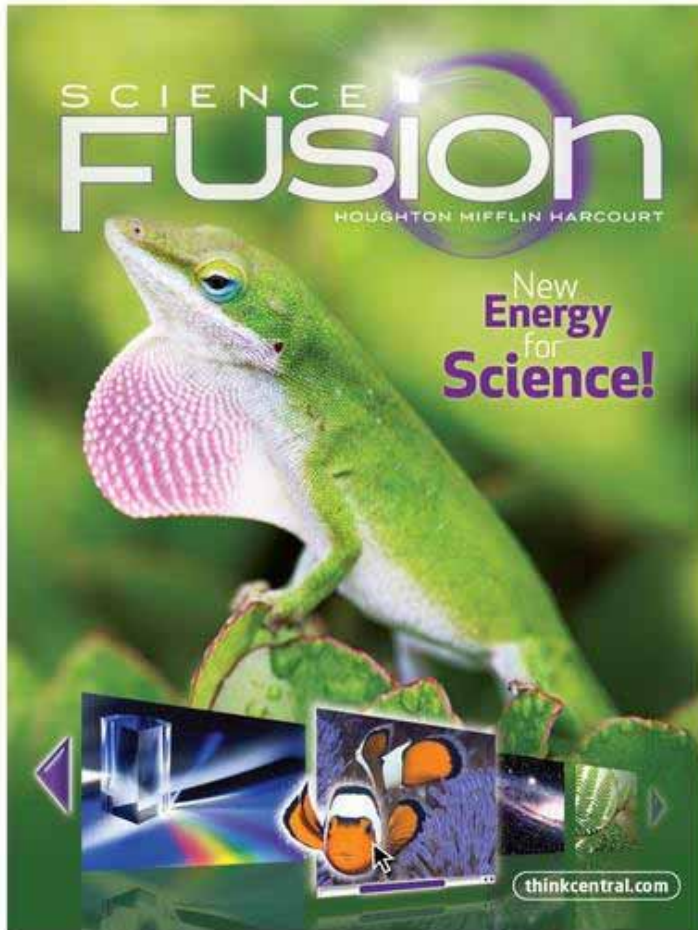


SCIENCE FUSION

Getting Started Guide



Houghton Mifflin Harcourt

Table of Contents

What is ScienceFusion ?	3
What is ThinkCentral?	3
Getting Started	4
Using Pacing Guides	4
Logging in as the Administrator	5
Setting Up Teacher Accounts	6
Setting Up Student Accounts	8
Setting Up a Class	8
Assigning Students	10
Logging in to ThinkCentral	11
Adding Quizzes and Tests	12
Assigning Lessons	19
Student Accounts	21
Helpful Links	28
Frequently Asked Questions	29



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What is *ScienceFusion*?

ScienceFusion offers lessons with extensive print and online content. Every click, every page turn, every lab and activity is an opportunity for students to ask questions, think critically, and make informed decisions.

No two students are alike, and each student learns in different ways—visual, kinesthetic, reading, or writing. With ***ScienceFusion***, lessons are designed to be accessed in multiple ways, and you get a full curriculum of digital and print lessons that are complementary. Each lesson provides unique options so your student can learn and apply new concepts and skills.

ScienceFusion's complete science curriculum consists of:

eLearning Curriculum: ***ScienceFusion*** offers students a full online science curriculum, including digital lessons, virtual labs, Video-based Projects, animations, simulations, and access to science eTextbooks.

Write-in Student Worktext: Research has shown that today's students process information differently, and the Student Worktext is designed to reflect this. Rather than bombard students with page after page of text, the program uses visual cues to draw students through a progression of informative elements.

Leveled labs and activities: Connect what students learn in a hands-on setting to the content and skills learned in the write-in textbook and the digital lessons. To help you match instruction to your child's needs, inquiry levels are provided for every lab of ***ScienceFusion***.

What is ThinkCentral?

ThinkCentral K-6 is the Houghton Mifflin Harcourt (HMH) platform that allows students and teachers to access all digital materials associated with one or more HMH K-6 programs. Each Administrator, Teacher, and Student must have assigned unique user names and password to access the digital resources in all subject areas purchased.

Tips and Tricks

- Always open ThinkCentral in Chrome or Firefox. Chrome is preferred. Explorer is not recommended for use with ThinkCentral.
- Teacher and Student must log-in using different browsers if using the same computer at the same time.
- Allow Pop-up windows.
- Clear cookies daily before logging into ThinkCentral to use ***ScienceFusion***. Clear cookies often. Clearing cookies will improve your online experience when using ***ScienceFusion***.
- Please allow 24 hours for assignments to be loaded to the student account in ThinkCentral once account set-up and student component assignments have been entered.
- If the following dialog box appears, you have inadvertently closed the window or tab for the login entry page. Close all windows and tabs, then close the browser. Wait ten minutes and log-in again.



Getting Started

ScienceFusion is a full-featured, robust science program used in thousands of classrooms across the United States. It is written to match the National Science Education Standards and is designed for flexibility and ease of use.

While this may seem overwhelming at first, please remember that all of the resources are available to you, but you are not required to use every one of them in the homeschool classroom.

Note: What you see on ThinkCentral is identical to what K12 schools see. Some functions will not apply to the homeschool user.

All of the basic instructions for creating Teacher and Student accounts, creating a class, and assignments are incorporated in this Getting Started Guide. Additional links are provided in the [Helpful Links](#) section of this document.

Using Pacing Guides

Links to the Pacing Guides for **ScienceFusion** have been provided in the [Helpful Links](#) section of this guide. Please take time to review the Pacing Guide that pertains to your child's grade level. This will be the first, most useful step in planning lessons for the school year. It gives a clear roadmap to follow for your lesson plans. The Pacing Guide will give you the lessons, by Unit, recommended length of time, and access to the print and digital resources necessary to complete each lesson. These lessons may be modified meet the needs of your child.

Pacing Guide			
SE = Student Edition Interactive Worktext		TE = Teacher Edition	
Days	Activity Type	Print Path	Digital Path
Unit 1 Opener			
Lesson 1: How Do Scientists Investigate Questions			
1-2 days	Big Idea	SE/*TE, pp. 1–2	
	Lesson	SE/*TE, pp. 3–11	Screens 1–9
1 day	Hands-on Inquiry		Inquiry Flip Chart, p. 2 *TE, p. 1D, 3A
1 day	Review	SE/*TE, pp. 12–14	
	Assessment		* Lesson 1 Quiz
Lesson 2: How Can You Use a Model?			
1-2 days	Virtual Lab		Screens 1–13
	Hands-on Inquiry	SE, pp. 15–16	Inquiry Flip Chart, p. 3 *TE, p. 1E, 15A–16
1 day	Assessment		* Lesson 2 Quiz


Logging in for the First Time as the Administrator

You will receive a Welcome Letter with your initial Administrator log-in and password information. Keep this letter as it contains key telephone and email information for technical support in the unlikely event you encounter technical issues.

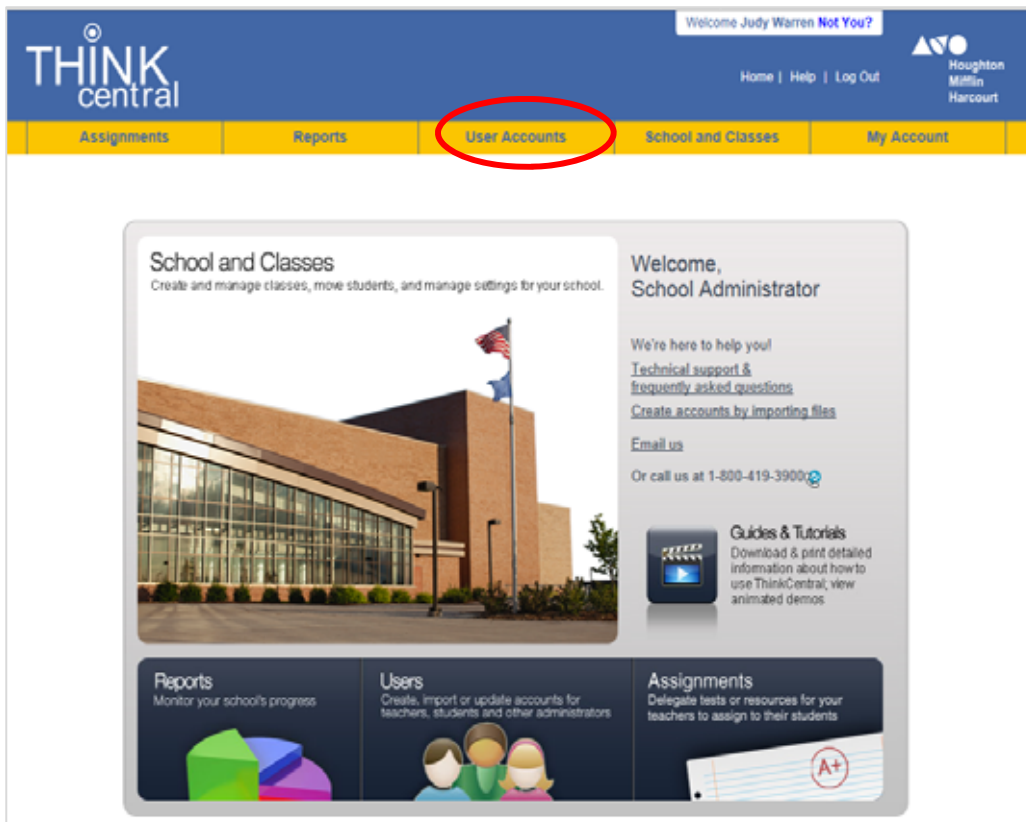
Navigate to <http://www-k6.thinkcentral.com>

1. Select STATE = District of Columbia
2. Select DISTRICT = Science Fusion Homeschool
3. Select SCHOOL = Name of Purchaser
4. Enter USERNAME = (this will be included with your administrator letter emailed after the initial Welcome Letter)
5. Enter PASSWORD = (this will be included with your administrator letter emailed after the initial Welcome Letter)

Once logged in, you will be required to change your password and set up three password hints.

