

Gradekeeper for Android User's Guide

Copyright © 2017 by Daniel Ethier
All Rights Reserved

Introduction

Welcome to Gradekeeper for Android!

With Gradekeeper for Android, you can work with your Gradekeeper classes right on your phone. You can create new classes, add new students and assignments, take attendance, and make seating charts. You can email or print individual student progress reports.

Getting Started

To install Gradekeeper on your phone, purchase it from [Google Play](#).

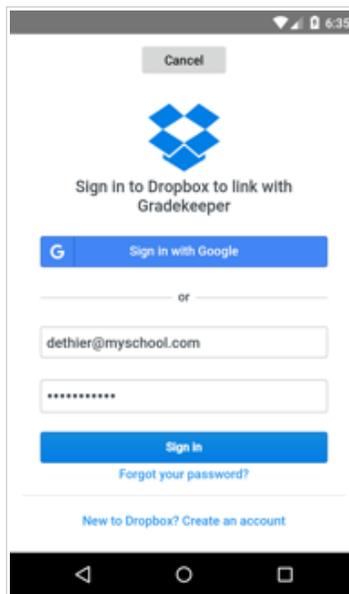
You can choose to save your classes right on your phone, or you can link to Dropbox and save your classes securely online so you can access them from anywhere and even have them synced automatically to your desktop computer. Dropbox is free for 2 GB of data.

To insure that your work is not lost should anything happen to your phone, you can set up Android to automatically back up your phone. In Android settings, scroll to Backup & reset, and enable the Backup my data, and Automatic restore options. This will cause Android to periodically send a backup of all your data, including classes saved by Gradekeeper, to Google Drive, allowing you to restore everything should anything happen to your phone.

Using Dropbox

The easiest way to share classes between your computer and phone is [Dropbox](#). You can sign up for Dropbox for free with 2 gigabytes of space. When you [install the Dropbox app](#) on your computer, classes you edit on one device will be automatically synced to your other devices.

You can link to Dropbox from Gradekeeper by tapping the Dropbox icon on the upper right of the classes view. You will be asked to enter your Dropbox email address and password to allow Gradekeeper to access its folder in your Dropbox.



When you link to Dropbox, a folder called Gradekeeper will be created in the Apps folder in your Dropbox. This folder will also be available inside the Dropbox folder on your computer if you have the Dropbox app installed. Copy your existing classes into this folder.

When Gradekeeper is linked to your Dropbox account, the files view will show the classes saved in the Gradekeeper folder in your Dropbox. You can only open Gradekeeper classes from Gradekeeper. You cannot open Gradekeeper classes from the Dropbox app.

When you first open a class from your Dropbox, it will be downloaded to your phone. When you open that class again, it will be opened immediately from the local copy. If you open a class that has been changed from another device, a new copy will be downloaded from Dropbox.

When you return to the files view, the class will be saved locally, and uploaded to your Dropbox. You do not need to wait for uploading to finish before opening another class. If you move Gradekeeper to the background, it will save any currently open class.

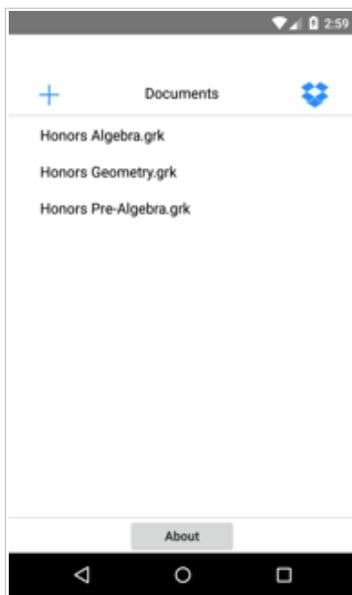
Never edit the same class from different devices at the same time. Gradekeeper has no way to merge changes to the same class made on different devices.

If you do edit the same class on different devices, Dropbox will notice that the saved copies of that class are not the same and create a “conflicted copy” of the class. You will need to look at both copies of your class, and either delete one of the copies, or manually merge the different changes into the original class.

One of the advantages of using Dropbox with Gradekeeper is that you will always have an online backup of your classes. Dropbox also allows you to access older versions of files and restore deleted files, allowing you to step back should you make a serious error.

Files View

The files view lists the classes in either your local documents or in your Dropbox, if you linked to your Dropbox.



