

## Blackboard Learn Integration

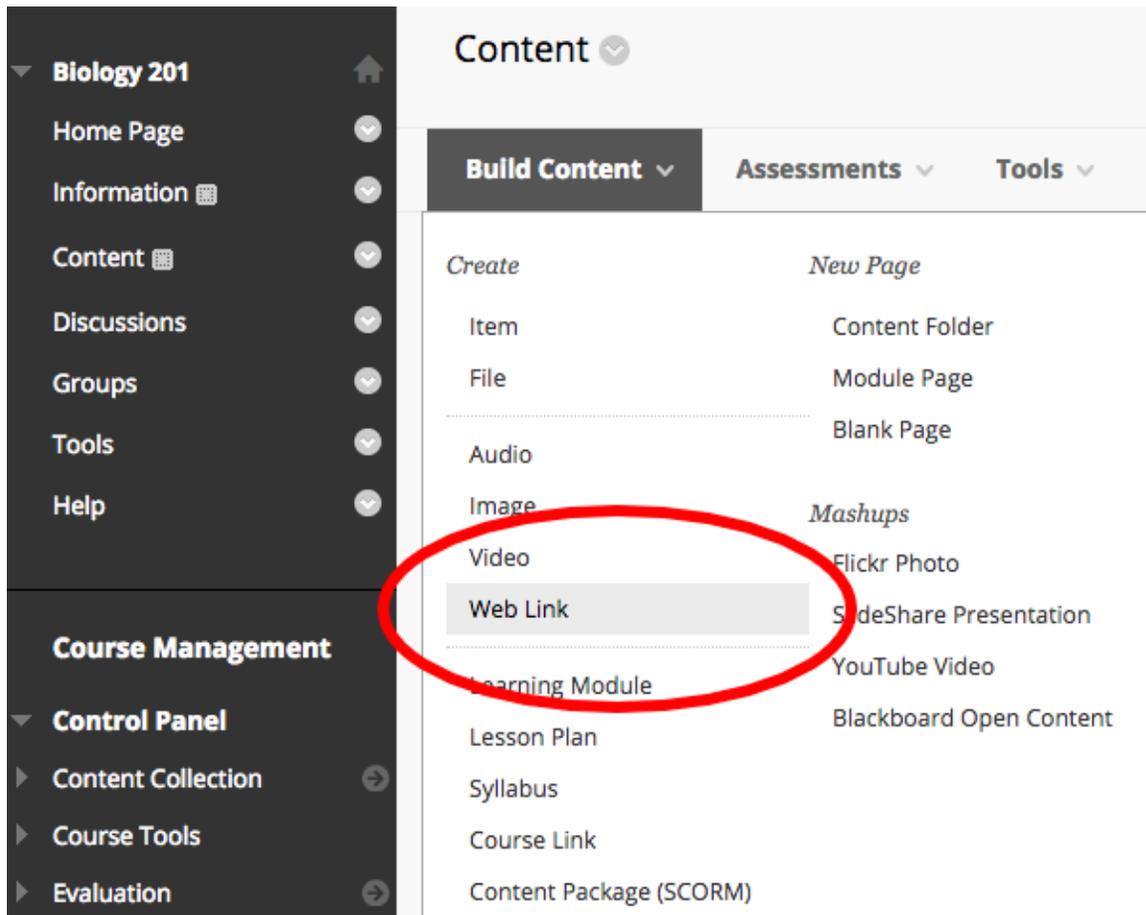
You may need to contact your IT department to complete parts of this process. Blackboard restricts some of these options by default.

Video of the process: <https://vimeo.com/137718673>

### Part 1: Add Visual Classrooms to Your Course

Make sure that “Editing” is on for your course and navigate to the **Content** section.

Hover over the **Build Content** option and select **Web Link**.



The screenshot shows the Blackboard Learn interface. On the left is a dark sidebar with navigation options: Biology 201, Home Page, Information, Content, Discussions, Groups, Tools, Help, Course Management, Control Panel, Content Collection, Course Tools, and Evaluation. The main area is titled 'Content' and has three tabs: 'Build Content', 'Assessments', and 'Tools'. The 'Build Content' tab is active, showing a list of options. A red circle highlights the 'Web Link' option in the list. Other options include 'Item', 'File', 'Audio', 'Image', 'Video', 'New Page', 'Content Folder', 'Module Page', 'Blank Page', 'Mashups', 'Flickr Photo', 'SlideShare Presentation', 'YouTube Video', 'Blackboard Open Content', 'Learning Module', 'Lesson Plan', 'Syllabus', 'Course Link', and 'Content Package (SCORM)'.