 Passwords must be between 5 and 32 characters long and contain: one or more upper-case letter, one lower case letter, one number, and one special character. For example: P@55w()rd.

Accept the Terms and Conditions and Privacy Policy by checking each box and click return. Doing so will take you to the main screen.



The screenshot shows the ThinkCentral administrator interface. At the top, there is a blue header with the ThinkCentral logo and a welcome message for 'Judy Warren'. Below the header is a yellow navigation bar with several menu items: 'Assignments', 'Reports', 'User Accounts' (circled in red), 'School and Classes', and 'My Account'. The main content area is divided into several sections. On the left, there is a 'School and Classes' section with a photo of a school building. On the right, there is a 'Welcome, School Administrator' section with links for 'Technical support & frequently asked questions', 'Create accounts by importing files', and 'Email us'. Below these sections are three smaller boxes: 'Reports' (with a pie chart icon), 'Users' (with an icon of three people), and 'Assignments' (with a notebook icon and an 'A+' grade).

Note: Use the Administrator account to look up any forgotten user names and password for teachers and students.

Setting up Teacher Accounts

Once at the main screen, click on **User Accounts**. At this window, select **User Type** >> **Teacher** >> **Add**

At this window, first select **User Type** >> **teacher** and fill in all required fields designated with a red asterisk. Make sure you select any or all of the grade level products purchased as this populates all of the online resources.

Note: *ScienceFusion* Modules for grades 6, 7, & 8 will all populate if any one of these three grades is selected.

Setting up Teacher Accounts, *continued*

Once you have completed setting up the account and clicked add, you will be taken to the **User Account Registration Confirmation Page**. It is very important to **print this page** for your records as it contains the teacher's unique ThinkCentral Credentials.

The screenshot shows the ThinkCentral interface. At the top, there is a blue header with the ThinkCentral logo on the left, a welcome message "Welcome Judy Warren Not You?" in the center, and navigation links "Home | Help | Print | Log Out" on the right. Below the header is a yellow navigation bar with tabs for "Assignments", "Reports", "User Accounts", "School and Classes", and "My Account". The "User Accounts" tab is currently selected. The main content area is titled "User Account Registration Confirmation" (circled in red). Below the title, it states: "Mona Boyd was successfully registered with the following account information:" followed by a list of details: District: ScienceFusion Homesch Dist, School: Judy Warren, User Type: Teacher, Username: mboyd, Password: DSteuer123I. Below this information, there is a section titled "Available Products" with a list of items: HSP Science Leveled Readers G3, ScienceFusion Glossary, Unit Quiz, People in Science, Audio Selection Screen G3, Electronic Student Edition (eSE) G3, Assessment Guide G3, Electronic Teacher Edition (eTE) G3, Inquiry Lesson Pages G3, and Inquiry Support G3.

Note: The Administrator has access to all user names and passwords should the User Account Registration Confirmation pages for teachers and students be misplaced.

The Administrator may also allow Teachers to add and edit student accounts. Once the Teacher account has been set-up, the Administrator can go to the **Schools and Classes** tab >> **Schools** >> **Configuration Settings**, then check the box, "Allow teachers to create and edit student user accounts," then click **Save**.

Setting Up Student Accounts

The process for adding a student is the same with the exception you must select **Student** when entering **User Type**.



When adding a student, a **new** ThinkCentral Credential must be created. You may select whatever User Name you wish. Passwords must be between 5 and 32 characters long and contain: one or more upper-case letter, one lower case letter, one number, and one special character. For example:P@55w()rd.

Once you have completed setting up the account and clicked add, you will be taken to the **User Account Registration Confirmation Page**. It is very important to **print this page** for your records as it contains the student's unique ThinkCentral Credentials.

Note: *Completing the NCLB Data form is optional.*

Setting Up a Class

From the **HOME** window, hover over **Schools and Classes** >> **Find and Manage** >> **Add Class** (at the very bottom right of the window)

Manage Classes

Export

Include: All Active Inactive Archived Export

Find Classes

Teacher: All ▼

Status: All ▼ Find Clear

Classes

Name	Teacher	Grade	Period	Status
Science Fusion G3	Judy Warren	3	All	Active

Export Results

1 - 1 of 1 Records

Add Class...

Setting Up a Class, *continued*

The **Add Class** window appears. Select the teacher, name the class, grade level, and select the components that you would like your student's Student Account to include. You will want to include the following components on your child's Student Account:

- Audio Selection Screen
- Electronic Student Edition
- ScienceFusion Student Access
- Video-based Projects
- HSP Science Leveled Readers (Applies to Grades K-5 only)

The Spanish version of ScienceFusion is included with the program at no charge. You may, or may not, opt to select this for your student.

Click **Save** but *do not* leave this page. The next step will be to **Assign Students**.

Add Class

✓ 1. Define class details 2. Assign students to class

Teacher: McCullough, Lisa

Define the Class

Class Name: Science Fusion G6 Description:

Grade: Grade 6 Period: All

Add Adaptive Learning Products

Define the Library

Check the programs or products to put in the students' library:

Filter your view by: Language: All Program: All

Active Inactive

Include	Product	ISBN
<input checked="" type="checkbox"/>	Audio Selection Screen Module A	9780547692494
<input checked="" type="checkbox"/>	Electronic Student Edition (eSE) Module A	9780547692166
<input checked="" type="checkbox"/>	Libro electrónico del estudiante módulo A	9780547780160
<input checked="" type="checkbox"/>	Pantalla de selección de audio módulo A	9780547780382
<input checked="" type="checkbox"/>	ScienceFusion Student Access English Module A Cells and Heredity	9780547781976
<input checked="" type="checkbox"/>	ScienceFusion Student Access Spanish Module A	9780547870397
<input checked="" type="checkbox"/>	Video Based Projects Module A, (SE)	9780547752990

Save Cancel Assign Students

Assigning Students

When **Assign Students** is selected, the next window that appears is where you will add your student. Select **Find Students**. Select the appropriate grade for your student, click on the student in the **Assign students to class** box, and **Add**. Click **Done**.

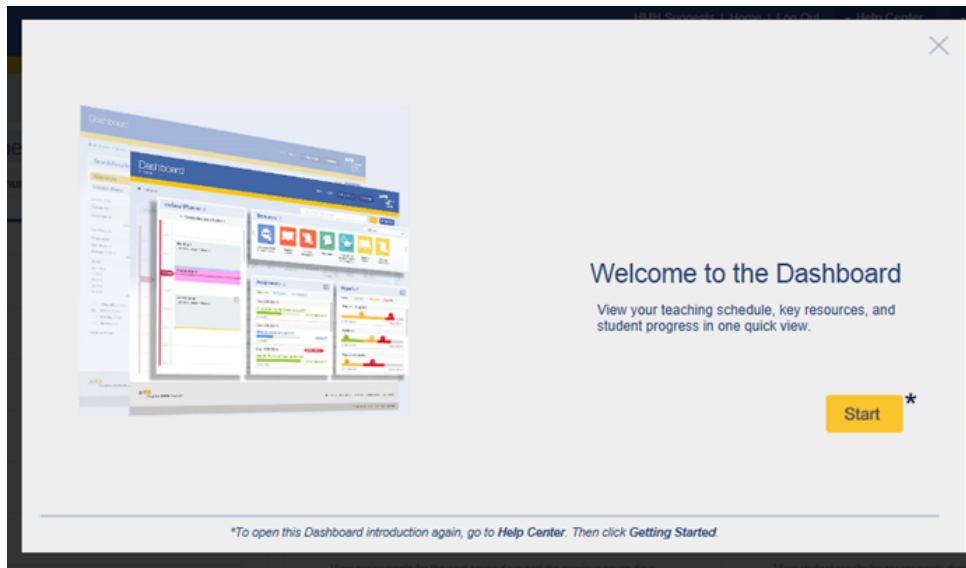
The screenshot shows the 'Add Class' interface. At the top, there are navigation tabs: Assignments, Reports, User Accounts, School and Classes, and My Account. The main content area is titled 'Add Class' and has two steps: '1. Define class details' (marked with a green check) and '2. Assign students to class'. The class name is 'Science Fusion G8'. Under 'Find students', there is a dropdown menu for 'Select students from grade' set to 'All', with 'Find' and 'Clear' buttons. Below this is the 'Assign students to class' section, which has a list of students on the left (Knight, Nikki; Warren, Maggie) and a 'Class Roster' box on the right. Between them are buttons: 'Add All >>', 'Add >', '< Remove', and '<< Remove All'. At the bottom are buttons: '<<Edit Class', 'Export Class Roster', 'Cancel', and 'Done'.

