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## Teacher Dashboard

## Student Dashboard

**STEM Sims**
**Student Tracking Instructions**

Welcome to STEM Sims! The following directions are for using the Student Tracking feature of STEM Sims.

## A. General Teacher Account Information

Please note: STEM Sims with Student Tracking consists of multiple accounts: 1) Your teacher account, 2) a generic student login account that *all* students use to sign into STEM Sims, and 3) personal individual student accounts that provides access for each student to enter and submit work.

### 1) Teacher Account Access

We provided you with a Teacher Account username and password. Please change this password immediately and keep this password and username secure from others.



### 2) Generic Student Account Access

We provided you with a Generic Student Account username and password. This generic login is used by all students. The password does *not* need to be changed; however, you can change the password if you desire.



### 3) Individual Student Account Access

The Individual Student Accounts are created when you first create a Class name (Section B) and then add Students to a given class list (Section C). The students will select their name from a class list and when they first sign in to STEM Sims, each student will be asked to create a private password. If your students forget their password, you can allow them to reset their password from the Teacher Account dashboard.

## B. Creating a New Class

1) To create a New Class, select the Classes tab on the STEM Sims homepage.

2) Select the "Create Class" button

3) Enter the name of your Class, select the Year and Academic semester. Then click the "Create" button.

4) The Class Name can be changed at any time using the Edit button on the Active Student Classes page.

## C. Entering Student Names into a Class
1) First open a Class from the Active Student Classes page by selecting the View tab.

### Active Student Classes

| | | | | |
|---|---|---|---|---|
| Period 1 Spring 2021 | View | lit | Archive | Remove |
| Period 2 2021 | View | Edit | Archive | Remove |
| Period 3 2021-2022 | View | Edit | Archive | Remove |

2) Enter the Student Name and then select the Add Student button to continue.

### Period 1 Spring Class

| | | | | | |
|---|---|---|---|---|---|
| Bob B | Reset Password | Records | Edit | Move | Remove |
| Patti L | Reset Password | Records | Edit | Move | Remove |
| Ric L | Reset Password | Records | Edit | Move | Remove |
| | Reset Password | Records | Edit | Move | Remove |
| Raymond B | | | Add Student ➕ | | |

3) Continue adding all students in a given Class.

4) When done, select the Return to Class button.

## D. Viewing Student Records
You can view the following in the Student Records section: A Student's Assessment Results, Lesson Question Answers, and/or the Entire Laboratory Report with Lesson Questions.

1) To view a given Student's Records, first choose the Student's Class by selecting the View tab on the Active Student Classes page.

### Active Student Classes

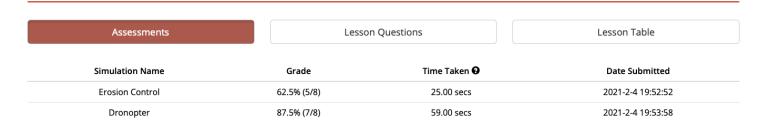| | | | | |
|---|---|---|---|---|
| Period 1 Spring 2021 | View | lit | Archive | Remove |
| Period 2 2021 | View | Edit | Archive | Remove |
| Period 3 2021-2022 | View | Edit | Archive | Remove |

2) Next, select the Records tab for the student work you would like to review.

## Period 1 Spring Class

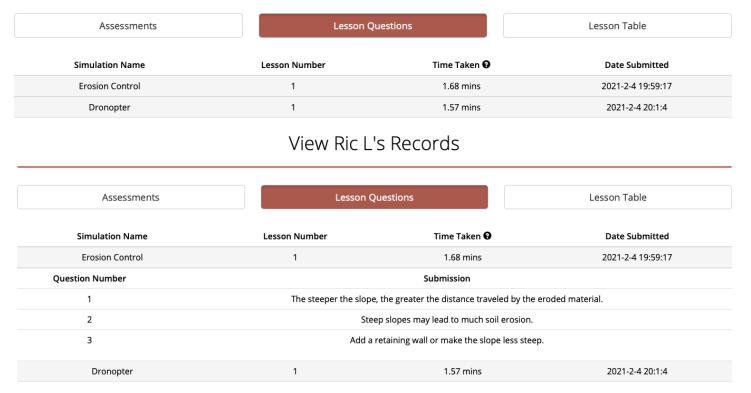| | | | | | |
|---|---|---|---|---|---|
| Bob B | Reset Password | Records | Edit | Move | Remove |
| Patti L | Reset Password | Records | Edit | Move | Remove |
| Ric L | Reset Password | Records | Edit | Move | Remove |
| Sterling P | Reset Password | Records | Edit | Move | Remove |

3) Ric L.'s Records opens to his Assessment Results. In this case, he has completed two Assessments, one on Erosion Control, and another one on Dronopter.

