



**The Concord
Consortium**

STEM Resource Finder

User Guide for Teachers

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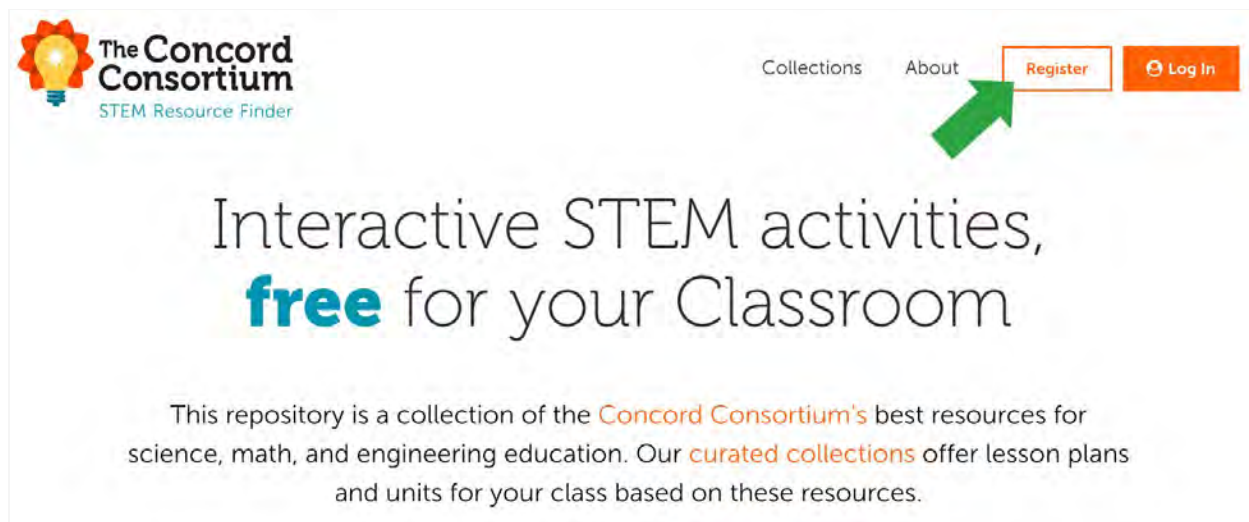
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Account Registration and Set Up

Register for a Teacher Account

To create an account in the STEM Resource Finder:

1. Go to: <https://learn.concord.org>
2. Click **Register** in the upper right-hand corner of the page.



3. Complete the registration form with your first and last name and a password. Click **Register!**
 - If you have a Google or Schoology account, you can click  or  at the top of the form to register with either of those accounts.
4. Select TEACHER and fill out the fields below by creating a unique username, providing an email address that you can access easily, and providing information about your location and school. Click **Register!** to complete your registration.
 - If you don't find your school listed, or you are a homeschool, click "I can't find my school in the list" to enter the name of your school.
5. After registering, you will receive an email from help@concord.org. Click the "Confirm my account" link in the body of the email. This will activate your account and complete the registration process.

Register for the STEM Resource Finder

I am a TEACHER STUDENT

USERNAME

EMAIL

COUNTRY

ZIP CODE

SCHOOL

[I can't find my school in the list.](#)

By clicking Register!, you agree to our [privacy policy](#).

- If you do not receive the activation email in your Inbox, please check your Junk or Spam mailbox, or any quarantine set up by your email provider.
 - If you cannot access the email in your Junk or Spam mailboxes or quarantined email, please contact help@concord.org for assistance.
6. By clicking the link in the activation email, you will be automatically logged in and directed to the STEM Resource Finder homepage. Click the **Home** button in the upper right-hand corner to be directed to your teacher homepage.