Administrator, Teacher, and Student accounts are now complete! **Log out as the administrator.** You are now ready to log-in to the Dashboard on ThinkCentral as the Teacher.

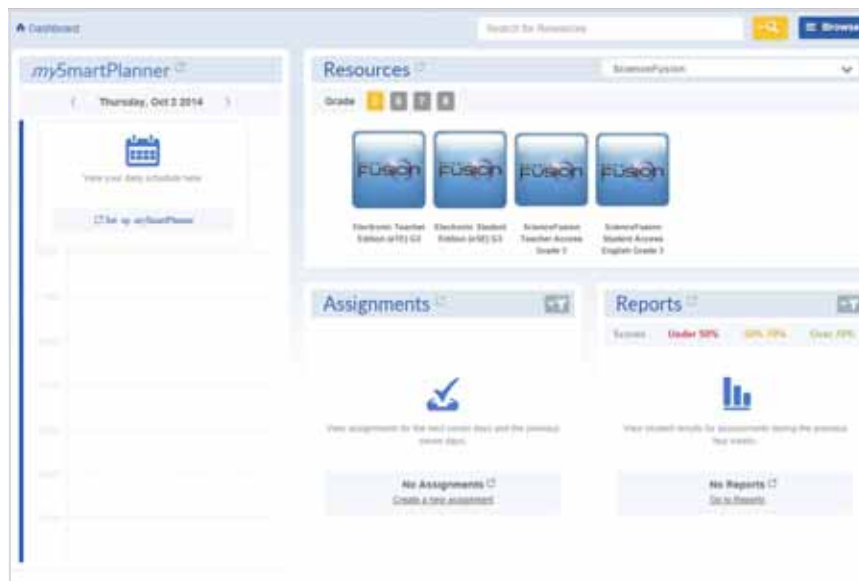
Logging in to ThinkCentral as the Teacher

1. Navigate to www-k6.thinkcentral.com.
2. Select your country, state, district, and school.
3. To make subsequent logins easier, check **Remember My School** (optional).
4. Enter your user name and password.
5. Click **Log In**.

The first time you log in as a teacher, you will be asked three security questions. Complete the questions and check the boxes accepting the Terms and Conditions and Privacy Policy. This is a one-time occurrence. This is the next window that will appear. Click **Start**.



Clicking through the next several windows will take you through a brief review of the Dashboard. From the Dashboard, you can find resources, **mySmartPlanner**, assignments, and student performance reports.



Note: You can access Getting Started, Quickstart Guides, online Help, and Guides and Tutorials at any time from the Help Center on your Teacher Dashboard. Most homeschool parents may not have the need to use **mySmartPlanner** due to the size of the class. However, a link to the Getting Started Guide for **mySmartPlanner** is located in the [Helpful Links](#) section of this Guide.

Adding Quizzes and Tests

The best way to create an assignment is by clicking on the **ScienceFusion Teacher Access** button and not from the **Assignments** section as shown at the bottom center of the Dashboard. By creating the assignment directly from the **ScienceFusion** program, you will have ready access to all of the resources available for each lesson.

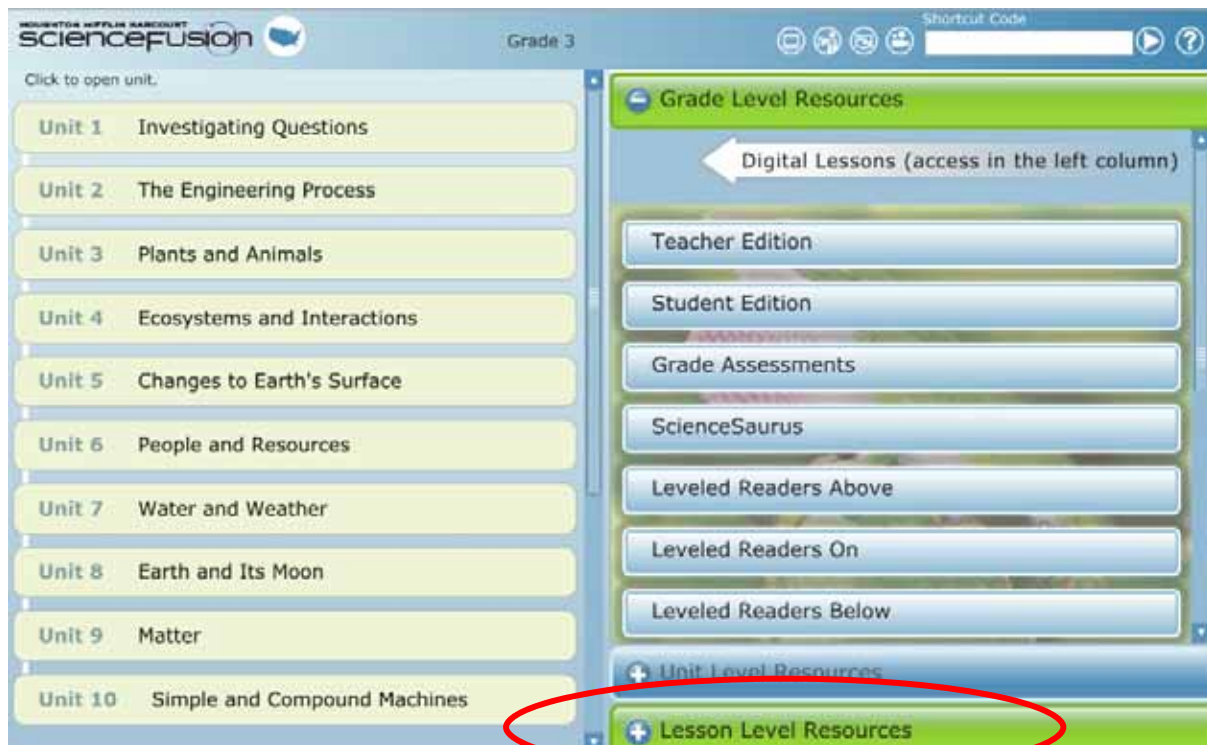
Note: All student lessons and resources are pre-loaded into the Student Edition of **ScienceFusion**. As the teacher, it is up to you whether you wish to formerly assign the lesson. *Quizzes and tests are not automatic, they must be assigned by the teacher.*

The screenshot displays the ScienceFusion dashboard interface. At the top, there is a navigation bar with the text "Dashboard" and "HMH Suggests | Home | Log Out | Help Center | Settings". Below this, a search bar for resources is visible. The main content area is divided into several sections:

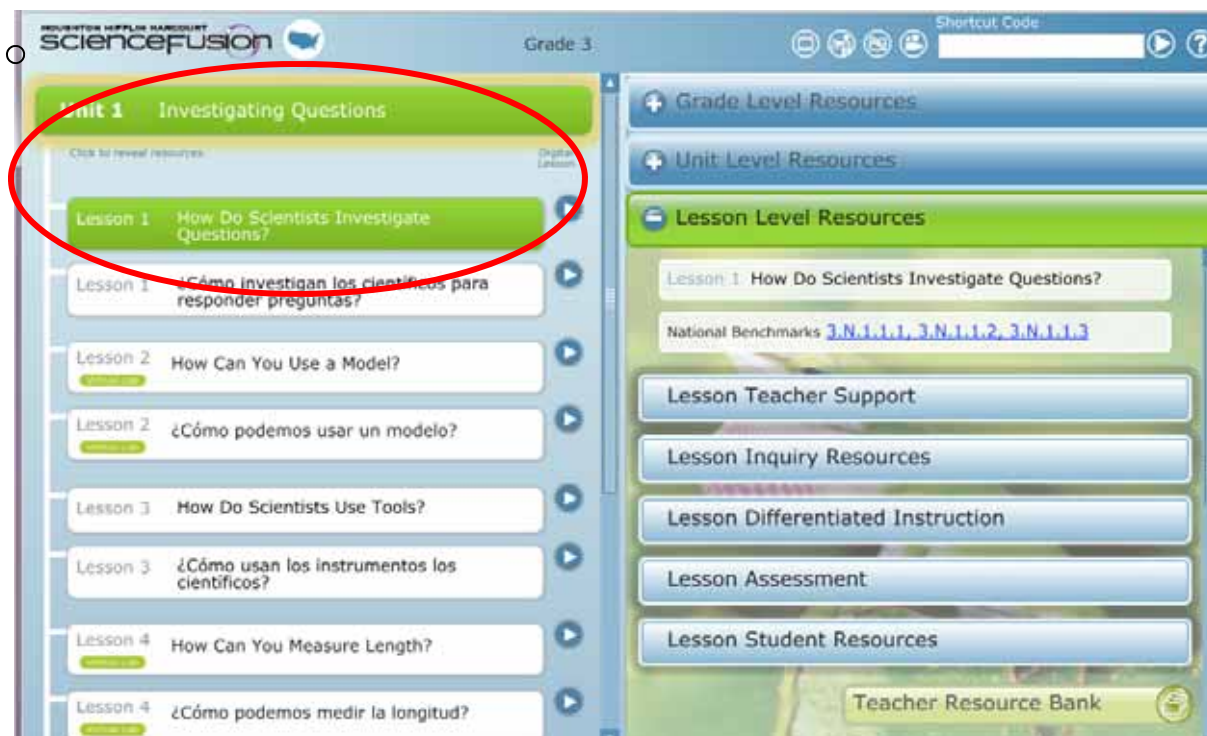
- mySmartPlanner:** Shows the current date as "Wednesday, Oct 8 2014" and a button to "Set up mySmartPlanner".
- Resources:** Features a "Grade" selector set to "5" and four buttons labeled "FUSION". The third button, "ScienceFusion Teacher Access Grade 5", is highlighted with a red circle.
- Assignments:** Displays a checkmark icon and the text "View assignments for the next seven days and the previous seven days." Below this, a button labeled "No Assignments" is circled in red.
- Reports:** Shows a bar chart icon and the text "View student results for assessments during the previous four weeks." Below this, a button labeled "No Reports" is visible.