The Web Link screen asks for the following info:

**Name:** Anything, but we suggest “Visual Classrooms”

**URL:** <https://visualclassrooms.com/launch>

- If the checkbox (circled in image below) is NOT present on this screen, contact your IT support, integrations are disabled.
- If your school has a site license, the Key & Secret boxes in the image below will NOT appear and are NOT needed. Proceed.
- If you were given a Key/Secret by a publisher, enter it here.

**WEB LINK INFORMATION**

\* Name

\* URL   
*For example, <http://www.myschool.edu/>*

This link is to a Tool Provider. [What's a Tool Provider?](#)

*Either this provider has never been configured on this system before, provider to have a separate configuration. Enter the key and secret g Provider, or leave it blank. If you leave it blank then the system admi the configuration information, in which case this link will not work fo you may wish to make it unavailable.*

Key

Secret

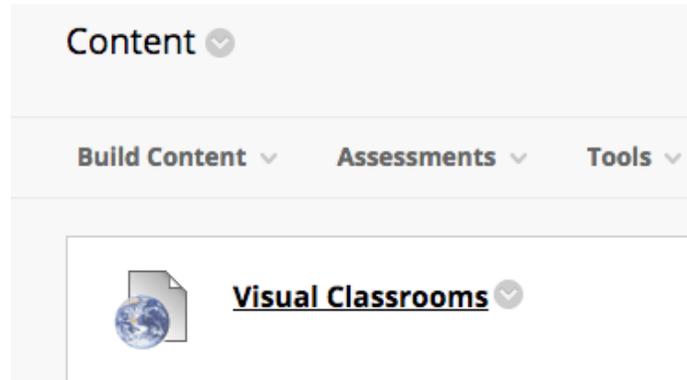
Custom Parameters

*Enter any custom parameters required by the toc each be on their own line and be entered in "nan*

Enable Evaluation  Yes  No

For Options ensure that “Open In New Window” is set to “Yes”

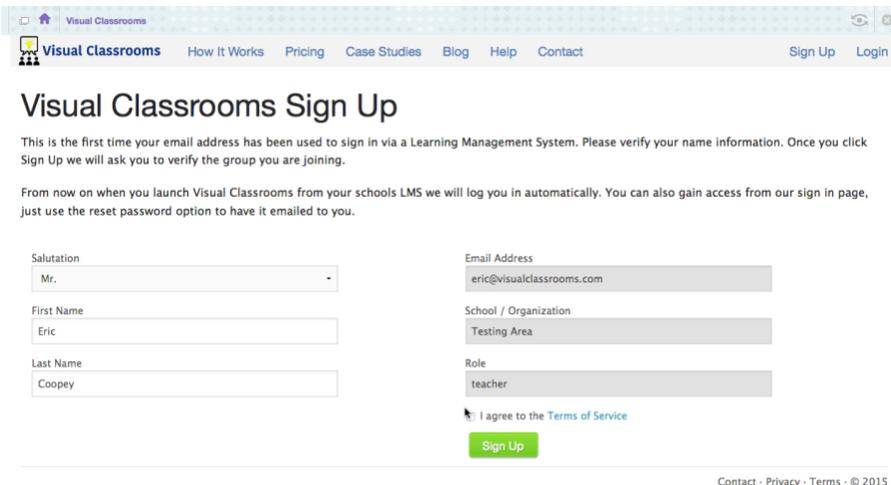
After you Submit the form you now have a link in your content area:



## Part 2: Launching the First Time

The first time you launch Visual Classrooms, you will have to create an account. This happens only once, and after that launching from inside Blackboard will log you in automatically.

Click the Visual Classrooms web link in the Content section we just created.

A screenshot of the Visual Classrooms Sign Up page. The page has a navigation bar with 'Visual Classrooms' and links for 'How It Works', 'Pricing', 'Case Studies', 'Blog', 'Help', and 'Contact'. There are 'Sign Up' and 'Login' buttons in the top right. The main heading is 'Visual Classrooms Sign Up'. Below the heading is a paragraph of text: 'This is the first time your email address has been used to sign in via a Learning Management System. Please verify your name information. Once you click Sign Up we will ask you to verify the group you are joining.' Another paragraph follows: 'From now on when you launch Visual Classrooms from your schools LMS we will log you in automatically. You can also gain access from our sign in page, just use the reset password option to have it emailed to you.' The form contains several input fields: 'Salutation' (dropdown menu with 'Mr.' selected), 'First Name' (text input with 'Eric'), 'Last Name' (text input with 'Coopey'), 'Email Address' (text input with 'eric@visualclassrooms.com'), 'School / Organization' (text input with 'Testing Area'), and 'Role' (text input with 'teacher'). There is a checkbox for 'I agree to the Terms of Service' and a green 'Sign Up' button. At the bottom right, there is a footer with 'Contact · Privacy · Terms · © 2015'.