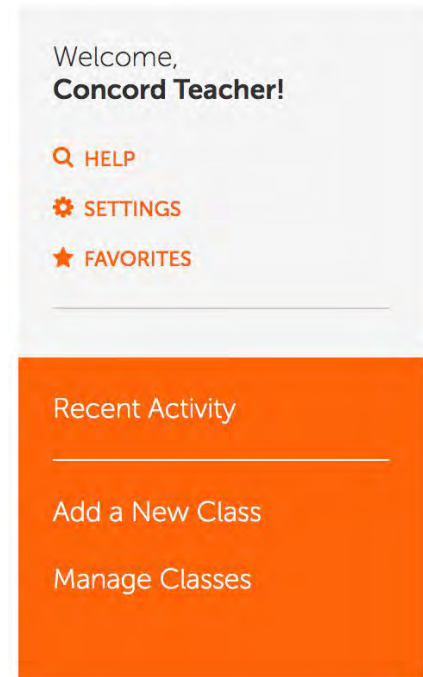


Your Teacher Homepage

Once you complete your registration and click the link in the registration email, you will be directed to the STEM Resource Finder homepage. Click on the **Home** button in the upper right-hand corner to be directed to your teacher homepage.

Your teacher homepage will display any notices from The Concord Consortium regarding the STEM Resource Finder. On the left-side of your homepage, you will see a menu of options.

- **Help** will direct you to our STEM Resource Finder help page.
- **Settings** will display your User Preferences.
- Here you can update your First Name, Last Name, Email, and also change your password.
- **Favorites** will display your favorite resources.
- To add a resource to your Favorites, simply click on the star on the resource card when searching for resources.
- **Recent Activity** will display your students' progress on assigned investigations.
 - Once you have created classes, your classes will be listed below Recent Activity.



Create a Class

To create a new class, click **Add a New Class** at the bottom of the menu.

1. Name your class.
2. Please disregard the **Term** field (as it's currently not working).
3. Optionally, give the class a short **Description**.
4. The **Class Word** is a *unique access code* that you create. It allows students to join the class. To create a unique class word, you can use your name and the class name or any other unique identifier for the class. For example, smithbio1. Do not include any special

characters (e.g., *&@%!) in the class word. Class words can be more than one word. They are not case sensitive.

5. Remember to write down your class word. Your students will use it to register themselves.
6. Select the appropriate **Grade Level(s)** for your class.
7. Click **Save**.

Class Setup Information

CLASS NAME:

TERM:

DESCRIPTION:

CLASS WORD:

SCHOOL:

GRADE LEVELS: 6 7 8 9
 10 11 12

Register and Add Students

Your students can register themselves or you can manually register them. We have found that upper middle and high school students can easily register themselves. If you teach younger students, it may be faster for you to register your students.

Student Self-Registration

1. Students click the **Register** button on the STEM Resource Finder homepage (<https://learn.concord.org>).
2. Students will complete the form and click **Register!**
3. Students will select the field for STUDENT and then enter the unique **Class Word** for your class and click **Sign Up!**
4. The STEM Resource Finder will assign the student a username consisting of their first initial followed by their last name (a number is appended if there is more than one student with the same first initial and last name in the system).

5. **Have your students write down their username and password.** If they forget either their username and/or password, you can use the class roster to see their username and reset their password, if necessary.
6. Students will receive a success message once they have completed all of the required fields. Students can then log in to the STEM Resource Finder by entering their username and password and clicking **Log In!**

Register for the STEM Resource Finder

Success! Your username is:
kstudent

Use your new account to sign in below.

USERNAME

PASSWORD

[Log In!](#)

Teacher Registration of Students

If you prefer to register your students (instead of having them register themselves), you can do this from your teacher account. Select a class (under Recent Activity) in the left menu, then click the **Student Roster** link below it. Click the **Register & Add New Student** link; enter the student name and password for the student. Click **Submit** to save the student to your roster.

As students are registered for your classes, a student roster will appear with their usernames and an option for removing students or changing their passwords.

Student Roster

TEACHER: EVANGELINE TEACHER
 SEMESTER:
 CLASS WORD: THEDOCTOR

Class Name: **Doctor Who** [Print Student Roster](#)
 Student Count: **18**

[Add](#) or [Register & Add New Student](#)

Name	Username	Last login	Assignments started		
Cooper, Gwen	gcooper	5 months ago	11	Remove Student	Change Password
Harkness, Jack	jharkness	9 months ago	7	Remove Student	Change Password
Harper, Owen	oharper	9 months ago	7	Remove Student	Change Password
Jones, Martha	mjones	4 days ago	21	Remove Student	Change Password

**Note: The class word is located at the top of the page underneath teacher name. In this image, THEDOCTOR is the class word for this class.*

IMPORTANT: Students should not create additional accounts in the STEM Resource Finder. If a student forgets his/her username and/or password, use the Student Roster to look up the username and/or change the student's password. Remind your students *not* to create additional accounts.

