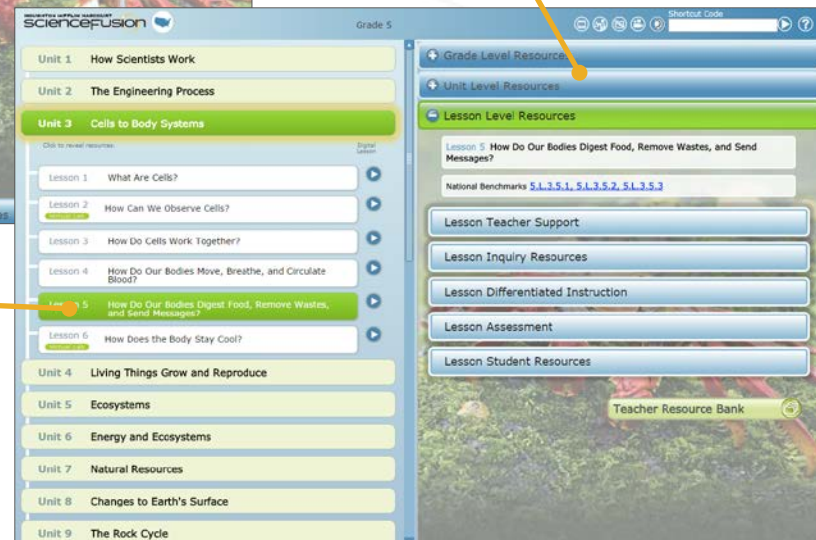
Resource Tabs

At any time, you can unfold the menu by clicking on:

- **Grade Level Resources** (*Module Level for 6-8*)
- **Unit Level Resources** or
- **Lesson Level Resources**

Lesson Tabs

When you click on a Lesson title, it will highlight in green and the **Lesson Level Resources** will appear in the right-hand side of the screen.



NOTE: The Student portal utilizes the same navigation. When you click on a unit, it will unfold the Unit Level Resources, and when you click on the Lesson title, it will unfold the Lesson Level Resources.



Teacher Online Management Center

The Teacher portal provides teachers with easy access to all of the program resources in one place.

Shortcut Bar

Icons for Media Gallery, People in Science, Glossary, NSTA Learning Center, and ExamView

Unit Tabs

Use the Unit and Lesson filters to drill down to specific resources.

Virtual Labs

Lessons with Virtual Labs have a green label below the Lesson number. Virtual Labs are embedded within the Digital Lesson.

Digital Lessons

Click the Play button to open the Digital Lesson

NOTE: In Grades 6-8, the Grade Level Resources are organized by Module Level Resources. There is also an additional shortcut for the Multilanguage Glossary on the Shortcut Bar. Last, the lessons with a virtual lab have a separate icon that takes you directly to the virtual lab.