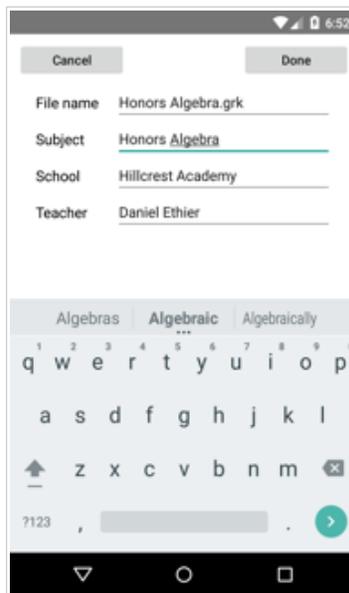
Tap a row to open that class. Press and hold a row to delete a class. You will be asked to confirm that you want to delete that class. Be careful! There is no way to undo deleting a class.

You can tap the Dropbox icon on the upper right to link to your Dropbox.

You can tap the About button for more information about Gradekeeper, and to view the frequently asked questions, send a question by email, or to rate Gradekeeper.

Creating New Classes

To create a new class, tap the plus button in the files view. The new class window will appear, allowing you to enter the filename, subject, school, and teacher for the new class. Tap Done when you have finished entering those items.



Importing Students

You can create a new class and import a list of students to avoid having to manually enter all your students.

Your student roster should be a text file with a list of student IDs and names, separated by a tab, with one student per line. The text file must have a file extension of txt. You can also use a text file with comma separated values, with the csv file extension. Student names must be a single item, formatted either first name last name, or last name, first name.

For example:

```
1234 <tab> Albright, Amy  
2345 <tab> Bravado, Barbara
```

or

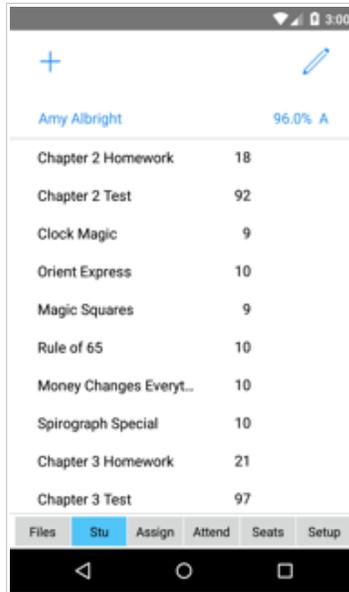
```
"1234", "Albright, Amy"  
"2345", "Bravado, Barbara"
```

Copy your roster into your Dropbox.

When you open a file with the txt or csv file extension, Gradekeeper will create a new class with those students and show the new class window. You can enter the filename for the new class, the subject, school, and teacher. When you finish, tap Done. You will be switched to the assignments view, where you can add assignments to your class.

Students View

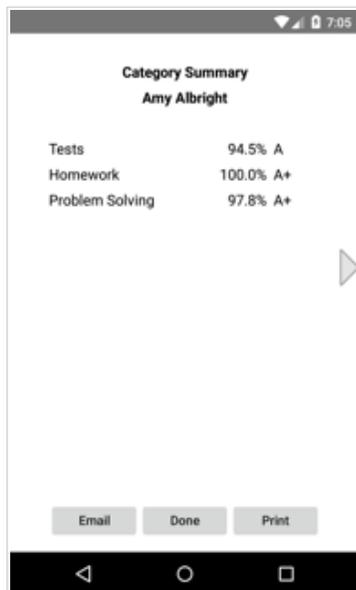
The students view shows one student and their scores for the assignments in the current term in the school year.



A screenshot of a mobile application interface showing a student's performance. At the top, there is a plus sign on the left and a pencil icon on the right. Below this, the student's name "Amy Albright" is displayed on the left and their overall score "96.0% A" is on the right. A list of assignments follows, each with a score. At the bottom, there is a navigation bar with tabs: "Files", "Stu" (highlighted), "Assign", "Attend", "Seats", and "Setup".