Due to the STEM Resource Finder's use of secure, encrypted passwords, no one can *retrieve* a password -- neither a teacher, nor an account administrator. However, you may always enter a new password for a student using the change password function in the student roster.

Assign Materials to a Class

After creating a class in the STEM Resource Finder, you can assign learning materials for your students to complete.

From your teacher homepage, there are several ways to assign materials.

1. Use the **Assign Materials** link under a particular class.
2. Browse a collection using the **Collections** menu at the top of your page.
3. Use the STEM Resource Finder homepage to search for, browse, and assign materials.

Assign Materials using the Assign Materials Link

To do this, select a class in the left-hand menu and then click **Assignments**.

The screenshot shows the 'Assignments for Biology 101' page. On the left, a sidebar menu includes 'Welcome, Concord Teacher!', 'HELP', 'SETTINGS', 'FAVORITES', and 'Recent Activity' (Biology 101, Assignments, Student Roster, Class Setup, Links). The main content area displays 'Assignments for Biology 101' with fields for 'TEACHER: CONCORD TEACHER', 'SEMESTER:', and 'CLASS WORD: CONCORD'. Below these fields, it states 'No materials assigned to this class.' and provides two links: 'Manage Materials' and 'Assign Materials'.

Click on the **Assign Materials** link at the right of the page. This will direct you to the STEM Resource Finder homepage.

The screenshot shows the STEM Resource Finder homepage with five numbered callouts: 1. 'PHYSICS & CHEMISTRY' (atom icon), 2. 'Filter by Feature' (checkboxes for SEQUENCE, MODEL, BROWSER-BASED, ACTIVITY), 3. 'Filter by Grade' (checkboxes for ELEMENTARY, MIDDLE SCHOOL, HIGH SCHOOL, HIGHER EDUCATION), 4. 'Search by keyword' (search bar with placeholder 'Type search terms'), and 5. 'Advanced Search' (magnifying glass icon).

To find activities to assign to your class(es), there are several ways to browse our resources.

1. Filter by Subject. You can choose more than one selection at a time.
2. Filter by Feature. You can choose more than one selection at a time.
3. Filter by Grade. You can choose more than one selection at a time.

- Search by keyword (or name of activity).
NOTE: You may filter by using any combination of any of the methods described above.
- Use the Advanced Search (shown below). Type a search term and/or use the available filters to narrow down the list of materials found below in the filter pane.

SEARCH

- Hide Filters

Sort By <input type="radio"/> OLDEST <input checked="" type="radio"/> NEWEST <input type="radio"/> ALPHABETICAL	Subject Areas <input type="checkbox"/> ALGEBRA <input type="checkbox"/> BIOLOGY <input type="checkbox"/> CHEMISTRY <input type="checkbox"/> EARTH AND SPACE SCIENCE <input type="checkbox"/> EARTH SCIENCE <input type="checkbox"/> ENGINEERING <input type="checkbox"/> MATH <input type="checkbox"/> PHYSICS <input type="checkbox"/> TEST Grade Levels <input type="checkbox"/> K-2 <input type="checkbox"/> 3-4 <input type="checkbox"/> 5-6 <input type="checkbox"/> 7-8 <input type="checkbox"/> 9-12 <input type="checkbox"/> HIGHER ED	Collections <input type="checkbox"/> GENIVERSE ↗ <input type="checkbox"/> GRAPH LITERACY ↗ <input type="checkbox"/> HIGH-ADVENTURE SCIENCE ↗ <input type="checkbox"/> INQUIRYSpace ↗ <input type="checkbox"/> ITSI ↗ <input type="checkbox"/> SMARTGRAPHS ↗ Authorship <input checked="" type="checkbox"/> Official <input type="checkbox"/> Authored by Community	Material Type <input type="checkbox"/> SEQUENCE <input type="checkbox"/> ACTIVITY <input type="checkbox"/> INTERACTIVE Material Properties <input type="checkbox"/> Runs In Browser <input type="checkbox"/> Requires Download Interactive Types <input type="text" value="All"/> ↕ <input type="checkbox"/> Show only materials authored by me <input type="checkbox"/> Show only archived materials	Sensor Use check all clear <input type="checkbox"/> Sensors Not Necessary
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Once you have found the appropriate materials to assign to your class, click on the activity, sequence, or model.