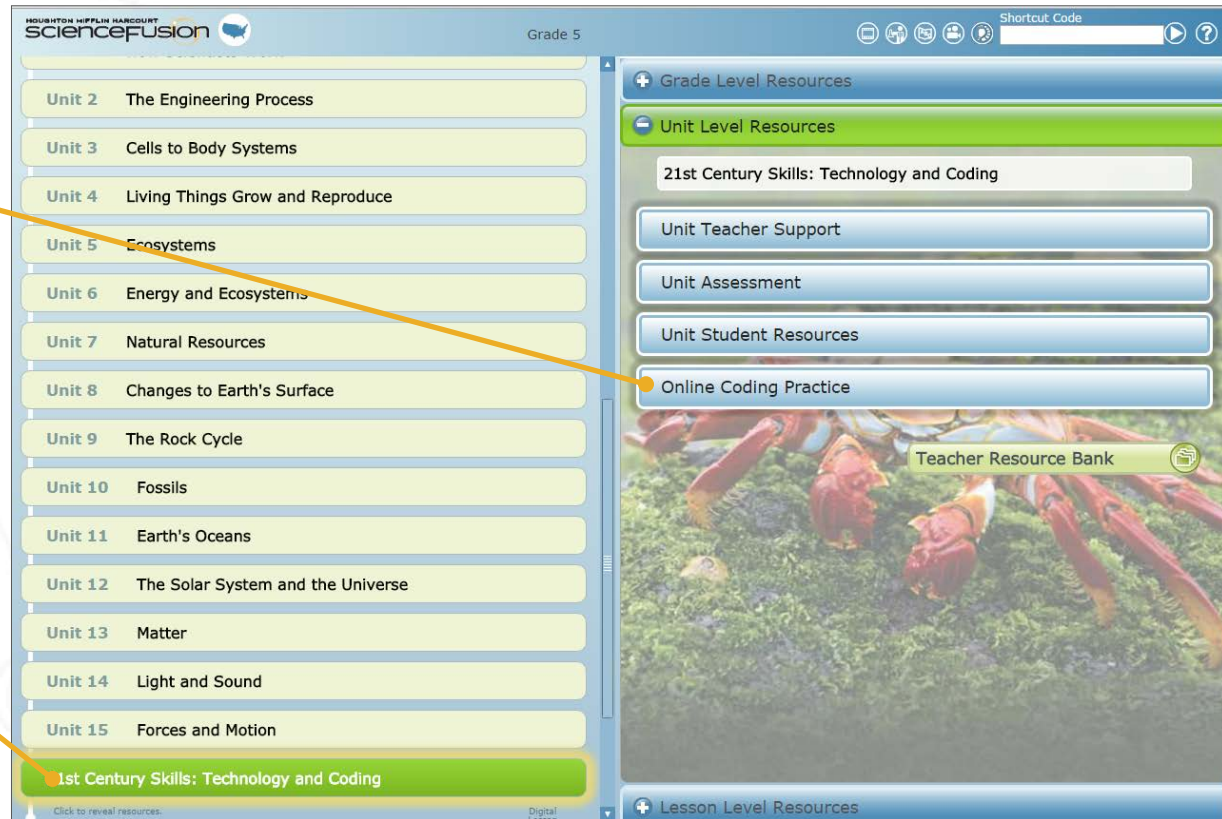
21st Century Skills: Technology and Coding

In both the K-5 and 6-8 portals, the 21st Century Skills Technology and Coding (Technology and Engineering for Kindergarten) lessons are located at the bottom of the unit list.

Online Coding Practice

The coding activities can be scheduled and assigned

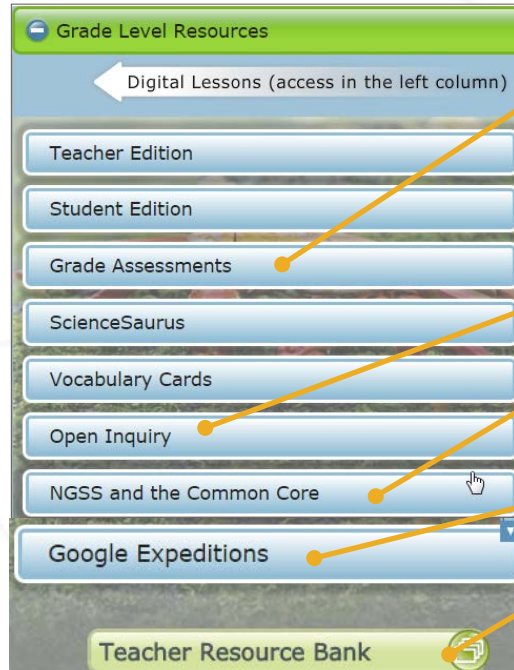
21st Century Skills



NOTE: Online Coding Practice is not available for Kindergarten

Grade/Module Level Resources:

Most resources available to the teacher can be scheduled and assigned.



Grades K-5
Resources

Cumulative Tests (K-5) End-of-Module Tests (6-8)