Adding Quizzes and Tests, *continued*

The next window that appears after clicking the blue box, **ScienceFusion Teacher Access** in the **Resources** window on the Dashboard, is the **ScienceFusion** program window. Click on **Lesson Level Resources** on the bottom right of the screen.

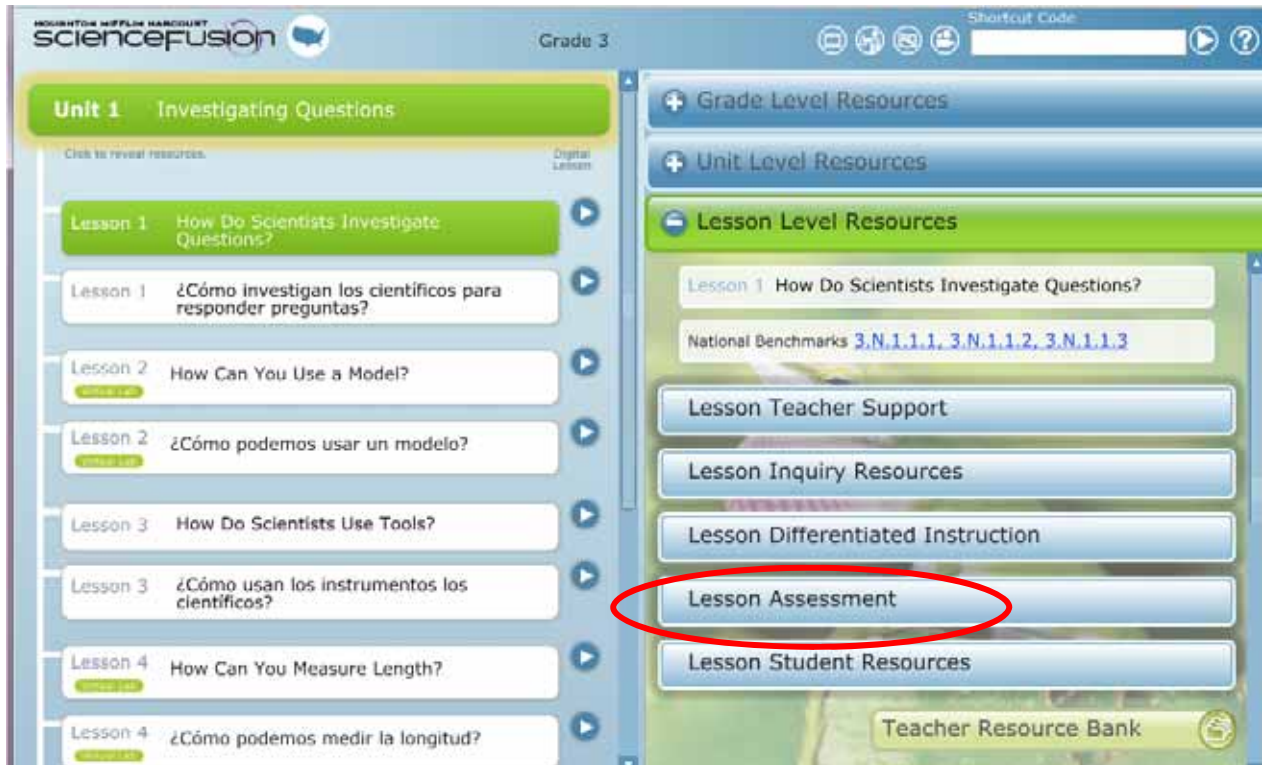


At the next window, click on the **Unit** and **lesson** for which you would like to assign a quiz or test.



Adding Quizzes and Tests, *continued*

This is the next window to appear. At this window, click on **Lesson Assessment**.



Clicking on Lesson Assessment opens a smaller window. At this window, click on **Assign** and the “**A**” button.



Note: *Lesson Quiz Answers* may be viewed by clicking on the blue bar — *Lesson Quiz Answers (Assessment Answer Key)*.

Adding Quizzes and Tests, *continued*

Once the **Assign** box and **“A”** have been selected from the previous window, this window will appear. This is where the parameters of the quiz or test are entered.

- * Name the assessment in a similar format as to what it is named in **Resource**.
- * Select the class to which the assessment applies.
- * Select the student or students that will be taking the assessment and add them to the “Students in Assignment” box.
- * Set the assessment dates. It is often helpful to extend the **Due Date** past the day you would like the student to complete the assessment. In doing so, you will avoid having to edit the test parameters should a due date be missed.
- * It is not necessary to change the **Assessment Settings** at the bottom of the page.
- * Once you have made your selections, click **Save**. A pop-up window will appear. Click **OK** to create the new assignment.

The screenshot shows the 'Add Test' form in the THINK central system. The form is titled 'Add Test' and contains several sections:

- Assignment Name:** Unit 1 Lesson 1 Quiz
- Student Instructions:** Do
- Resource:** Unit 1 Lesson 1 Quiz
- Class:** 3rd Science
- Group:** Select a group
- Available Students:** Smith, Mary
- Students in Assignment:** (Empty)
- Availability:** Any Time
- Due Date:** 11/22/19
- Assessment Settings:**
 - Taking the Assessments:** Password to access the assessment: (Empty)
 - Allow students to pause the assessments:** Yes (selected) / No
 - Allow students to see their answers:** Yes (selected) / No
 - Sections and Questions:** 1 of 1 sections included. Select Questions
 - Viewing Results:** Standard set: Science Fusion National (2012) | Mastery Level: 70%

The 'Save' button is circled in red.

Note: If you **do not** see this page, check the following:

- * Check all tabs/windows on your browser. It may be opening in a new tab/window behind the one currently being viewed.
- * Check pop-up settings. Pop-ups must be allowed for **ScienceFusion** to open all resources.
- * As recommended earlier, use Chrome or Firefox to login to **ScienceFusion**. *Using alternate browsers will prevent the **Adding a Test** window to load.*

Adding Quizzes and Tests, *continued*

The assignment list will appear in the next screen. If you do not see the assignment in the list, in this example, Unit 1 Lesson 1 Quiz, adjust the **Due Date** range to encompass the parameters set when assigning the assessment then click **Find**.

Assignment List

Find assignments

Due Date
From: 10/28/14 To: 11/06/14

Class: All
Subject: All
Student: Entire Class
Program: All

Show only Automated Prescription capable tests Show only tests **Find** **Clear**

Assignments

Subject **Assignment** **Due Date** **Student Count** **Status** **Actions** **Show Answers**

Add Test **Add Assignment**

Once the **Due Date** range has been adjusted, all of the previously created assignments will appear in the **Assignment List**. Edit, Delete, and Copy functions are now available from the populated **Assignment List**.

Important! To add more assessments, **do not click on Add Assignment! Do not close this window.** Navigate back to the tab/window on which your **Teacher Access** is viewable.