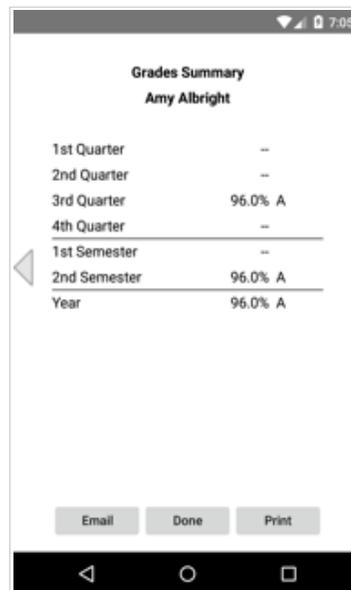
Assignment	Score
Chapter 2 Homework	18
Chapter 2 Test	92
Clock Magic	9
Orient Express	10
Magic Squares	9
Rule of 65	10
Money Changes Everyt...	10
Spirograph Special	10
Chapter 3 Homework	21
Chapter 3 Test	97

To view another student, you can tap the student name and choose a student from the drop down list. Tap the student grade to see a summary by category. Swipe to see a summary by grade.



A screenshot of a mobile application interface showing a "Category Summary" for Amy Albright. The summary lists three categories with their respective scores and grades. At the bottom, there are three buttons: "Email", "Done", and "Print".

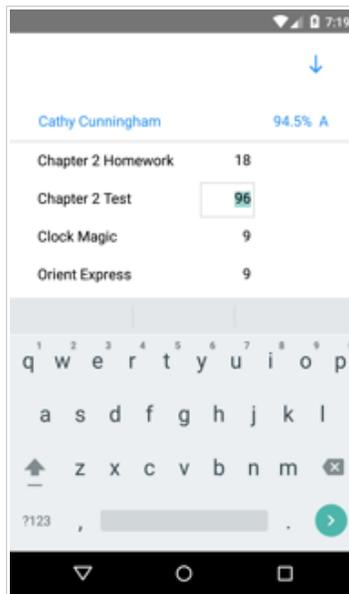
Category	Score	Grade
Tests	94.5%	A
Homework	100.0%	A+
Problem Solving	97.8%	A+



A screenshot of a mobile application interface showing a "Grades Summary" for Amy Albright. The summary lists scores for four quarters, two semesters, and a year. At the bottom, there are three buttons: "Email", "Done", and "Print".

1st Quarter	--
2nd Quarter	--
3rd Quarter	96.0% A
4th Quarter	--
<hr/>	
1st Semester	--
2nd Semester	96.0% A
Year	96.0% A

You can edit a score by tapping that row.

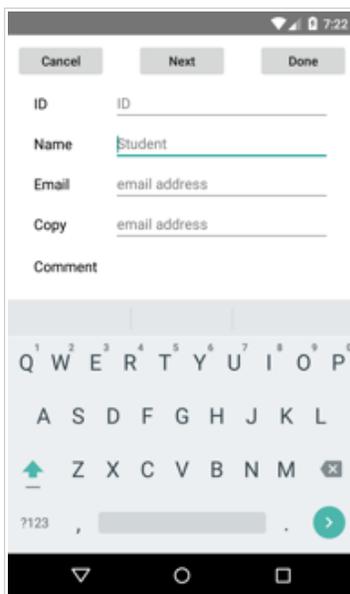


You can move to the next score by tapping return on the keyboard. You can edit the footnote for the score by pressing and holding a row. You can fill following scores with the same score as the current score by tapping the fill down button on the upper right.

Scores are decimal numbers. You can enter a percent of the points possible, a ratio of the points possible (for example, $2/3$), or a deduction (enter -5 to take off 5 points). These will be converted to numeric scores based on the points possible for the assignment. You can also enter a letter grade as a score. The letter grade will be converted to a score based on your letter grade cutoffs.

When you tap return after editing the last row, editing will end. You can also tap the header to stop editing scores.

To add a new student, tap the plus button. The new student window will appear.



Enter a student ID, a student name, and the email addresses for the new student. Tap Next to accept this new student and add another new student. Tap Done to accept this new student and return to the students view. Tap Cancel to cancel this new student.

After one or more new students are added to a class, the students will be sorted by name. To insure that your students are sorted correctly, enter student names either first name first, or last name first with a comma after the last name.

To edit a student, tap the pencil button. The edit student window will appear.



The screenshot shows a mobile application window for editing a student. At the top, there are three buttons: 'Cancel', 'Drop', and 'Done'. Below these are several input fields:

- ID:** 1359
- Name:** Amy Albright
- Email:** aalbright@gmail.com
- Copy:** email address
- Comment:** Amy has had a good quarter. She has completed all her assignments. She always gives her best effort.

The bottom of the screen shows the standard Android navigation bar with back, home, and recent apps icons.