Online Assessments,
Assessment Guide assessments,
and Answer Key

Inquiry Worksheets

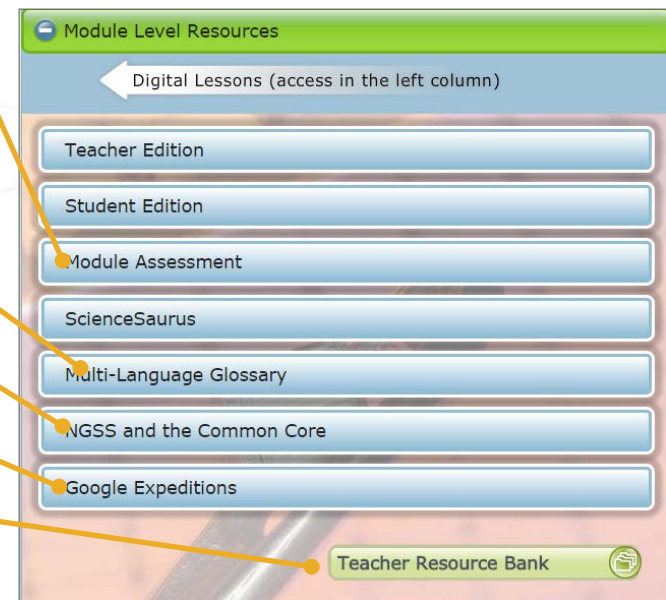
Grades 4-5 Only

Correlation Tools

Teacher Guide for Google Expeditions

Teacher Resource Bank

Inquiry Logs, Mini-Lessons,
Health Activities, Graphic
Organizers, Science Fair
Resources, etc.



Grades 6-8
Resources

Unit Level Resources

Most resources available to the teacher can be scheduled and assigned.



Grades K-5
Resources

Unit Teacher Support

K-5: Video-Based Projects, Teacher Guide for Leveled Readers, Vocabulary Cards

6-8: TE Options for Instruction, Differentiated Instruction, Content Refresher, Unit Project

Unit Assessment

Unit Tests- Online Assessment, Assessment Guide assessments, and Answer Key

Unit Student Resources

Access to all student resources, including Leveled



Grades 6-8
Resources

Readers (K-5), Unit Self-Check, and School-Home Connection

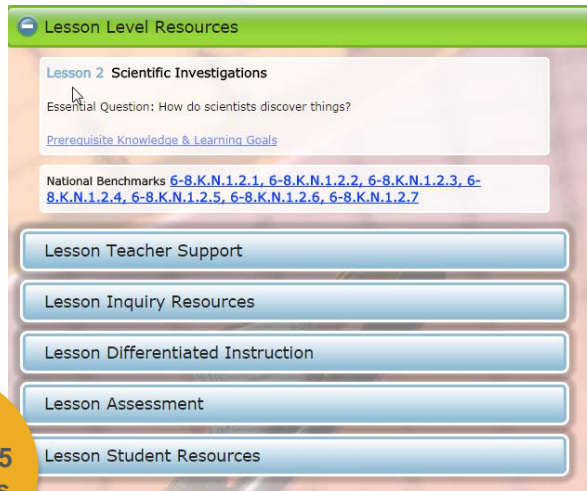
Professional Development Resources

NSTA Learning Center and NSTA SciLinks



Lesson Level Resources

Most resources available to the teacher can be scheduled and assigned



Grades K-5
Resources

Lesson Teacher Support

Teacher View of the Digital Lesson, Lesson Formative Assessment, Digital Lesson Tracker with Answers, PowerNotes Presentation

Lesson Inquiry Resources

K-5: Inquiry Flipchart PDF, Daily Inquiry Activities, Inquiry Support
6-8: Activities and Demos, Lab Manual PDFs

Lesson Differentiated Instruction

K-5: Extra Support for Vocabulary and Concepts
6-8: TE Strategies for Differentiated Instruction