Assignment List

Find assignments

Due Date
From: 10/28/14 To: 11/22/14

Class: All
Subject: All
Student: Entire Class
Program: All

Show only Automated Prescription capable tests Show only tests **Find** **Clear**

Assignments

Add Test **Add Assignment**

1 - 1 of 1 Records

Subject	Assignment	Due Date	Student Count	Status	Actions	Show Answers
Science	Unit 1 Lesson 1 Quiz	11/22/14	0/1	Not started	Edit Delete Copy	<input type="button" value="Show"/>

1 - 1 of 1 Records

Add Test **Add Assignment**

Adding Quizzes and Tests, *continued*

The next Lesson Quiz can now be assigned from this window. Click on the **Unit** and **Lesson**, then on **Lesson Assessment**. Check the **Assign** box and click the blue "A." The **Lesson** number bar must be highlighted in green for it to be selected.

To **Assign** the quiz, follow the steps beginning on page 15 of this Guide.

If you wish your quizzes and tests to appear chronologically on your Student's **Things To Do** list, you will need to enter the **Due Date** on the **Add Test** page in succession for each assignment. For example, if the **Due Date** for Unit 1, Lesson 1 Quiz is set for 11/22/14, then the Due Date for Unit 1, Lesson 2 quiz should be 11/23/14 or later.

The screenshot displays the ScienceFusion Grade 3 interface. On the left, a list of lessons is shown under 'Unit 1 Investigating Questions'. The lesson 'How Can You Use a Model?' is highlighted with a green bar and circled in red. On the right, a sidebar contains 'Grade Level Resources', 'Unit Level Resources', and 'Lesson Level Resources'. The 'Lesson Assessment' button is circled in red. A 'Lesson Assessment' dialog box is open, showing three options: 'Lesson Quiz (Online Assessment)', 'Lesson Quiz (Assessment Guide)', and 'Lesson Quiz Answers (Assessment Answer Key)'. The 'Assign' checkbox for the first option is checked and circled in red. A blue 'A' button is also circled in red at the bottom of the dialog box.

Adding Quizzes and Tests, *continued*

Unit Assessments may be assigned by highlighting each unit. An end of year Grade Assessment is also available by highlighting **Grade Level Resources**.

to set the parameters for the tests, follow the steps beginning on page 15 of this Guide.

The screenshot shows the ScienceFusion Grade 3 interface. On the left, a list of units is displayed, with Unit 1, "Investigating Questions", highlighted in green. On the right, a sidebar contains buttons for "Grade Level Resources", "Unit Level Resources", "Unit Teacher Support", "Unit Assessment", and "Unit Student Resources". The "Unit Assessment" button is circled in red. A dialog box titled "Unit Assessment" is open, showing a table of assessment options for Unit 1. The "Unit Test (Online Assessment)" option is selected with a blue checkmark in the "Assign" column, which is also circled in red. Other options include "Unit Test (Assessment Guide)", "Unit Test Answers (Assessment Answer Key)", and their Spanish equivalents. At the bottom of the dialog, there are icons for "Schedule" and "Assign", with the "Assign" icon circled in red.

Assessment Option	Schedule	Assign
Unit Test (Online Assessment)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unit Test (Assessment Guide)	<input type="checkbox"/>	<input type="checkbox"/>
Unit Test Answers (Assessment Answer Key)	<input type="checkbox"/>	<input type="checkbox"/>
Unit Test Answers (Assessment Answer Key) (Spanish)	<input type="checkbox"/>	<input type="checkbox"/>
Unit Test (Online Assessment) (Spanish)	<input type="checkbox"/>	<input type="checkbox"/>
Unit Test (Assessment Guide) (Spanish)	<input type="checkbox"/>	<input type="checkbox"/>

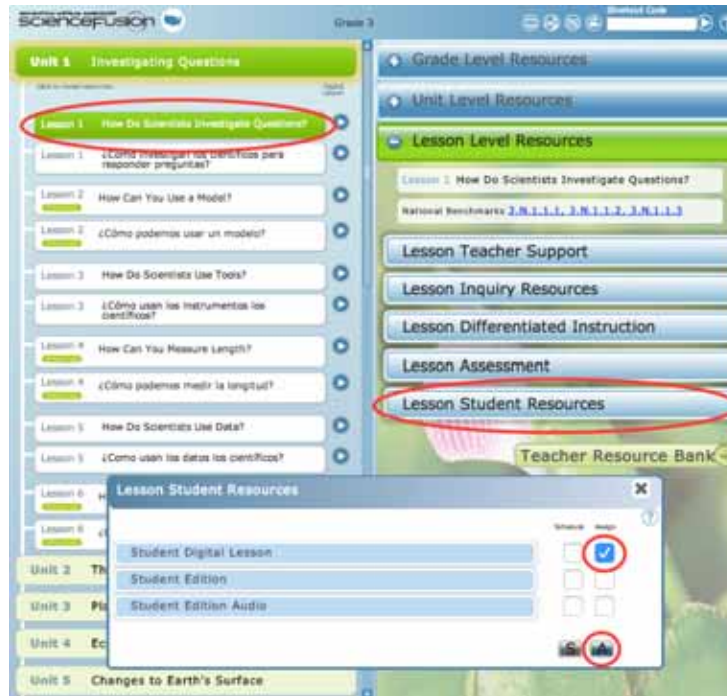
The screenshot shows the ScienceFusion Grade 3 interface. On the left, the same list of units is visible. On the right, the "Grade Level Resources" button is highlighted in green and circled in red. Below it are buttons for "Teacher Edition", "Student Edition", "Grade Assessments", and "ScienceSaurus". The "Grade Assessments" button is circled in red. A dialog box titled "Grade Assessments" is open, showing a table of assessment options for the entire grade. The "Cumulative Test A (Online Assessment)" option is selected with a blue checkmark in the "Assign" column, which is circled in red. Other options include "Cumulative Test B (Online Assessment)", "Cumulative Test C (Online Assessment)", and their respective assessment guides and Spanish versions. At the bottom of the dialog, there are icons for "Schedule" and "Assign", with the "Assign" icon circled in red.

Assessment Option	Schedule	Assign
Cumulative Test A (Online Assessment)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cumulative Test B (Online Assessment)	<input type="checkbox"/>	<input type="checkbox"/>
Cumulative Test C (Online Assessment)	<input type="checkbox"/>	<input type="checkbox"/>
Cumulative Test A (Assessment Guide)	<input type="checkbox"/>	<input type="checkbox"/>
Cumulative Test B (Assessment Guide)	<input type="checkbox"/>	<input type="checkbox"/>
Cumulative Test C (Assessment Guide)	<input type="checkbox"/>	<input type="checkbox"/>
Cumulative Test Answers (Assessment Answer Key)	<input type="checkbox"/>	<input type="checkbox"/>
Cumulative Test A (Online Assessment) (Spanish)	<input type="checkbox"/>	<input type="checkbox"/>
Cumulative Test B (Online Assessment) (Spanish)	<input type="checkbox"/>	<input type="checkbox"/>
Cumulative Test C (Online Assessment) (Spanish)	<input type="checkbox"/>	<input type="checkbox"/>

Assigning Lessons

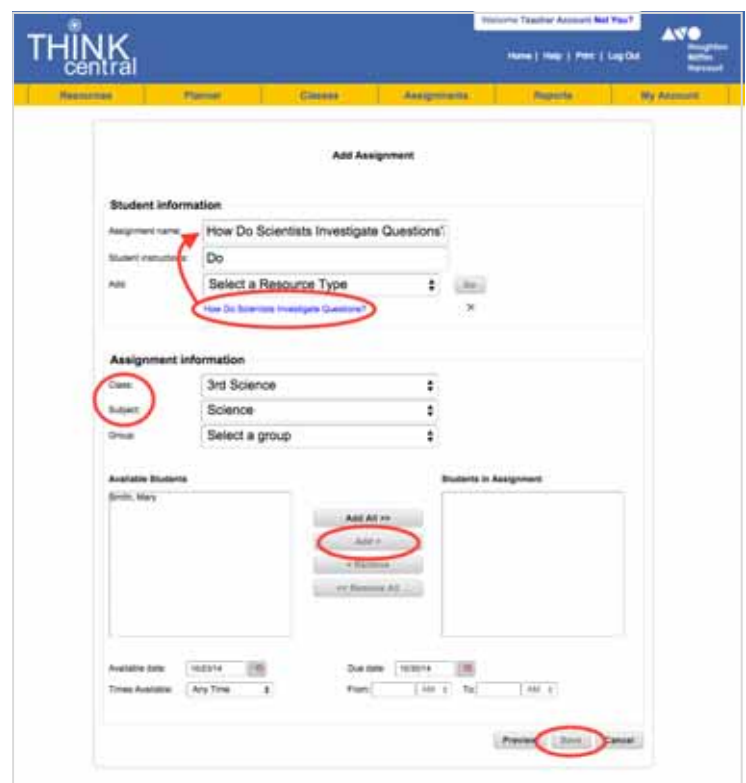
All of the **Digital Lessons** and **Lesson** content, such as **Inquiry Flip Charts** and **Quick Labs**, are pre-loaded in the **ScienceFusion** program and immediately available to the student in the Student Account.

It is not necessary to assign the lessons or any lesson content. Should you wish to assign lessons with **Available** and **Due Dates**, you may do so by selecting a lesson. It will be highlighted in green. Then select **Lesson Student Resources** and **Student Digital Lesson**.