- If you would like to preview or demo the activity, click **Preview**. A new browser tab will open with the activity and allow you to demo the activity before assigning it to your class.
- If you are already familiar with the activity and/or have already previewed it, click the **Assign to a Class** button.
- Select which class(es) you would like to assign the materials to and click **Save**.



Will there be enough fresh water?

As the human population has grown, water use has increased. Explore water movement and predict water availability.

Assign Materials through the Collections Menu



1. Click **Collections** in the menu at the top of the page.
2. Select a collection from the list. Each collection page will display the activities and materials associated with that collection.
3. Browse the collection's activities, click on activity to learn more, and then click **Assign to a Class** to assign the activity.

Manage Class Materials

To see the assigned materials and track student progress in a particular class, click the class name in the left-hand menu of the page. This opens a class-specific menu, as shown below.

Click on **Assignments** underneath the class name in the menu. Each assigned activity appears in the drop-down menu (see below). Each drop-down menu item contains a list of students and shows their progress through the material. Select the different activities to review each student's progress in each assigned activity. Student progress is displayed by orange progress bars for each student and activity.

Assignments for Doctor Who

TEACHER: EVANGELINE TEACHER
SEMESTER:
CLASS WORD: THEDOCTOR

[Manage Materials](#) [Assign Materials](#)

v1 (2013-2014) Will the air be clean enough to breathe?

[Click here to view other assigned materials](#)

Activity: **v1 (2013-2014) Will the air be clean enough to breathe?** (assigned on 12 January 2015) [Preview](#)

Student Submissions [Report](#)

Completed In Progress Not Yet Started

ACTIVITY	Measuring air quality	Movement of pollutants	Visible and invisible pollutants	Pollutants making m
Cooper, G...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Harkness, ...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Harper, O...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Jones, Ma...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

To control the appearance and/or sequence of the instructional materials for your students, click the **Manage Materials** link at the top of the Assignments page or click the **Class Setup** link in the left-hand menu. Scroll to the lower half of the page to where it says “Manage Instructional Materials.”

- In the list of materials there, **uncheck** the “Active” box for any assignment that you do not want your students to see. This allows you to hide any materials until a class is ready for them, or to remove them from view after students have finished.

- To reorder the materials, hover over the assignment name and **drag and drop** to reposition it within the list. This will be the order in which the assignments appear in your students' view of the class.
- To lock any assignments so that students are unable to change their answers, click the box under **Locked** on the particular assignment(s) that you wish to lock.
- Click **Save**.

Manage Instructional Materials

Uncheck the material that you do not want to appear on the list of assigned materials that students see for this class. Drag and drop the material names below to reorder them for students. The new order will also be reflected in the menu on your Instructional Materials page.

NAME	Active	Locked
v1 (2013-2014) Will the air be clean enough to breathe? This assignment is visible to students, but no longer accessible to them.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Jen Test Java Sequence This assignment is visible to students and accessible.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Will there be enough fresh water? 🗨 This assignment is not visible to students and not accessible.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Add Links to a Class

Each class has a **Links** section, which allows you to add any custom URL that you want students to see in their list of class links. To manage the links open a class and click the **Links** option.

Click the **Create Bookmark** button. Enter the name to be displayed and the URL where the link will direct students. Once several links are added you can manage their visibility, order them, delete them, or edit them.