You can enter or change the student ID and student name. You can enter email addresses for email progress reports. And you can enter a brief comment.

You can drop this student by tapping Drop. This will remove the student from the active roster for the class, but not delete them from the class entirely. When editing a dropped student, you will be able to undrop the student, returning the student to the active roster, or you can delete the student entirely. You can undo a recently deleted student by shaking your iPad.

Tap Done when you have finished editing this student.

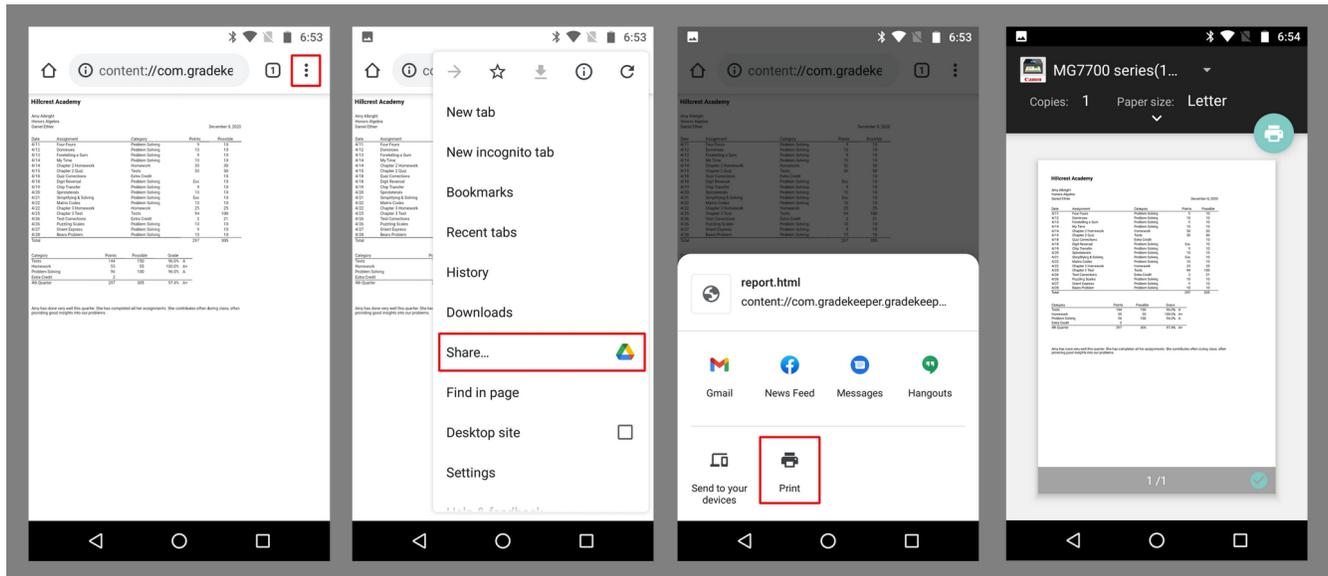
Emailing Progress Reports

To send a progress report by email for this student, tap the student grade to display the category summary view, then tap the email button at the bottom. A progress report for this student will be created and you will be asked to choose an email app to send it. Choose an email app and then send the email. The report will be attached to the email.

Hillcrest Academy				
Amy Albright Honors Algebra Daniel Ethier			March 31, 2017	
Date	Assignment	Category	Points	Possible
3/ 6	Chapter 2 Homework	Homework	15	15
3/ 7	Chapter 2 Test	Tests	94	100
3/ 9	Orient Express	Problem Solving	10	10
3/20	Chapter 3 Homework	Homework	21	21
3/21	Chapter 3 Test	Tests	97	100
3/22	Spirograph Special	Problem Solving	9	10
3/23	Spirolaterals	Problem Solving	10	10
3/24	Linear Equation Patterns	Problem Solving	11	10
Total			267	276
Category	Points	Possible	Grade	
Tests	191	200	95.5% A	
Homework	36	36	100.0% A+	
Problem Solving	40	40	100.0% A+	
3rd Quarter	267	276	96.7% A	

Printing Progress Reports

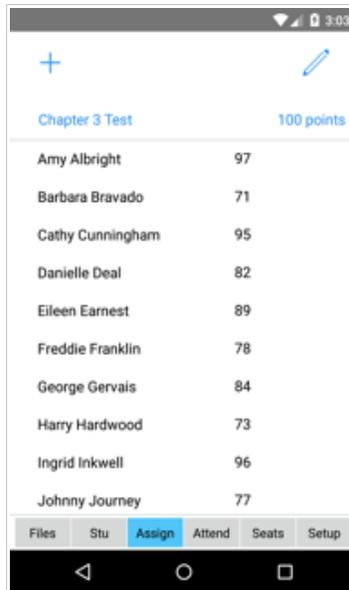
To print a progress report for this student, tap the student grade to display the category summary, then tap the print button at the bottom. The progress report will open in your web browser. You can choose to print by opening the menu, choosing Share, choosing Print, and then choosing your printer.