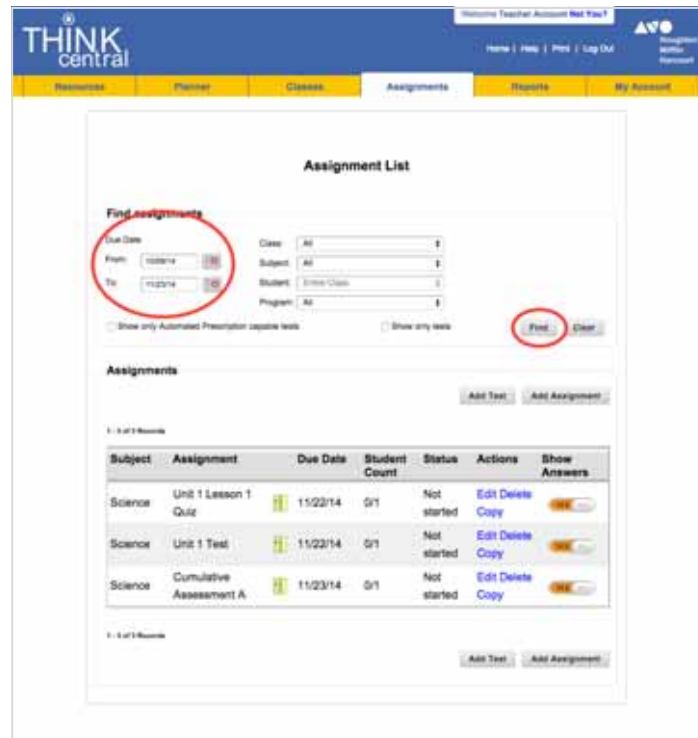
On the Add Assignments page, name the Lesson in a similar format as to the name of the Lesson that appears in blue text, as shown in the example, or name the Assignment by the Unit and Lesson number.

- * Select the **Class** and the **Subject**
- * Select the student or students that will be taking the lesson and add them to the **Students in Assignment** box.
- * Set the date parameters for dates, and click save.
- * Click **yes** on the pop-up that will appear that indicates you are about to create a new assignment.



Lesson, Quizzes, Tests, and Assessments Assigned

Once the Lesson, Quiz, Test, or Assessment is assigned, it will appear in ThinkCentral under the **Assignments** tab in the Teacher Account as well as on the **Teacher Dashboard** as an assignment.



Assignment List

Find assignments

Use Date: Class:

From: Subject:

To: Student:

Program:

Show only Automated Presentation capable tests Show only tests

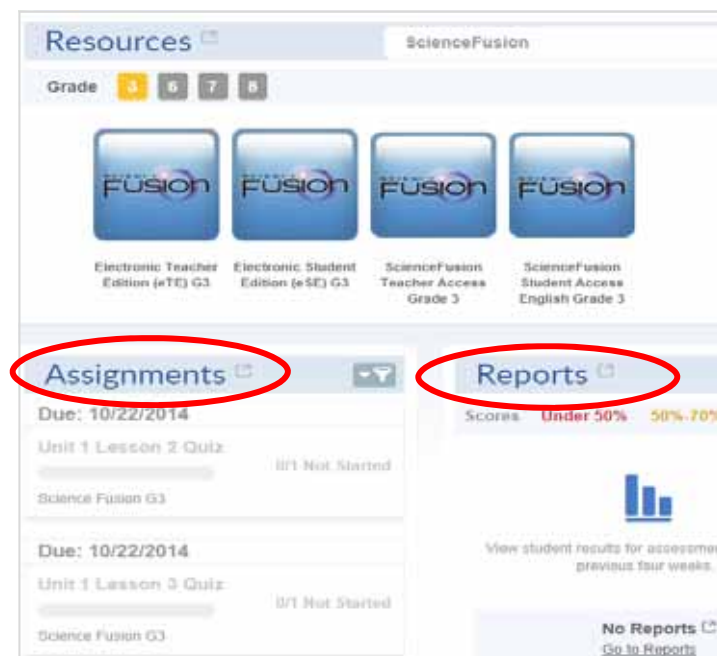
Assignments

1 - 3 of 3 Results

Subject	Assignment	Due Date	Student Count	Status	Actions	Show Answers
Science	Unit 1 Lesson 1 Quiz	11/22/14	0/1	Not started	Edit Delete Copy	<input type="checkbox"/>
Science	Unit 1 Test	11/22/14	0/1	Not started	Edit Delete Copy	<input type="checkbox"/>
Science	Cumulative Assessment A	11/23/14	0/1	Not started	Edit Delete Copy	<input type="checkbox"/>

1 - 3 of 3 Results

As the student is assigned and completes lessons, quizzes, and tests throughout the year, they will appear in the **Assignments** and **Reports** sections of the **Teacher Dashboard**.



Resources ScienceFusion

Grade **3** 6 7 8

FUSION **FUSION** **FUSION** **FUSION**

Electronic Teacher Edition (eTE) G3 Electronic Student Edition (eSE) G3 ScienceFusion Teacher Access Grade 3 ScienceFusion Student Access English Grade 3

Assignments

Due: 10/22/2014

Unit 1 Lesson 2 Quiz 0/1 Not Started

Science Fusion G3

Due: 10/22/2014

Unit 1 Lesson 3 Quiz 0/1 Not Started

Science Fusion G3

Reports

Scores: **Under 50%** - **50%-70%**

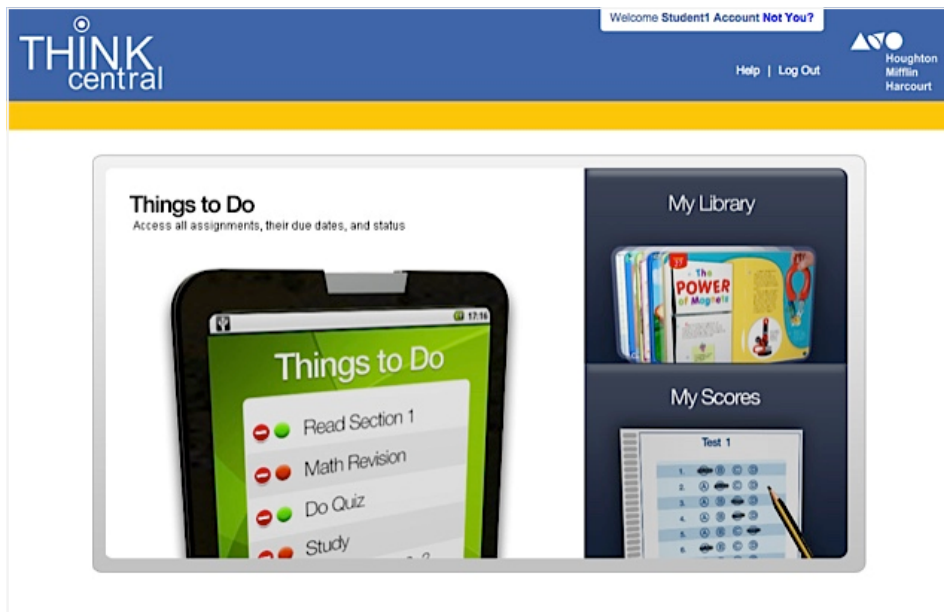
View student results for assessments previous four weeks.

No Reports

[Go to Reports](#)

Student Account

Logging on to the student account will open the Student Dashboard. All pre-loaded content is located in **My Library**. All assignments created by the Teacher will be found in **Things to Do**.



My Library

Not only does **My Library** contain the pre-loaded content, but is also the gateway to finding the student materials referenced in the *ScienceFusion* Pacing Guides and Teacher's Manual. Take time to explore **My Library** to become familiar with the content.

Select **ScienceFusion Student Access** to begin using the pre-loaded **Digital Lessons**.



Student Account, *continued*

Select a **Unit** to view the list of **Lessons** within the **Unit** on the left side of the page and **Resources** for each lesson on the right side of the page. The Digital Lesson is initiated by clicking **Play**.



The screenshot displays the ScienceFusion Student Account interface. On the left, a sidebar lists units: Unit 1 Investigating Questions, Unit 2 The Engineering Process, Unit 3 Plants and Animals, Unit 4 Ecosystems and Interactions, and Unit 5 Changes to Earth's Surface. Under Unit 1, six lessons are listed, each with a 'Play' button. Lesson 1, 'How Do Scientists Investigate Questions?', is highlighted in green, and its 'Play' button is circled in red. On the right, the 'Lesson Level Resources' section for Lesson 1 is visible, showing national benchmarks (3.N.1.1.1, 3.N.1.1.2, 3.N.1.1.3) and four resource buttons: Student Edition (orange), Student Edition Audio (yellow), Inquiry Flip-Chart (blue), and Extra Support for Vocab and Concepts (green). The background features a close-up image of a green plant stem.

Lessons with **Virtual Labs** will be indicated with a small green **Virtual Lab** icon. Click **Play** to open the interactive slides. Students can then perform the Lab procedures for the Lesson.