### \*\*\* Important \*\*\*

YOU MUST LAUNCH VISUAL CLASSROOMS FROM EACH COURSE ONCE to create a mapping between your Blackboard course and a “Group” in Visual Classrooms.

If you teach both ENGR101 and EDU250, just launch Visual Classrooms from inside each Blackboard course once to create the mapping.

### Part 3: What Students See

Students who click on the Visual Classrooms web link will follow the exact same procedure the instructor does.

The first time launched, students will be asked to create an account. After that, they will be automatically logged in and taken to their student dashboard.

### Part 4: Creating Your First Activity

Download from our help page - <https://s3.amazonaws.com/vc-docs/Instructor+Creating+Your+First+Activity.pdf>

### Part 5: Advanced Navigation

After going through the previous walkthrough to create an activity, you should now have a Session, which is an activity (like “Week 1 Homework”) assigned to a group (like “BIO250”).

To get students quickly from BlackBoard to this Visual Classrooms session, you will just need the launch URL. Here is how to find it.

Go to the Visual Classrooms teacher dashboard. Find the session you want, and click the “Get Link” button on the right.

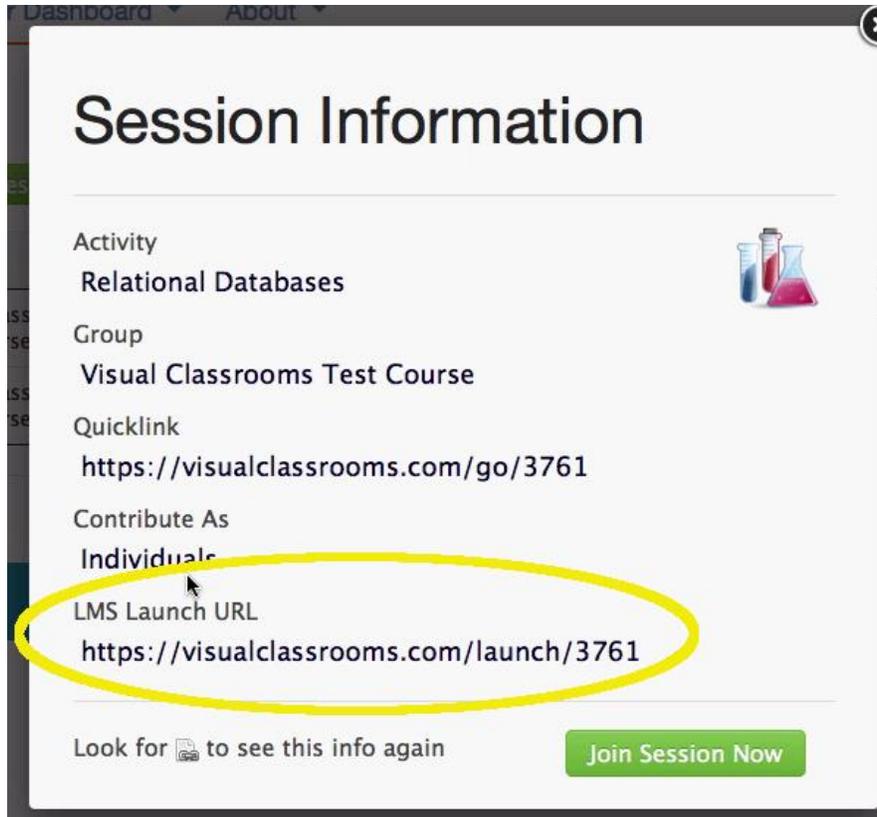
## Teacher Dashboard

Recent Sessions New Session

Activity	Group	Contrib	Posts	New	Get Link
 Relational Databases	Visual Classrooms Test Course	Indiv	0	0	
 Week 1 – Business Ethics	Visual Classrooms Test Course	Indiv	0	0	

Rec

From the popup, find and copy the LMS Launch URL to your clipboard.