You may need to install a printer extension to allow printing to your printer. There is an option to add a printer at the step where you choose a printer.

Assignments View

The assignments view shows one assignment and scores for each student in the class.

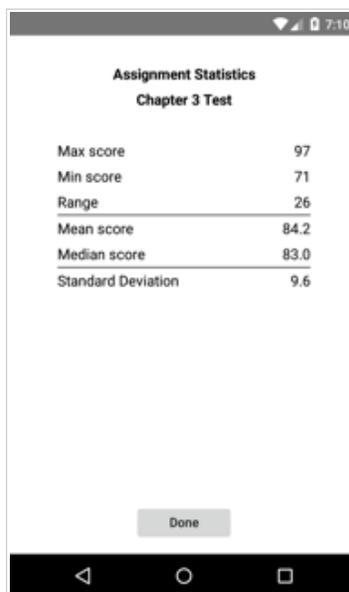


Chapter 3 Test		100 points
Amy Albright	97	
Barbara Bravado	71	
Cathy Cunningham	95	
Danielle Deal	82	
Eileen Earnest	89	
Freddie Franklin	78	
George Gervais	84	
Harry Hardwood	73	
Ingrid Inkwel	96	
Johnny Journey	77	

Files Stu **Assign** Attend Seats Setup

To view another assignment, tap the assignment name and choose an assignment from the drop down list. You can edit a score by tapping that row.

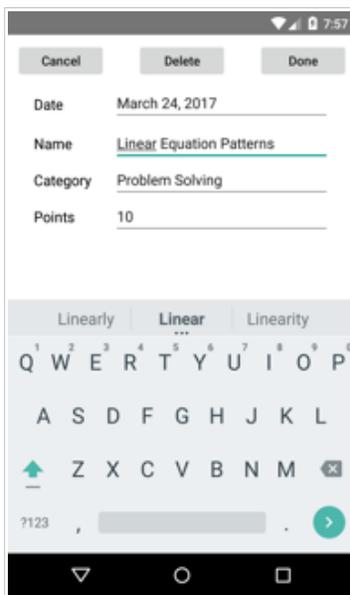
Tap the assignment points possible to see statistics for this assignment.



Assignment Statistics	
Chapter 3 Test	
Max score	97
Min score	71
Range	26
Mean score	84.2
Median score	83.0
Standard Deviation	9.6

Done

Tap the plus button to add a new assignment. Tap the pencil button to edit this assignment. The edit assignment window will be displayed.



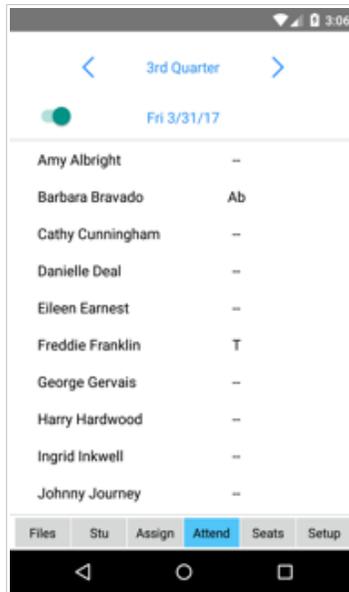
You can enter or change the assignment name, category, and points possible. To change the assignment date, tap the date and choose a date from the date picker.

You can delete this assignment by tapping the Delete button. You can undo a recently deleted assignment by shaking your phone.

Tap Done when you have finished editing this assignment. If this is a new assignment, you will be able to begin entering scores.

Attendance View

The attendance view shows the attendance for one date.



To see attendance for another date, tap the date and choose the date you want.

To designate a date as a non-class date (for a holiday or vacation day, for example), tap the switch on the upper left. You cannot take attendance on non-class days.

To edit the attendance for a student, tap that row on the attendance codes column. Then choose an attendance code from the dialog that appears.