This screenshot shows the same ScienceFusion Student Account interface. In this view, Lesson 2, 'How Can You Use a Model?', is highlighted in green, and its 'Play' button is circled in red. The 'Lesson Level Resources' section for Lesson 2 is displayed on the right, showing national benchmarks (3.N.1.2.1, 3.N.1.2.2, 3.N.1.2.3) and four resource buttons: Virtual Lab Data Sheet blank (orange), Student Edition (orange), Student Edition Audio (yellow), and Inquiry Flip-Chart (blue). The background image of a green plant stem remains the same.

Student Account, *continued*

Once a **Virtual Lab** has been completed, the Lab report will appear. The Lab Report may be printed or saved as a PDF to be filed with the student records.

Screen	Number of Visits	Time on Screen	Number of Attempts
1. Welcome	1	00:22	NA
2. Get started	1	00:04	NA
3. What to do?	1	00:06	NA
4. What do you think?	1	01:34	NA
5. Make your plan	1	00:01	0
6. Let's do it!	1	00:01	NA
7. Think about it	1	00:03	NA
8. What did you learn?	1	00:03	NA
9. Sum it up	1	01:39	NA

Screen 4 : What do you think?

What do you think?
What do you think will be the best hunting ground?

Go

Screen Notes :

To view all Unit Level Resources, select **Unit Level Resources** on the right side of the page and highlight the **Unit** you would like to work within on the left.

Resources relevant to the **Grade Level** can be found by selecting **Grade Level Resources** on the right side of the page.

Note: *Grade Level Resources will show all resources that apply to the general year of study, not solely the resources for specific lessons or units.*

ScienceFusion

Unit 1 Investigating Questions

Unit 2 The Engineering Process

Unit 3 Plants and Animals

Unit 4 Ecosystems and Interactions

Unit 5 Changes to Earth's Surface

Unit 6 People and Resources

Unit 7 Water and Weather

Unit 8 Earth and Its Moon

Unit 9 Matter

Unit 10 Simple and Compound Machines

Grade Level Resources

Unit Level Resources

Lesson Level Resources

Unit 1 Investigating Questions

Unit 2 The Engineering Process

Unit 3 Plants and Animals

Unit 4 Ecosystems and Interactions

Unit 5 Changes to Earth's Surface

Unit 6 People and Resources

Unit 7 Water and Weather

Unit 8 Earth and Its Moon

Unit 9 Matter

Unit 10 Simple and Compound Machines

Grade Level Resources

Digital Lessons (access in the left column)

Student Edition

ScienceSource

People in Science Gallery

Glossary

Media Gallery

Levelled Readers 1

Levelled Readers 2

Levelled Readers 3

Student Vocabulary Cards

Unit Level Resources

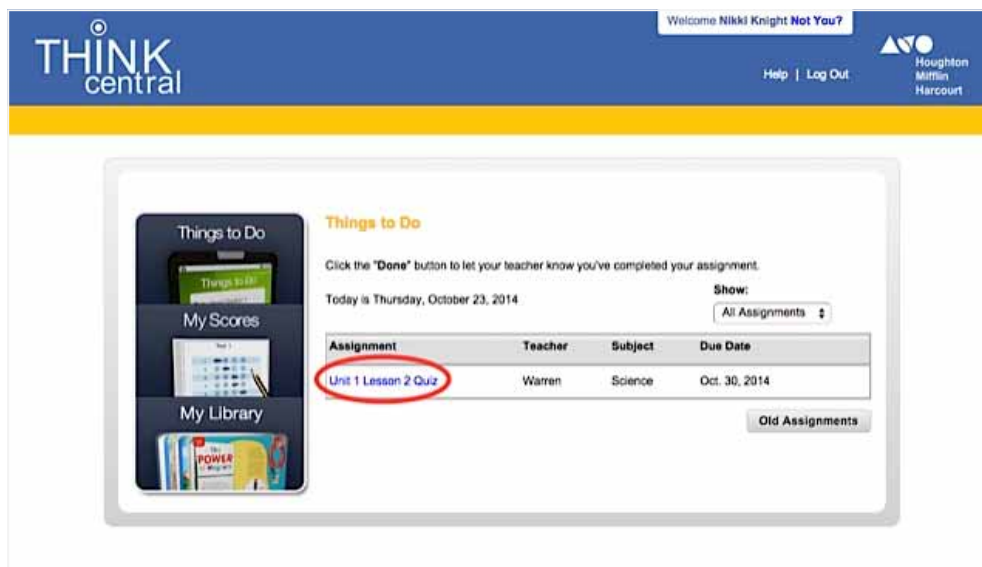
Lesson Level Resources

Student Account, *continued*

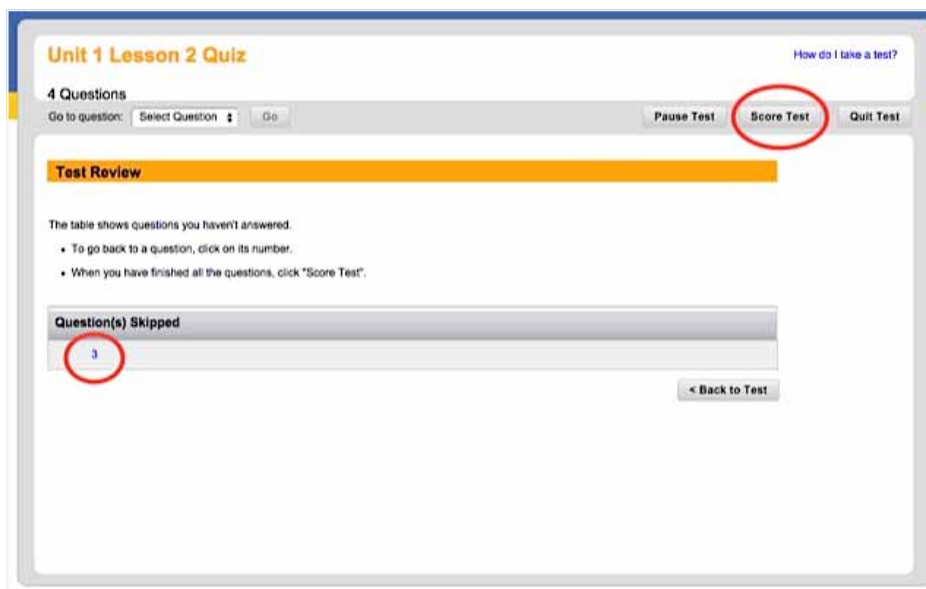
Things to Do

Select **Things to Do** from the **Student Dashboard**. The next page that appears will display a list of **all** assignments—quizzes, tests, and lessons or resources assigned by the teacher.

Click on the **Assignment**. When the Assignment is opened, instructions on how to complete the assignment will be available to the student.



At the end of each type of **Assessment** assigned, the student will have an opportunity to review the assessment. If a student has skipped any questions, the skipped questions will appear here and the student will have the opportunity to go back into the assessment and complete any missed questions. When ready to end the assessment, the student must click **Score Test**.



Student Account, *continued*

Once the test has been completed and **Score Test** is selected, **Test Scores** will appear.

Note: If the teacher elected to have students view their answers when setting the test parameters on the Teacher Account, all question answers may be viewed. Click on **Expand**. Answers include the student's selection as well as the correct answers.

The screenshot shows the 'Unit 1 Lesson 2 Quiz' interface. At the top, it says '4 Questions'. Below that is a 'Test Scores' section with a table:

Question Type	Points
Multiple Choice	24
Total	24

Below the scores is a 'Test Report' section with a table of questions:

Question	Question Type	Points
1	Multiple Choice	1/1
2	Multiple Choice	1/1
3	Multiple Choice	0/1
4	Multiple Choice	0/1

The 'Expand All' button is circled in red. A key indicates that green checkmarks mean 'Correct' and red X marks mean 'Incorrect'.

When **Expand All** is selected, all questions and answers will appear. This includes questions left blank, as well as questions that were marked incorrectly.

The detailed view shows two questions. Question 3 is a Multiple Choice question worth 1 point. The question text is: "You want to study factors that affect the rate of evaporation. To do this, you use an electric fan, a heat lamp, one shallow pan of water, and one deep pan of water. Which object in your model represents the sun?" The options are: A. the deep pan, B. the heat lamp (checked), C. the electric fan, and D. the shallow pan (circled in red). The standards listed are 3.N.1.2.1, 3.N.1.2.2, and 3.N.1.2.3.

Question 4 is also a Multiple Choice question worth 1 point. The question text is: "Alan wants to make a bridge across the creek behind his house. To find out which design holds the most weight, he makes paper models. How can he best test each model?" The options are: A. He can blow on each model until it falls. (circled in red), B. He can place quarters on each model until it falls. (checked), C. He can place science books on each model until it falls, and D. He can push down on the middle of each model until it falls. The standards listed are 3.N.1.2.1, 3.N.1.2.2, and 3.N.1.2.3.