## View Ric L's Records

| Assessments | Lesson Questions | Lesson Table |
|---|---|---|

| Simulation Name | Grade | Time Taken ❔ | Date Submitted |
|---|---|---|---|
| Erosion Control | 62.5% (5/8) | 25.00 secs | 2021-2-4 19:52:52 |
| Dronopter | 87.5% (7/8) | 59.00 secs | 2021-2-4 19:53:58 |

4) Selecting the Lesson Questions button at the top of the page moves you to his responses to the Lesson Questions. By selecting the Lesson Name, his responses to the Lesson Questions may be viewed.

## View Ric L's Records

| Assessments | Lesson Questions | Lesson Table |
|---|---|---|

| Simulation Name | Lesson Number | Time Taken ❔ | Date Submitted |
|---|---|---|---|
| Erosion Control | 1 | 1.68 mins | 2021-2-4 19:59:17 |
| Dronopter | 1 | 1.57 mins | 2021-2-4 20:1:4 |

## View Ric L's Records

| Assessments | Lesson Questions | Lesson Table |
|---|---|---|

| Simulation Name | Lesson Number | Time Taken ❔ | Date Submitted |
|---|---|---|---|
| Erosion Control | 1 | 1.68 mins | 2021-2-4 19:59:17 |

| Question Number | Submission |
|---|---|
| 1 | The steeper the slope, the greater the distance traveled by the eroded material. |
| 2 | Steep slopes may lead to much soil erosion. |
| 3 | Add a retaining wall or make the slope less steep. |

| | | | |
|---|---|---|---|
| Dronopter | 1 | 1.57 mins | 2021-2-4 20:1:4 |

5) Selecting the Lesson Table button at the top of the page moves to his responses to the full laboratory, including his data and calculations. His entire laboratory work can be viewed by selecting the View Submission tab for a given lesson.

## View Ric L's Records

| Assessments | Lesson Questions | Lesson Table |
|---|---|---|

| Simulation Name | Lesson Number | Time Taken ❔ | Date Submitted | |
|---|---|---|---|---|
| Erosion Control | 1 | 1.68 mins | 2021-2-4 19:59:17 | View Submission |
| Dronopter | 1 | 1.57 mins | 2021-2-4 20:1:4 | View Submission |

### E. Editing, Moving, or Permanently Removing a Student from a Class
**i) Editing a Student Name**
You can change the name of a student at any time by completing the following steps.

1) Select the student's class from the Active Student Classes Page.

2) For the given student, select the Edit tab at the right side of the page.

3) Enter the correction/modification to the student's name and then select the Edit button.

## Period 1 Spring Class

| Bob B | | Reset Password | Records | Edit | Move | Remove |
|---|---|---|---|---|---|---|
| Patti L | | Reset Password | Records | Edit | Move | Remove |
| Ric L | | Reset Password | Records | Edit | Move | Remove |
| Sterling P | | Reset Password | Records | Edit | Move | Remove |
| Student Name | | | | Add Student ✚ | | |

## ii) Moving a Student to a Different Class
You can move a student from one class to another or move the student to an Inactive Students class.

1) Select the student's class from the Active Student Classes Page.

2) For the given student, select the Move tab from the right side of the screen.

3) Select the Destination menu and choose the class you want to move the student.



## iii) Permanently Removing a Student from the Class
Important note: This action will *permanently delete* this student and *all records* from the class. *This action cannot be undone!* If you want to save this student's information in case the student returns at a later date, create a new class (called Inactive) and move the student to this class. Complete the following steps to *permanently* remove a Student from a Class.

1) Select the student's class from the Student Classes Page.

2) For the given student, select the Remove tab at the right side of the page.