To see a summary of attendance for a student, tap and hold on that student's row.

Attendance Summary		
Barbara Bravado		
3 absences and 1 tardy		
Wed	3/ 1	T
Fri	3/ 3	Ab
Wed	3/22	Ab
Fri	3/31	Ab

Seating Chart

The seating chart shows the current seating chart for this class.



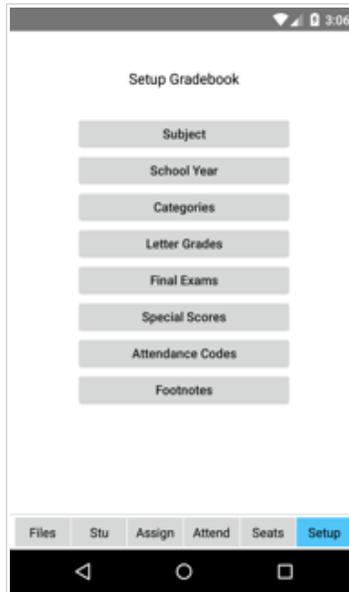
To assign seats, tap the Assign Seats button. Enter the number of rows and columns in your seating arrangement. Tap Done to assign students randomly to seats. You can undo the last seating assignment by shaking your phone.

You can also manually swap student seats. Tap and hold on a student until the seat changes color. Then tap on another student or on an available seat. Tap and hold on an empty seat to choose whether to make the seat available, unavailable, or hidden.

You can use the seating chart to take attendance for the current day. Tap a student seat and choose an attendance code from the dialog that appears.

Gradebook Setup

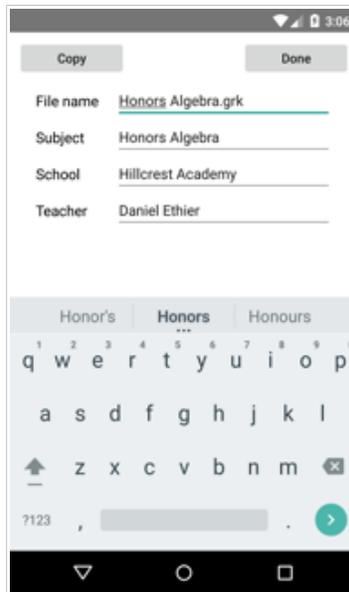
To set up your school year, categories, letter grades, final exams, special scores, attendance codes, and footnotes, tap Setup at the bottom of the screen. The Setup Gradebook view will appear.



Tap one of the buttons to show a window allowing you to edit those settings.

Subject

The subject window shows the filename, subject name, school name, and teacher name for the current class.



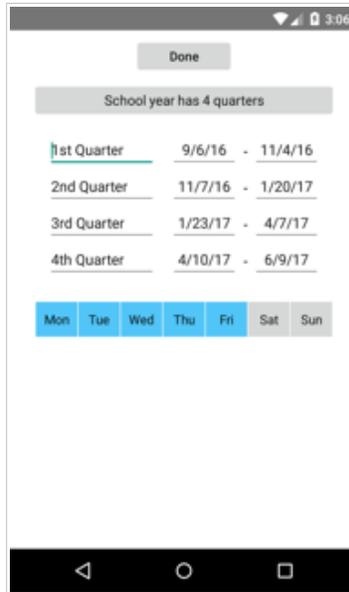
Enter the filename, subject name, school name, and teacher name.

You can tap Copy to make a copy of this class. You will be asked for a new filename for the copy. Then the class will be closed and the copy will be created and opened.

If you change the filename for a class, the class will be renamed. You cannot rename a class saved in your Dropbox.

School Year

The school year window shows the number of terms in your school year, the name of each term, and the starting and ending date for each term.



Tap the button showing the number of terms in the school year to choose a different number of terms for your school year. Tap the starting or ending date to choose a different date. You can enter names for each term in the school year. Tap the days of the week to choose which days of the week your class will meet.

Categories

The categories window shows the assignment categories and weights.

Category	Weight	Drops
Tests	50	Drop 0
Homework	30	Drop 0
Problem Solving	20	Drop 0
Category	Weight	Drops
Ungraded	NG	Drop 0
Extra Credit	10	

You can enter the name and weight for each assignment category. Enter a weight of NG to indicate that assignments in that category should be excluded from grade computation. Tap Drop 0 to choose the number of worst scores to drop from a category. The worst score is the score which, when dropped from the category, most improves the percent correct within that category for a student.