The screenshot shows a teacher's dashboard. On the left, there is a sidebar with 'Welcome, Concord Teacher!' and navigation options: HELP, SETTINGS, and FAVORITES. Below this is a 'Recent Activity' section for 'Biology 101' with links to Assignments, Student Roster, Class Setup, and Links. The main area shows 'TEACHER: CONCORD TEACHER', 'SEMESTER:', and 'CLASS WORD: CONCORD'. A 'Links' section is highlighted, featuring a 'Create Bookmark' button and a list of three links: 'Protein Folding Model', 'Science Fair Resources', and 'Homework 1 - Reading'. Each link has a checkbox, a menu icon, and a trash icon. Green arrows point to these icons with labels: 'Edit link', 'Delete link', 'Reorder links', and 'Make link visible/invisible'.

When a student logs in they will see a list of links above the assigned materials like this:

Classes and Offerings:

The screenshot shows a student's view of a class page. At the top, it says 'Biology 101' on the left and 'Concord Teacher' on the right. Below this is a 'Class Links' section with a list of three links: 'Protein Folding Model', 'Science Fair Resources', and 'Homework 1 - Reading'.

Manage Classes

To make a class no longer show up in your list of classes, click the **Manage Classes** button in the left menu. On the “Manage Class List” page, you can uncheck classes on your list to make them inactive. All data from the inactive class will be preserved. You can drag and drop the classes by hovering over the class name to reorder them. This will be the order in which the classes appear in your view of the STEM Resource Finder.

Manage Class List

Checked classes appear on the class list. To make a class inactive, uncheck its box. All data for inactive classes is preserved. Drag and drop class to reorder it in the list.

My Classes (2 Total, 1 Active)

Active Classes

<input checked="" type="checkbox"/>	Biology 101	Copy Class
<input type="checkbox"/>	Chemistry II	Copy Class

To make a copy of an existing class, click **Copy Class** to the right of the class name. Enter a new name for the class and a new class word. This will copy over all assigned materials, but will not transfer links or students between classes.

Copy Class

CLASS NAME:

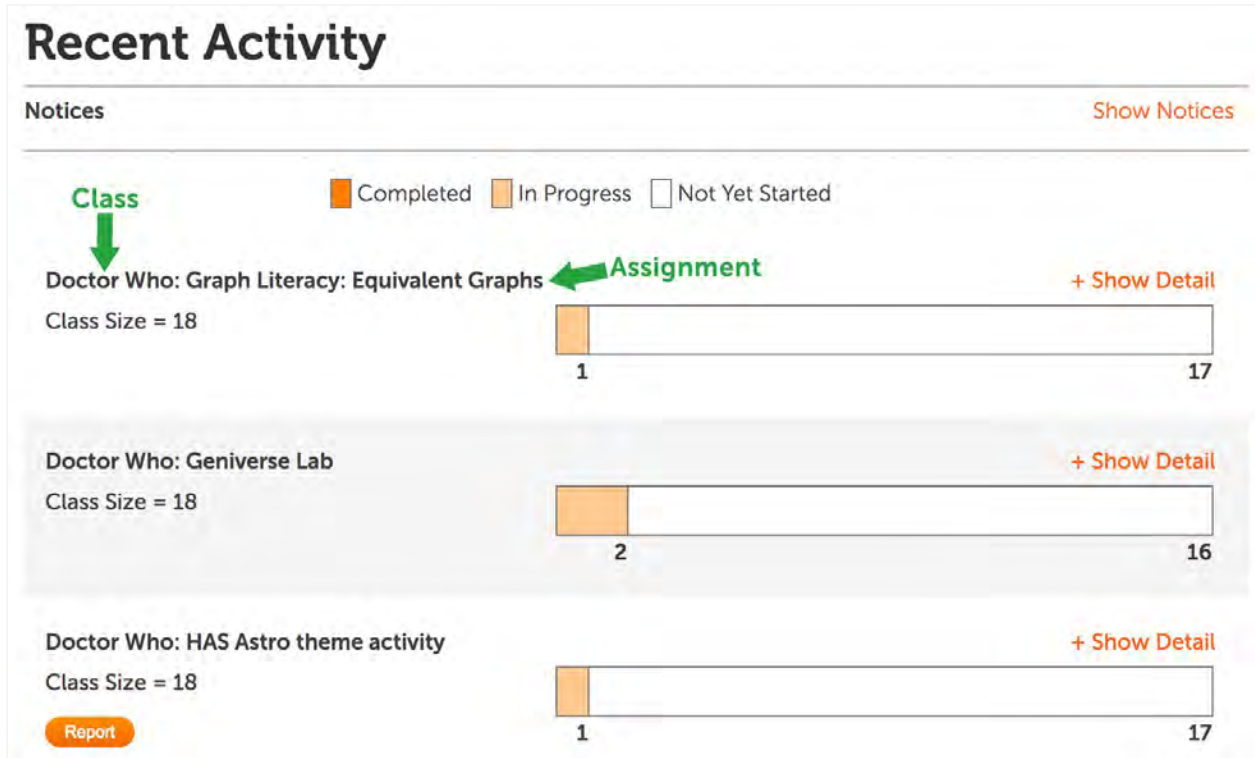
CLASS WORD:

CLASS DESCRIPTION:

Tracking Student Progress

Recent Activity

On the STEM Resource Finder homepage, click **Home** at the top of the page. You will be directed to your teacher homepage where you will see graphs of your students' **Recent Activity**. This provides you with a quick snapshot of the progress made on your assigned materials from all of your classes.



Click on the **Show Detail** link above each bar to expand to a view of the progress of individual students in a class for that particular assignment. Click the **Report** button for a detailed summary of student work.

Doctor Who: CODAP CFM test

[- Hide Detail](#)

Class Size = 18

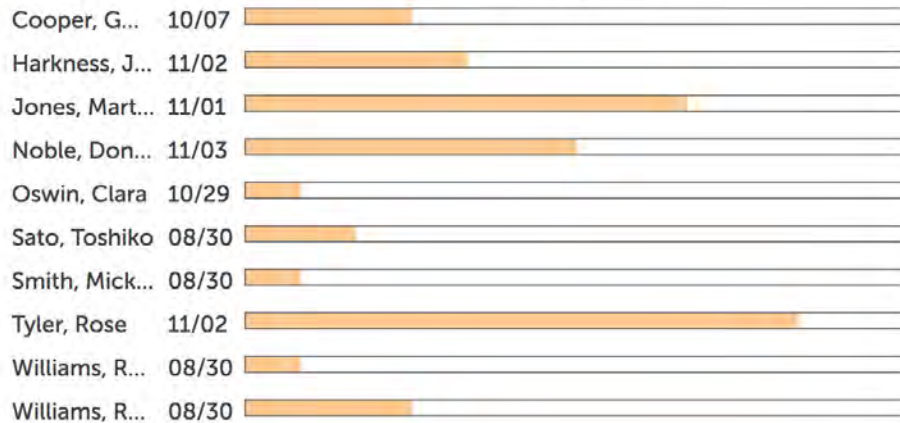
[Report](#)

10

8

In Progress

CODAP CFM test



Not Yet Started

Harper, Owen
Jones, Toshiko
Pink, Danny
Pond, Amy
Pond, Rory
Potts, Bill
Song, River
Student, EG

Completed

No student has completed this sequence yet.

Student Progress and Reporting

As described in a previous section, individual student progress in each activity or assignment can also be tracked on the Assignments page.

1. In the left-hand menu, click **Assignments** under the class name.
2. Click the drop-down menu to access the activity you are interested in.
3. Each student's progress is displayed via the orange progress bars.
4. A detailed summary report is available via the **Report** button.
5. You can also get more targeted reports by:
 - a. Clicking on the column header for a multi-activity investigation/sequence to generate a report of that activity.
 - b. Clicking on a student name to get an individual report for that student.

- c. Clicking on the progress bar to get a report for that student for that specific activity.

v1 (2013-2014) Will the air be clean enough to breathe?