3) Check that the proper student's name is listed and then select the Remove button.
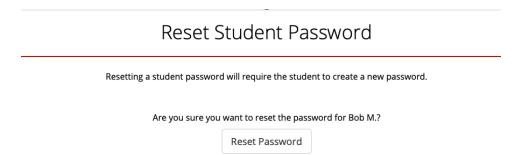
**F. Resetting an Individual Student's Account Password**
To allow a student who forgot her/his password to reset the password, complete the following steps.

1) Select the student's class from the Active Student Classes Page.

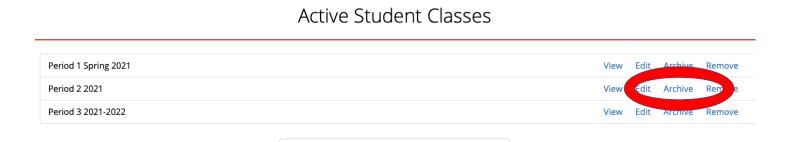2) For the given student, select the Reset Password tab at the right side of the page.



3) Check that the proper student's name is listed and then select the Reset Password button. The next time the student tries to login to STEM Sims, the student will be prompted to create a new password.



**G) Archiving a Class**
You can archive a Class and all student records for a given Class. This action should only be done at the conclusion of an academic class. An archived class's students *cannot* complete and/or submit any work, but their data and records will be saved for later viewing. *NOTE: This action cannot be undone.*

1) To Archive a class, select the Archive tab from the Active Student Classes page.



2) Make sure to carefully read the warning and select the Archive button *only at the conclusion* of an academic class.
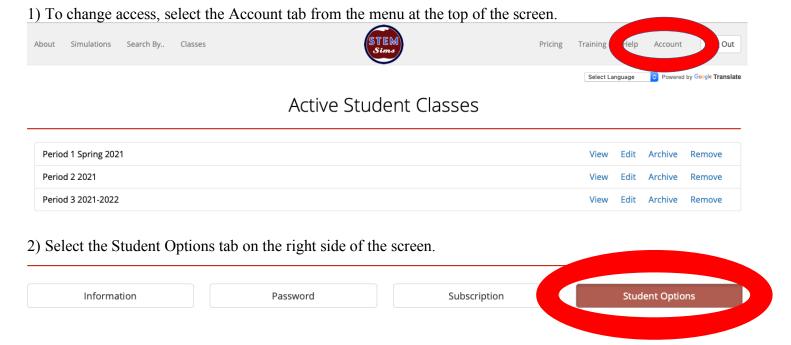
# Archive Class Period 2

Class Name    Period 2

This action should only be done at the conclusion of the class. Once archived, no additional student work can be completed in this class. You will only be able to retrieve and view any student record once the class is archived. Do you want to Archive this class?

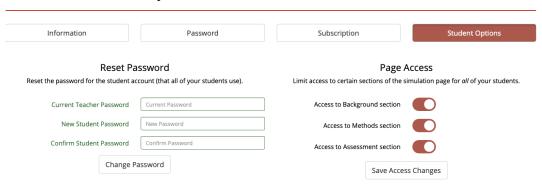| Archive | Cancel |
| --- | --- |

## H) Modifying Background, Methods, or Assessment Access

You can change the access to various parts of STEM Sims for all of your classes. Since some teachers want to use STEM Sims as a pure inquiry experience, the Methods tab that provides directions for conducting the simulation may be disabled. The Background and Assessment tabs may also be disabled either individually or collectively.

1) To change access, select the Account tab from the menu at the top of the screen.

About    Simulations    Search By..    Classes              STEM Sims              Pricing    Training    Help    Account        Out

Select Language        Powered by Google Translate

## Active Student Classes

| Period 1 Spring 2021 | View | Edit | Archive | Remove |
| --- | --- | --- | --- | --- |
| Period 2 2021 | View | Edit | Archive | Remove |
| Period 3 2021-2022 | View | Edit | Archive | Remove |

2) Select the Student Options tab on the right side of the screen.

| Information | Password | Subscription | Student Options |
| --- | --- | --- | --- |