Grades 6-8
Resources

Lesson Assessment

Lesson Quizzes- online assessments, Assessment Guide assessments, and Answer Key

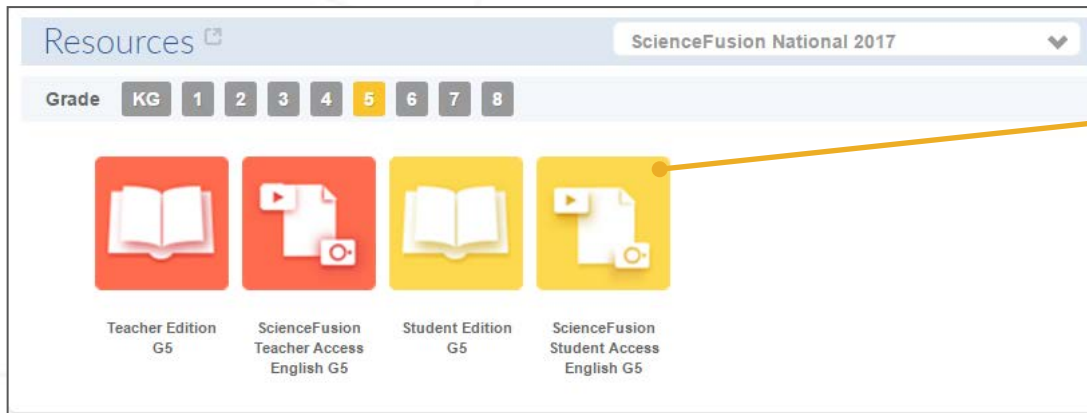
Lesson Student Resources

Student Edition, SE Audio, Student Digital Lesson, Lab Manual (6-8)

Student Access

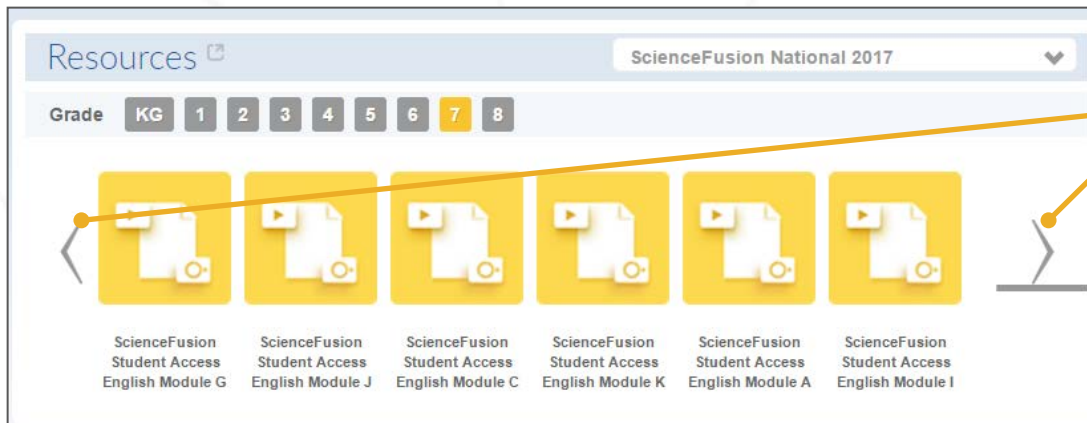
Accessing the Student Resources

From the Dashboard, select the Grade-Level and the Student Access icon.



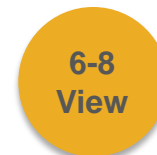
Student Access

This icon will take you to the Student portal.



Scroll Buttons

For Grades 6-8, you may need to scroll through the resources until you find the Student Access icons.



Student Interactive Digital Curriculum

The Student portal is similar to the Teacher portal. When you click on a Unit, the Unit Level Resources will unfold. When you click on a Lesson, the Lesson Level Resources menu will unfold. The 21st Century Skills lessons are located at the bottom of the list of units.

Shortcut Bar

Icons for Media Gallery, People in Science, Glossary, and Help.

Unit Tabs

Use the Unit and Lesson filters to drill down to specific resources.

Virtual Labs

Lessons with Virtual Labs have a green label below the Lesson number. Virtual Labs are embedded within the Digital Lesson.

Digital Lessons

Click the Play button to open the Digital Lesson

Grade, Unit, and Lesson Level Resources

These resources are navigated through the right side menu.