Activity: **v1 (2013-2014) Will the air be clean enough to breathe?** (assigned on 12 January 2015) Preview

Student Submissions Report ← Class Report

Completed In Progress Not Yet Started

Student Report →

ACTIVITY	Measuring air quality	Movement of pollutants	Visible and invisible pollutants	Pollutants making m
Cooper, G...	<div style="width: 0%; height: 10px; background-color: #f08080;"></div>	<div style="width: 0%; height: 10px; background-color: #f08080;"></div>	<div style="width: 0%; height: 10px; background-color: #f08080;"></div>	<div style="width: 0%; height: 10px; background-color: #f08080;"></div>
Harkness, ...	<div style="width: 25%; height: 10px; background-color: #f08080;"></div>	<div style="width: 100%; height: 10px; background-color: #f08080;"></div>	<div style="width: 0%; height: 10px; background-color: #f08080;"></div>	<div style="width: 100%; height: 10px; background-color: #f08080;"></div>
Harper, O...	<div style="width: 0%; height: 10px; background-color: #f08080;"></div>	<div style="width: 0%; height: 10px; background-color: #f08080;"></div>	<div style="width: 0%; height: 10px; background-color: #f08080;"></div>	<div style="width: 0%; height: 10px; background-color: #f08080;"></div>
Jones, Ma...	<div style="width: 100%; height: 10px; background-color: #f08080;"></div>	<div style="width: 100%; height: 10px; background-color: #f08080;"></div>	<div style="width: 75%; height: 10px; background-color: #f08080;"></div>	<div style="width: 100%; height: 10px; background-color: #f08080;"></div>

Viewing Reports

Reports of student work can be accessed right from the **Recent Activity** or **Assignments** pages, using the **Report** button.

Click the **Report** button for the assignment for which you are interested in viewing student responses. A new window will open with the student report for the assignment.

The Concord Consortium

REPORT FOR: PHYSICS 101

How Do Cells Make Proteins?

Page: Transcription

Question #1

Which RNA nucleotide binds with adenine (A) on the DNA?

0. thymine (T)	0.0%	0
1. uracil (U)	60.0%	3
2. cytosine (C)	0.0%	0
3. guanine (G)	0.0%	0
4. No response	40.0%	2

A report will be displayed showing the questions and answers in the assignment. There are several functions on the Report page in order for you to navigate your report.

1. When the box next to the question name is selected, you can use the **Show selected** button at the top of the page to show only questions that are selected.
2. Click on the **Show all** button to show all questions in the assessment, regardless of which questions are selected.
3. Click on the **Show responses** link to the right of the question name to display individual student answers.
 - a. Use the **Hide names** button at the top of the page to hide student names. This can be useful when showing examples of student work to the class or other situations where it is appropriate to anonymize student names.
4. Click on the **Provide Feedback** button to provide written text feedback on student work and/or a numerical score for their response.

Providing Feedback

FEEDBACK: QUESTION 2
What can you say about their offspring?

Students awaiting feedback 2
Students scored/provided feedback 1
Students with no answer 3

Feedback Type
1 Give Written Feedback
 Give Score
Max. Score: 10

Show: Students that need review All students

Jump to: Leonard Hoffstader

Leonard Hoffstader's Answer
Half of the offspring will have straight wings and half will have curly wings.

Your Feedback
Great job, Leonard!

2

Score 10 Feedback Complete

Rajesh Kuthrapali's Answer
All offspring will have straight wings.

Your Feedback

Score 0 Feedback Complete

Done

When you choose to provide feedback to your students, the first thing to do is select which type(s) of feedback you would like to include in the student report.

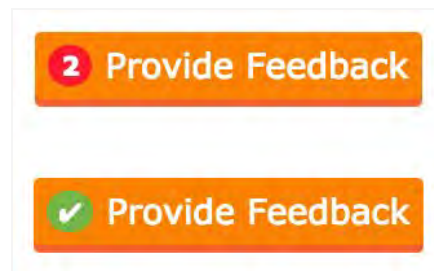
1. Select the **Feedback Type** you would like to include. If you would like to provide students with a numerical score for their response, please provide the maximum score.
2. Provide your feedback. When your feedback is complete, select “Feedback Complete.”

At any time, you may jump to view a particular student’s response by selecting the student’s name from the “Jump to” dropdown menu in the upper right corner of the Feedback window.