3) Toggle any of the Page Access buttons on the right side of the screen to modify access to any of the three sections: Background, Methods, or Assessment. This action can be changed at any time. NOTE: All of your classes will have the same access that you selected.

| Information | Password | Subscription | Student Options |
| --- | --- | --- | --- |

### Reset Password
Reset the password for the student account (that all of your students use).

| Current Teacher Password | Current Password |
| --- | --- |
| New Student Password | New Password |
| Confirm Student Password | Confirm Password |

Change Password

### Page Access
Limit access to certain sections of the simulation page for *all* of your students.

Access to Background section

Access to Methods section

Access to Assessment section

Save Access Changes

## I) Translating STEM Sims into Other Languages
STEM Sims may be translated into more than 100 different languages.

1) Select the Google Translate® drop-down menu from the upper right-hand corner of the screen to select the desired language.



## J) Using the "Planning and Carrying Out Investigations" Feature
An optional feature of STEM Sims is the ability of having students complete a pre-lab section on how they would plan and carry out their investigation. This feature also has the students predict their results. To access this feature, open the Challenge page. Select the "Planning and Carrying Out Investigations link from the middle of the page.



Once here, students should read each question enter their answers in the box provided. When complete, students should select the Submit button at the bottom of the page.



To review student responses, select the Class tab and go to the students' specific class and view their records.

## K. Generic Student Account Login Instructions

*All students* will sign into their STEM Sims accounts by completing the following steps.

1) Select the Login button from the top right-hand side of the screen.



2) Enter the generic username and password *provided by the teacher*.



3) Select the Log in button.

## L. Individual Student Account Login Instructions

1) Once they login using the generic account credentials, students will select their class from the Select a Class list.

## Select a Class

Please select your class from the list below.

| |
|---|
| Period 1 Spring |
| Period 2 |
| Period 3 |

2) Next, students will select their names from the Class list.

## Select a Student

Please select your name from the list below.

| |
|---|
| Bob B |
| Patti L |
| Ric L |
| Sterling P |

3) The first time students enter STEM Sims, they will be asked to create passwords that *only they know* and use for accessing their *individual* accounts. Once the student enters the password correctly twice, select the Create button to continue.

## Create Password for Sterling P

| | |
|---|---|
| Student Name | Sterling P |
| Password | Password |
| Confirm Password | Confirm Password |

Create

4) Once they select or enter their password after the initial sign in, the student will use this password to submit all work to the teacher. For information on resetting passwords that students forget, please refer to Section F of this guide.

## Log in to Ric L

| | |
|---|---|
| Student Name | Ric L |
| Password | ••••••• |

Log In

5) Once individually logged in, students can submit their Assessments and Laboratory data and Lesson Question answers completed online to their teacher by selecting the Submit button at the end of the documents.

Flu Transmission

| Challenge | Background | Methods | Simulation | Assessment |
|-----------|-----------|---------|------------|------------|

**1. Which of the following is the most effective method of preventing the spread of the flu?**

○ A. handwashing
○ B. wearing masks
○ C. sanitizing surfaces
○ D. antibiotics

**2. How is the flu treated?**

○ A. with vaccines
○ B. with antibiotics
○ C. with antiviral medicines
○ D. the flu cannot be treated

**3. Which of the following is *not* a typical symptom of the flu?**

○ A. headaches
○ B. chills
○ C. a sore throat
○ D. fainting

**4. The flu is:**

○ A. a respiratory illness.
○ B. an inherited condition.
○ C. an infection of open wounds.
○ D. a bacteria that causes food poisoning.

**5. The best way to avoid contracting the flu is to get a flu vaccine.**

○ A. true
○ B. false

**6. Antiviral medicine:**

○ A. helps prevent flu infections.
○ B. reduces the severity of symptoms and the length of time you are sick.
○ C. should not be taken by people with chronic illnesses such as diabetes.
○ D. should not be taken often because side effects are common.

**7. The flu is most commonly spread from an infected person to a healthy person through small droplets when the infected person sneezes or coughs.**

○ A. true
○ B. false

**8. Methods of preventing the spread of flu include all of the following *except*:**

○ A. sanitizing common surfaces.
○ B. coughing into your elbow instead of your hands.
○ C. washing your hands after you blow your nose.
○ D. sharing food and drinks.

Submit Assessment

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