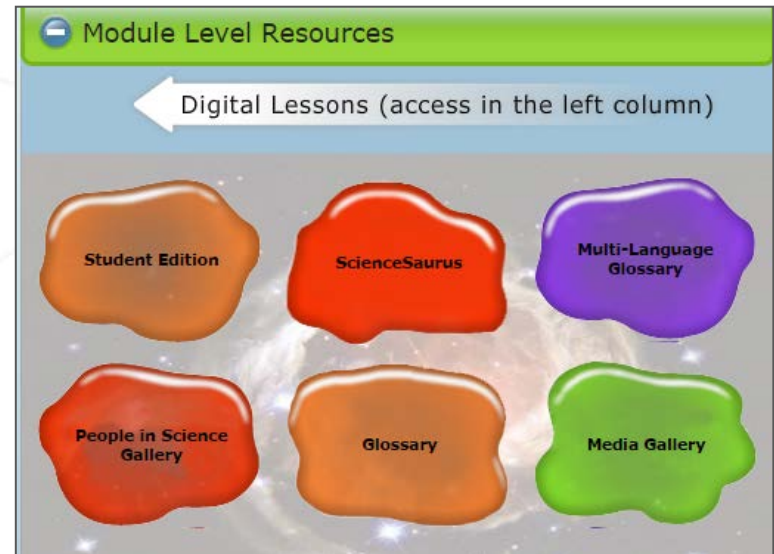
NOTE: In Grades 6-8, the Grade Level Resources are organized by Module Level Resources. There is also an additional shortcut for the Multilanguage Glossary on the Shortcut Bar. Last, the lessons with a virtual lab have a separate icon that takes you directly to the virtual lab.

Grade/Module Level Resources:

The Grade Level Resources include links to the Student Edition, *ScienceSaurus*, Glossary, People in Science Gallery, and the Media Gallery. Grades K-5 includes a link to the Student Vocabulary Cards, while 6-8 includes a Multi-Language Glossary.



Grades K-5
Resources



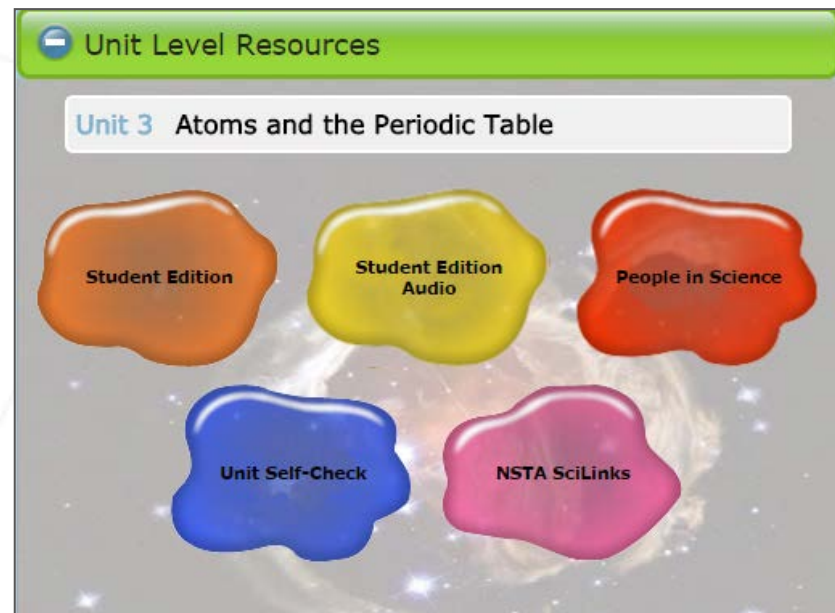
Grades 6-8
Resources

Unit Level Resources:

The Unit Level Resources include links to the SE, the audio read of the SE, People in Science, NSTA SciLinks, and the Unit Self-Check quiz. Grades K-5 also has links to the Student Vocabulary Cards and the Science and Engineering Leveled Readers.



Grades K-5
Resources



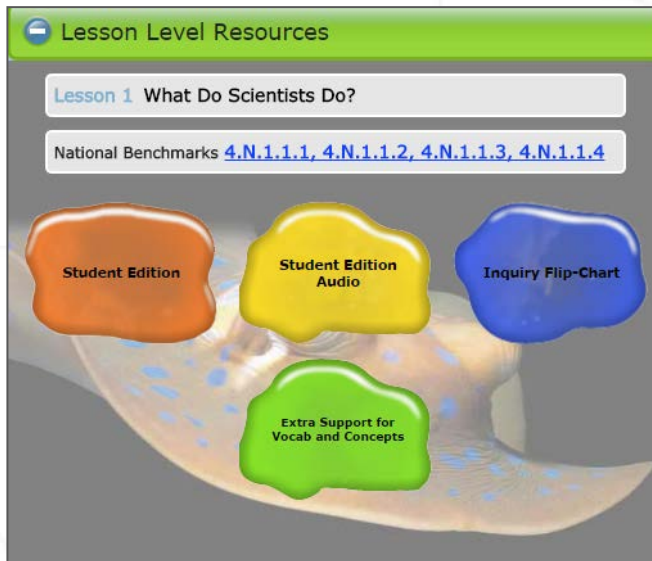
Grades 6-8
Resources

Lesson Level Resources:

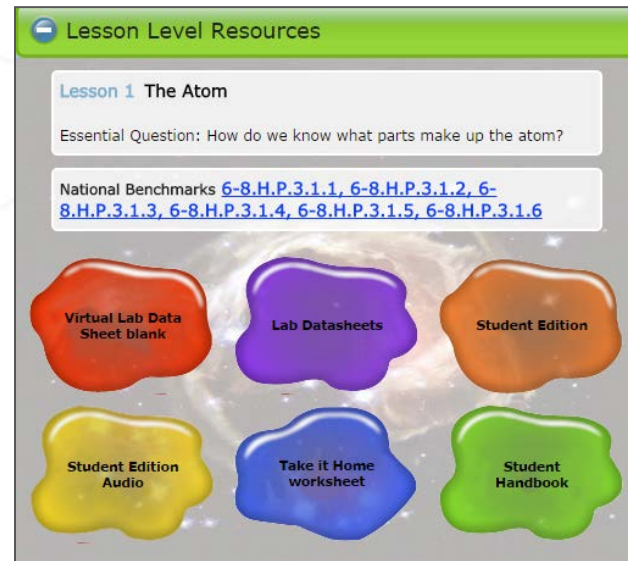
The Lesson Level Resources include links to the SE and the audio read of the SE.

Grades K-5 includes links to the Inquiry Flipchart PDFs and the Extra Support for Vocab and Concepts worksheets.

Grades 6-8 includes links to blank Virtual Lab Data Sheets, Lab Manual Datasheets, Take it Home worksheets, and the Student Handbook.



Grades K-5
Resources

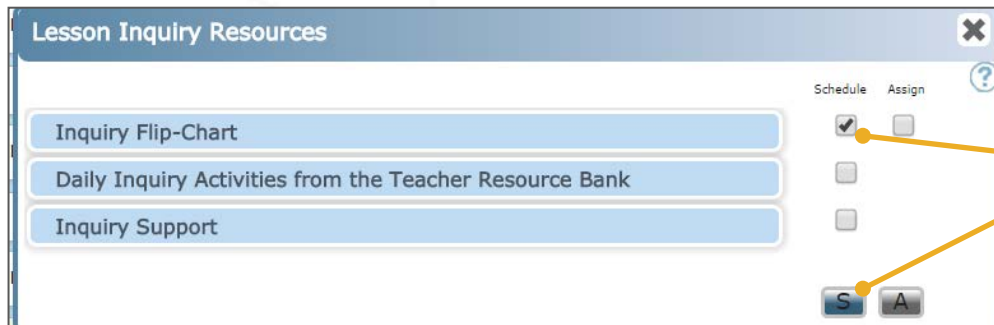


Grades 6-8
Resources

How-To: Common Tasks

Scheduling Resources

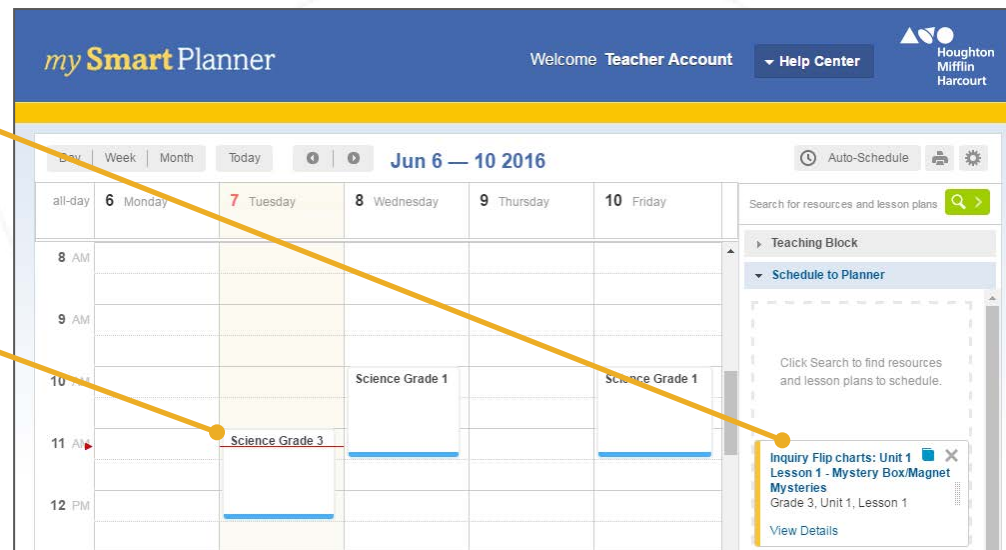
From the Teacher portal, select the resource you want to schedule by clicking on it.