Dashboard About

## Session Information

Activity  
Relational Databases 

Group  
Visual Classrooms Test Course

Quicklink  
<https://visualclassrooms.com/go/3761>

Contribute As  
Individual

LMS Launch URL  
<https://visualclassrooms.com/launch/3761>

Look for  to see this info again Join Session Now

Return to BlackBoard, and follow the same steps as before to add a **Web Link**.

Enter a name for this content, paste in the “LMS Launch URL” into the **URL** field, and ensure that you check the Tool Provider checkbox.

### WEB LINK INFORMATION

\* Name

\* URL   
*For example, <http://www.myschool.edu/>*

This link is to a Tool Provider. [What's a Tool Provider?](#)

Enable Evaluation  Yes  No

When you, or your students, click on the content “Relational DB’s” they will be taken directly to that session in Visual Classrooms.

## Part 6: Gradebook Integration

Visual Classrooms can send grades directly back to your gradebook, provided your institution supports API integration.

Go to the Session Analytics -  - and use our rubric to generate a grade for each student.

At the bottom of the page click the button “Authenticate Blackboard”

**Scale** [±Row](#)

Grade	Count
✖ 10	3

**✖ Total Posts**

Min
2

[Add New Condition](#)



Conditions are evaluated top to bottom, put highest grade in first row, lowest grade in last row

Search:

Last	First	Rubric Grade	Final Grade	Notes	Points	Correct MultChoice	Answered MultChoice	Total Posts	New Ideas	Total Responses	Tags	Saved Arrangements	Characters	Files Attached
 Brook	Suzanne	10	10	<input type="text"/>	0	0	1	2	2	0	0	0	160	0
 Jameston	Alice	10	10	<input type="text"/>	0	1	1	2	2	0	0	0	95	0
 Olzacky	Boris	10	10	<input type="text"/>	0	1	1	2	2	0	0	0	10	0
 Thompsen	Kevin		5	<input type="text"/>	0	0	1	1	1	0	0	0	66	0

Showing 1 to 4 of 4 entries Previous  Next

Save Grades

Copy Rubric → Final

Download Grades

Authenticate Blackboard

Download All Posts

Students do not see grades through Visual Classrooms, you must export or sync with gradebook

Contact · Privacy · Terms · © 2018

An informational popup lets you know that you have to authorize, select “Authorize and Return”

The first time you do this, you’ll be prompted (image below) to allow Visual Classrooms to interact with BB on your behalf. Select ALLOW. You shouldn’t have to do this again.

**Blackboard Learn Authorization**

The application Visual Classrooms, developed by ERIC COOPEY, would like to integrate with Blackboard Learn at local on your behalf with the following permissions:

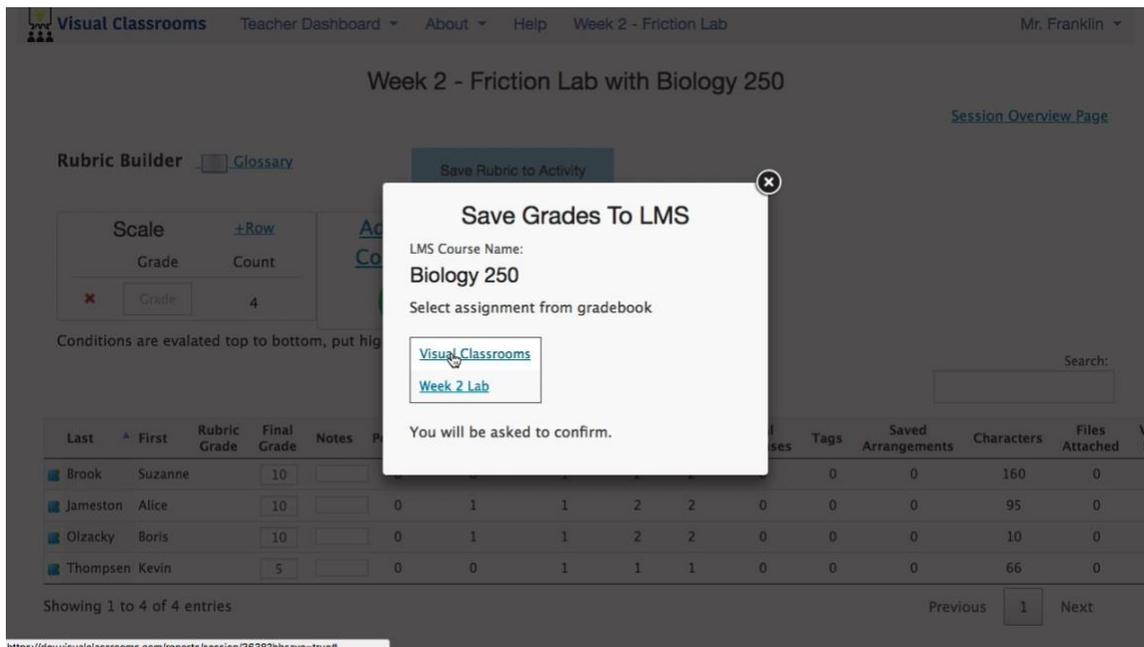
- Perform all operations as you

Please allow or deny this integration.

Deny

**Allow**

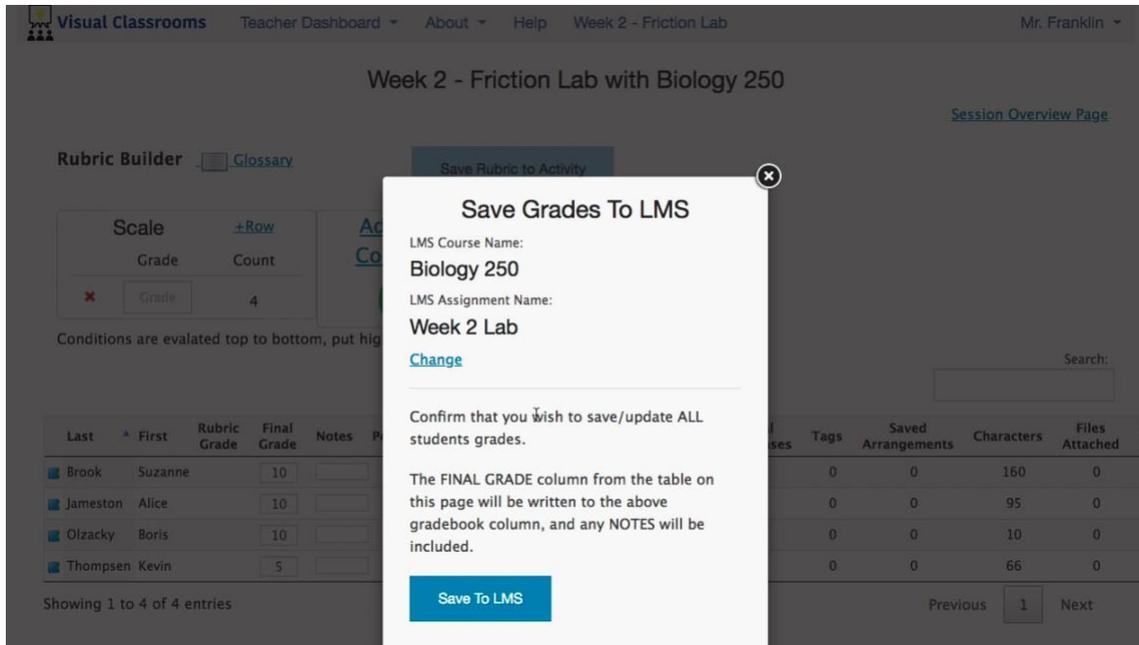
You'll be returned to our Session Analytics page and the upload process begins automatically. The first screen lists all of the columns of your gradebook. Select the column you want to upload grades to from the list.



The screenshot shows the Visual Classrooms interface. At the top, there's a navigation bar with 'Visual Classrooms', 'Teacher Dashboard', 'About', 'Help', 'Week 2 - Friction Lab', and 'Mr. Franklin'. The main heading is 'Week 2 - Friction Lab with Biology 250'. Below this, there's a 'Rubric Builder' section with a 'Glossary' link and a 'Save Rubric to Activity' button. A dialog box titled 'Save Grades To LMS' is open, showing 'LMS Course Name: Biology 250' and a list of assignments: 'Visual Classrooms' and 'Week 2 Lab'. Below the dialog, a table displays student data with columns for Last, First, Rubric Grade, Final Grade, Notes, and various performance metrics. The table shows 4 entries for students: Brook Suzanne, Jameston Alice, Olzacky Boris, and Thompsen Kevin. At the bottom, there's a pagination control showing 'Showing 1 to 4 of 4 entries' and 'Previous 1 Next'.