The default view of the Feedback screen is to show only students that need review. You may change this view by selecting “All students” in the “Show” menu in the upper-left corner of the Feedback window.

When you are finished providing feedback to your students, click **Done** in the lower right corner of the Feedback window.

When you return to the main page of your report, the total number of student responses awaiting feedback will be shown within the **Provide Feedback** button.



If all student responses have been given feedback, a green check mark will be displayed within the **Provide Feedback** button.

Comparing Student Responses

The screenshot shows a question titled "Question #3" with the text: "How does the tRNA-mRNA interaction ensure that the amino acids are added in the correct order?". There are 3 "Not answered" responses. A "Provide Feedback" button is visible. Below the question is a table of student responses:

Student	Response	Select
Amy Farrah Fowler	No response	
Leonard Hoffstader	The tRNA binds to complementary nucleotides in the mRNA.	<input checked="" type="checkbox"/> Compare/project
Rajesh Kuthrapali	No response	
Penny Lane	The tRNA will bind to complementary bases on the mRNA	<input checked="" type="checkbox"/> Compare/project
Howard Wolowitz	No response	

The report allows you to compare and project student responses. After clicking **Show responses**, student responses to the selected question will be displayed. Select the answers that you would like to compare and/or project. Click the **Compare/project** button.

The selected students' answers will magnify in the window. You may highlight a student's answer by clicking on **Highlight** in the upper right corner of the answer of interest. Click **Remove** to remove any student answers that you do not wish to view.

The screenshot shows a magnified view of two student responses. The first response is from Leonard Hoffstader: "The tRNA binds to complementary nucleotides in the mRNA." The second response is from Penny Lane: "The tRNA will bind to complementary bases on the mRNA". Both responses have "Remove" and "Highlight" buttons in the upper right corner.

Customized Reports

From the summary page you can create a customized report. Select the questions for which you want a report by selecting the checkboxes next to each item, then click the **Show selected** button. You can print the report using the **Print student reports** button in the upper right corner of the report.



Question #1

[Show responses](#)

Which RNA nucleotide binds with adenine (A) on the DNA?

Not answered: 2

[Provide Feedback](#)

Reports for Image/Drawing Questions

Students may submit snapshots of their work or create drawings as answers to image questions. You can browse the images by clicking on the thumbnails or use the controls on the left and right side to go to the next or previous image. Click on an image to enlarge it for closer viewing.

Question #1

[Show responses](#)

Explain your ideas in words.

Answered: 23
Not answered: 5
Total: 28

The diagram illustrates a cycle of energy and matter. At the top left, a cluster of green trees is labeled. Below them, text reads "The soil provides worms and insects". A line points from this text to a drawing of "insects and worms". From the insects, a line points to a fisherman holding a "fishing pole with a worm (bait)". A line from the fisherman points to a boat on the water, labeled "Fish". From the boat, a line points back to the trees, labeled "carbon dioxide goes to the trees". Another line from the fisherman points to the trees, labeled "oxygen goes to the fisherman". The diagram is presented as a student submission for "Student 19".



Student Access to Reports


Students can track their own progress and access reports of their own work, as shown below. Overall progress through an assignment is shown in the topmost progress bar labeled “completion.” Students can access a detailed report of their work via the **Generate a report of your work.** link beneath the bar.

Classes and Offerings:

Biology 101 Concord Teacher

Class Links


- [Protein Folding Model](#)
- [Science Fair Resources](#)
- [Homework 1 - Reading](#)

 **Sequence: HASBOT WILL THERE BE ENOUGH FRESH WATER?**

The High-Adventure Science Water module has five activities. In this module you will consider the question: will there be enough fresh water? In this guided activity, you will explore the distribution and uses of fresh water on Earth. Explore models of porosity and permeability, run experiments with computational models, and hear from a hydrologist working on the same question. You will not be able to answer the module's framing question at the end of the module, but you will be able to explain how humans can preserve supplies of fresh water for the future.

This sequence of the High-Adventure Science water module was last changed on August 12, 2015.

[Run by Myself](#) [Run with Other Students](#) Last run Aug 28, 2017

 completion

[Generate a report of your work.](#) 