1. Click the check box next to each item you want to schedule and then click the "S" button.

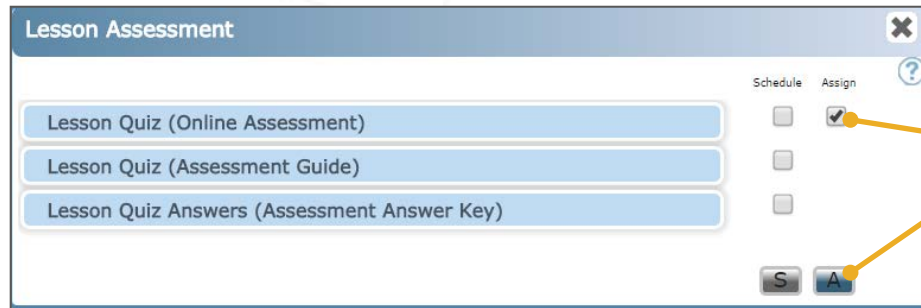
2. *mySmartPlanner* will open and you will see the resource under the "Schedule to Planner" menu.

3. Drag and drop the resource onto a teaching block to schedule it for that period.



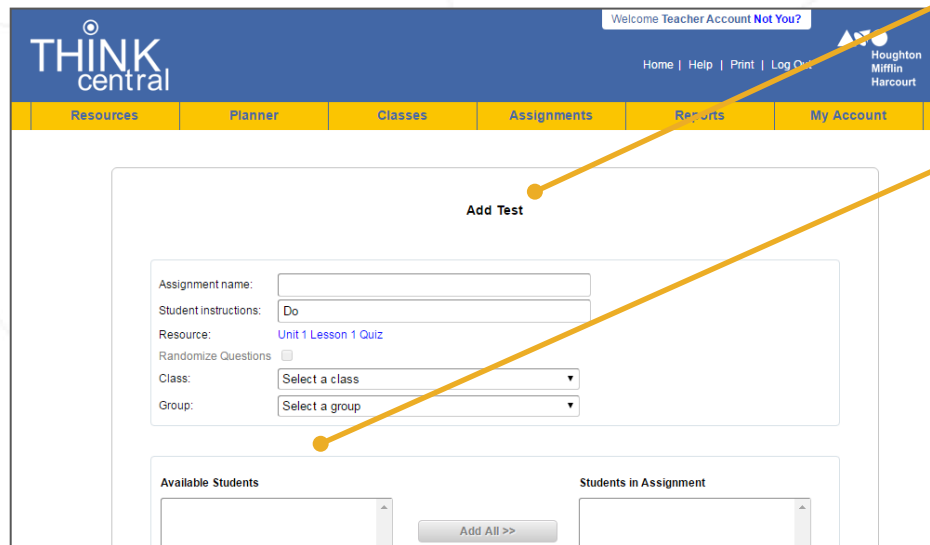
Assigning Resources

From the Teacher portal, select the resource you want to assign by clicking on it.