Last	First	Rubric Grade	Final Grade	Notes										
Brook	Suzanne		10							0	0	160	0	
Jameston	Alice		10		0	1	1	2	2	0	0	95	0	
Olzacky	Boris		10		0	1	1	2	2	0	0	10	0	
Thompsen	Kevin		5		0	0	1	1	1	0	0	66	0	

You'll be asked to verify the column, click "Save to LMS"



**Save Grades To LMS**

LMS Course Name:  
**Biology 250**

LMS Assignment Name:  
**Week 2 Lab**

[Change](#)

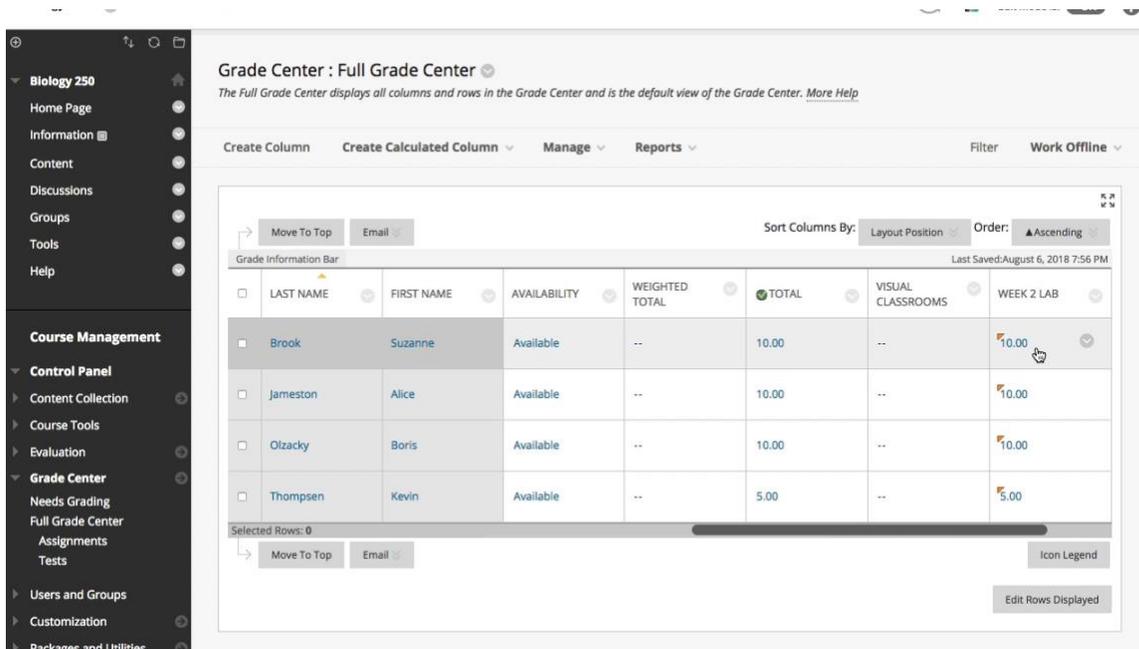
Confirm that you wish to save/update ALL students grades.

The FINAL GRADE column from the table on this page will be written to the above gradebook column, and any NOTES will be included.

**Save To LMS**

Last	First	Rubric Grade	Final Grade	Notes
Brook	Suzanne		10	
Jameston	Alice		10	
Olzacky	Boris		10	
Thompson	Kevin		5	

You should get a message that it was successful. You can then go to the Blackboard Grade Center and verify that the grades were uploaded.



**Grade Center : Full Grade Center**

The Full Grade Center displays all columns and rows in the Grade Center and is the default view of the Grade Center. [More Help](#)

Create Column Create Calculated Column Manage Reports Filter Work Offline

Sort Columns By: Layout Position Order: Ascending

Grade Information Bar	LAST NAME	FIRST NAME	AVAILABILITY	WEIGHTED TOTAL	TOTAL	VISUAL CLASSROOMS	WEEK 2 LAB
<input type="checkbox"/>	Brook	Suzanne	Available	--	10.00	--	10.00
<input type="checkbox"/>	Jameston	Alice	Available	--	10.00	--	10.00
<input type="checkbox"/>	Olzacky	Boris	Available	--	10.00	--	10.00
<input type="checkbox"/>	Thompson	Kevin	Available	--	5.00	--	5.00

Selected Rows: 0

Help: <http://help.visualclassrooms.com>

Support: [support@visualclassrooms.com](mailto:support@visualclassrooms.com)