Student Account, *continued*

My Scores

Select **My Scores** from the **Student Dashboard**. A list of all of the Assessments that have been completed by the student will appear. Select the Assessment that you wish to view.

The screenshot shows the THINK central Student Dashboard. The top navigation bar includes the THINK central logo, a welcome message "Welcome Nikki Knight Not You?", and links for "Help" and "Log Out". The Houghton Mifflin Harcourt logo is in the top right. The main content area features a sidebar with "Things to Do", "My Scores", and "My Library". The "My Scores" section is active, displaying a table of assessments. A red circle highlights the "Unit 1 Lesson 1 Quiz" row. A key indicates that a yellow background represents a "teacher Comment".

Title	Finished	Score	%
Unit 1 Lesson 1 Quiz	Oct 23, 2014	5/5	100%


Upon selecting the Assessment, the screen will look very similar to the one that appeared when the Assessment was completed. However, by **Expanding All**, the student will have the option to view any comments made by the teacher. *You may now print the Assessment and/or create a PDF of the Assessment for your files.*

The screenshot shows the "Test Results: Unit 1 Lesson 2 Quiz" page. The title bar includes "Print" and "Help" buttons, which are circled in red. The page displays the test score (50% on 2/4 questions) and a "Test Report" section. In the "Test Report" section, an "Expand All" button is circled in red. A key indicates that a yellow background represents a "teacher Comment", a green checkmark represents "Correct", a red X represents "Incorrect", and a grey X represents "Score Excluded".

Questions	Question Type	Points
1	Multiple Choice	1/1
2	Multiple Choice	1/1
3	Multiple Choice	0/1
4	Multiple Choice	0/1

Student Account, *continued*

When **Print** is selected, a new pop-up window will appear. The Assessment will display the questions in a non-randomized order. Questions may not appear in the same numerical position on this printable page as when the Assessment was taken, however, questions and answers will be the same. Any comments made by the Teacher will be displayed within the **Item Comment** boxes.

Unit 1 Lesson 2 Quiz
Taken on October 23, 2014
Student Name: Knight, Nikki
Teacher Name: Judy Warren
Number of Questions: 4
Score:  50%
Comment:

1. You want to study factors that affect the rate of evaporation. To do this, you use an electric fan, a heat lamp, one shallow pan of water, and one deep pan of water. Which object in your model represents the sun?

A. the deep pan
B. the heat lamp ✓
C. the electric fan
D. the shallow pan

Item Comment:

2. Raj makes paper airplane models. He flies them to help him understand how real airplanes can fly. What can Raj learn about real airplanes from his models?

A. how flying through clouds affects airplanes
B. how flying very high can affect airplanes
C. how well different airplane designs can fly ✓
D. how different types of paper make airplanes fly better

Item Comment:

3. Calid and Justine are playing on the beach. They see a large ship on the ocean. They want to know how a ship that large can float. Why is studying a model of the ship the best way to find out?

A. They can't build and test a full-size ship. ✓
B. The ship is made of metal.
C. The ship is too old to study.

Helpful Links

Many helpful links are available to you at <http://customer care.hmhco.com/>

If you would like information about how to get started using ThinkCentral and about creating teacher and student accounts, we are including links to our Technical Support site where several very helpful Quickstart Guides tutorial videos are posted. You will need to use your existing ThinkCentral Teacher or Administrator account to view the digital content. We encourage every teacher to review these QuickStart Guides to better understand the full potential of ThinkCentral and effectiveness of this resource in your classroom.

Administrator Quickstart Guide: Click [HERE](#)

Teacher Quickstart Guide: Click [HERE](#)

Student Quickstart Guide: Click [HERE](#)

Help for Teachers: Click [HERE](#)

Help for Students: Click [HERE](#)

Tutorial Videos:

[Customer Care: Customer Corner – Tutorial Videos](#)

Pacing Guides for Grades K-5:

<http://www.hmhco.com/shop/education-curriculum/science/homeschool/sciencefusion-homeschool/features/elementary-level>

Pacing Guides for Modules A-K:

<http://www.hmhco.com/shop/education-curriculum/science/homeschool/sciencefusion-homeschool/features/middle-school-level>

For assistance with any problems accessing your account contact or online resources:

HMH_Digital_Access@hmhco.com Or, by calling 800-225-5425, Option 2

ThinkCentral mySmartPlanner Video:

<http://www.brainshark.com/hmhsupp/smartplanner>

Frequently Asked Questions

Why do I have to set up so many accounts and passwords?

ThinkCentral is a roles based system and you technically only have one account within ThinkCentral, unless you have signed up under a different name/account each time. Because it is roles based, each role (admin, teacher, student) needs a separate login and password.

Why is my State the District of Columbia and why is my district ScienceFusion Homeschool Dist., Orlando 32819?

*All individual accounts for ScienceFusion are set up this way in our system. To explain a little more thoroughly, the HMH Digital Access team's systems are set up to accommodate not only orders from individuals, but also orders from school systems and institutions across the country. This is true not only for **ScienceFusion** programs, but for the hundreds of other digital programs offered by HMH. Accounts are set up according to the following criteria: District, State, School.*

*When the ScienceFusion orders are received from individuals, they do not necessarily align with the above parameters, so they are all assigned to one District (**ScienceFusion** Home School District), one state (DC), and one school (your name). Internally, our records list your correct address, email account, phone number, and account number.*

Why do I have to buy a Homeschool bundle for each of my children if they are in the same grade? Why can't I buy a Homeschool bundle and an extra Work-text book?

The Online Digital Curriculum is designed for use by one student only. The Write-in Worktext is also intended and licensed for use by one student only. When you purchase a bundle you are also purchasing the online access. Each bundle pays for online access for one student for 1 year. If you have more than one student in that grade level you still need to pay for the online access for the additional student.

Why do I have both English and Spanish versions of ScienceFusion?

ScienceFusion is comprised of both English and Spanish components. As the Administrator or Teacher, you by select both components or just English or Spanish version when setting up your class. See Page 9 of this Guide.

Should I use the digital lesson first or the work text first when I am teaching my lesson?

It does not matter. There are two paths, digital and worktext. One can choose to do the text or the digital or both, which is the most efficient path and allows for greater reinforcement of concepts. It is the user's choice as to how they want to navigate the content. Both the print and digital are the same content but presented in different scenarios. Both paths teach the same concepts as well as vocabulary and skills using different scenarios.

How much of the material mentioned in the Teacher's Edition and the Homeschool Pacing Guide do I need to do?

*We do not provide an accelerated or abridged pathway for **ScienceFusion** instruction. The program consists of two paths, digital and worktext. A parent is free to choose which options in each lesson they wish to focus on during instruction. The Teacher Edition wrap provides numerous suggestions for instruction.*

The Homeschool Pacing Guide has more than 180 days of school for some of the grades. How am I supposed to get everything done?

Please see above. The program is designed to include more than enough material so as to allow the instructor to make educated decisions on how they split and teach the content. While the pacing guide is a helpful tool to work against, its primary function is that of a guide. Teachers should make informed decisions based on their child's learning abilities and response to the content being taught to determine if additional or remedial focus is needed.

Frequently Asked Questions, *continued*

How many days a week should I use *ScienceFusion*?

It is suggested to teach science every day.

How long should I spend on *ScienceFusion* during a day?

This depends on the ability level of the student. Some students are going to learn faster or slower than others. In a traditional setting, teachers would probably spend 30-45 minutes on science instruction.

Why doesn't the "Auto Schedule" button work on *mySmartPlanner*?

Many HMH programs use ThinkCentral as their content delivery platform. While many programs provide yearly lesson plans that will auto populate in *mySmartPlanner*, the ***ScienceFusion*** program is not designed to use this feature.

Where can I find the answers to the online quizzes and tests?

Please refer to the Student Account (page 21) section of this guide.

Online quizzes and assessments that are assigned via the Dashboard are automatically graded. Thus, there is not an answer key for these items.

If the assessment is taken online via the Online Assessment Guide, the answers can be found in the Teacher Digital Management Center Online Assessment Guide.

How do I know if I should do a Quick Lab? Do I need to do the Quick labs with my children to make sure they are learning the basic Science standards that are required by my state?

Quick Labs function as a visual demonstration of the concept at-hand. They work to reinforce the content being taught. As science is best learned through inquiry, the program provides more than necessary purposely so that the teacher can choose which Quick Labs to perform based on student ability and teaching timeframe. Hands-on inquiry is an integral component of learning science. It is very important to do labs. For this reason, there are more labs than necessary provided so that the parent can choose which to focus on based on student need and time constraint. Some are optional, but some type of activity should be done in each unit.

Why are the Leveled Readers in PDF format if I can see audio icons on the pages? Shouldn't I be able to click on the icon to hear the text read aloud?

This is a browser issue. If the audio is not working properly via the web browser, it is recommended to download the PDF to allow for this functionality to work properly.

If I fill out the NCLB data box, is any of my information shared with anyone?

We respect your privacy. This information is not shared with anyone else.