1. Click the check box next to each item you want to assign and then click the "A" button.

2. Depending on what you have selected, either the Add Assignment or Add Test screen will appear.

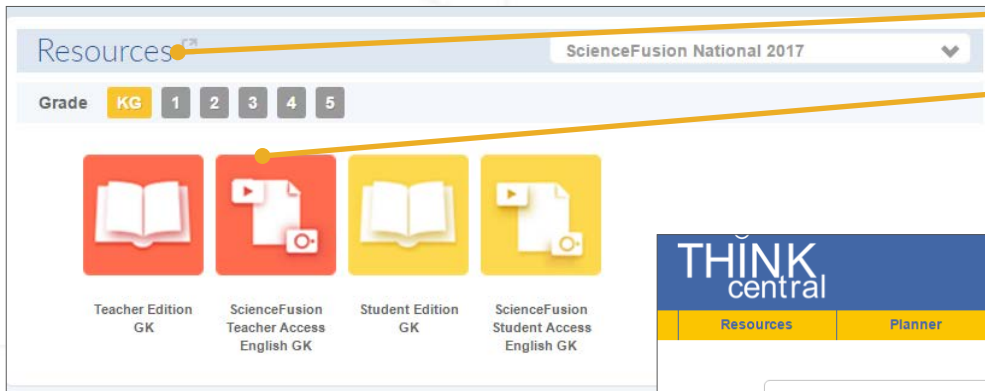


3. Fill out the required information, like the Assignment Name and Student Instructions. You can also add the names of the students who should take the assignment and set start and end dates for the task.

Assessment

Accessing Assessment

From the Dashboard, select the Grade Level and the Teacher Access icon or select Resources for quick links to ExamView.



Resources

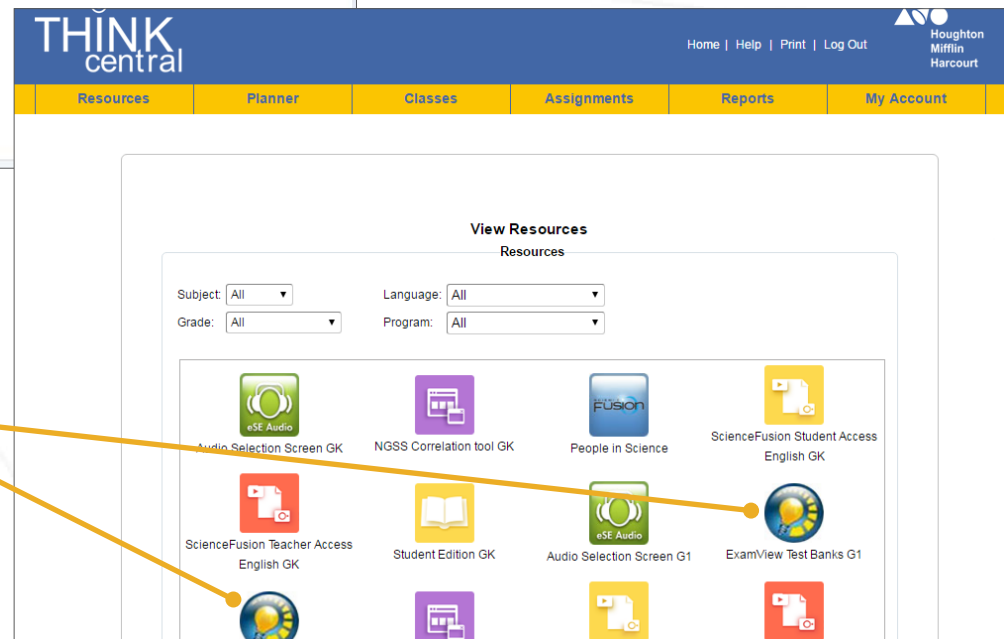
Teacher Access

This icon will take you to the Teacher portal, where you can select from additional assessments.

ExamView Test Banks

Test banks are organized by grade or module and then by unit.

NOTE: ExamView must be installed to view test banks.



Accessing Assessment

Once you've accessed the Teacher portal via the Teacher Access icon, you can navigate to the unit and lesson to find additional assessments.

The screenshot shows the sciencefusion Grade 3 Teacher portal. The left sidebar lists units and lessons. The main content area shows 'Grade Level Resources' with various tabs. Orange arrows point from text boxes on the right to the 'Grade Assessments' tab and the 'Unit Level Resources' and 'Lesson Level Resources' tabs.

Grade Level Assessments

Assessment options are under each tab

Unit Assessments

Select the unit of study and the Unit Level Resources to view Unit Assessments.

Lesson Assessment

Select the lesson and the Lesson Level Resources to view Lesson Assessments.

SCIENCE
FUSION
New **Energy** for **Science!**

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