You can also choose to compute grades using total points earned or using category weights. Total points will total the points earned and possible for each student and compute a percent. Category weights will do the weighted average of the percent correct within each category using your category weights.

Letter Grades

The letter grades window shows letter grades and letter grade cutoffs.

Done					
A - F		Pass - Fail		O - S - U	
A+	97.0	C+	77.0		
A	93.0	C	73.0		
A-	90.0	C-	70.0		
B+	87.0	D+	67.0		
B	83.0	D	63.0		
B-	80.0	D-	60.0		
		F	0.0		

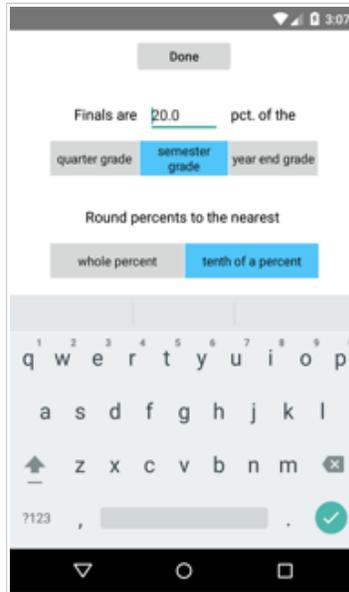
Show both Show percent Show grade

Enter a letter grade and percent for each letter grade. The percent is the lowest percent that will earn that letter grade. If you do not use a letter grade, clear both the letter grade and the percent fields. The failing grade must have a percent of 0.

You can choose to display both the percent and letter grade, the percent only, or the grade only.

Final Exams

The final exams window shows the percent that final exams contribute and which grade they contribute to.

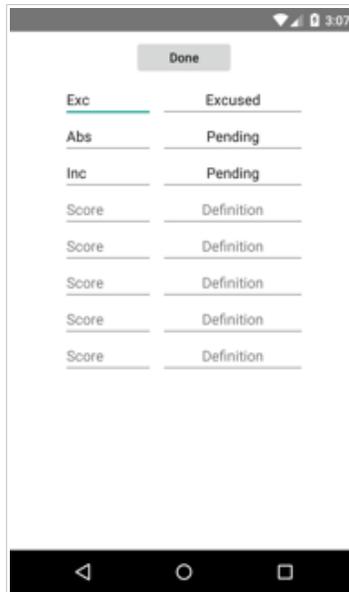


Enter a percent and choose which grade your final exams will contribute to. You will be warned if there are final exams that will not contribute to a grade with your current settings.

You can also choose whether to display percents to the nearest whole percent or the nearest tenth of a percent. Grade computation is always done using percents to the nearest tenth.

Special Scores

The special scores window shows special scores and their meaning.

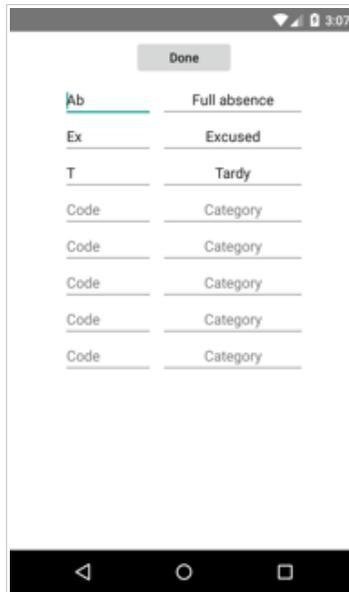


The screenshot shows a mobile application interface for entering special scores. At the top, there is a status bar with a signal strength icon, a battery icon, and the time 3:07. Below the status bar is a grey button labeled "Done". The main content area consists of a list of input fields arranged in two columns. The first column contains the following labels: "Exc", "Abs", "Inc", "Score", "Score", "Score", "Score", and "Score". The second column contains the following labels: "Excused", "Pending", "Pending", "Definition", "Definition", "Definition", "Definition", and "Definition". Each label is positioned above a horizontal line representing an input field. The "Exc" label is highlighted with a blue underline. At the bottom of the screen is a black navigation bar with three white icons: a back arrow, a home circle, and a recent apps square.

Enter a special score and choose the meaning of that score. You can choose to have a score indicate that a score is excused, pending (excused but still considered missing), or counts as 0 points. Special scores cannot be numbers, since they would be confused with scores.

Attendance Codes

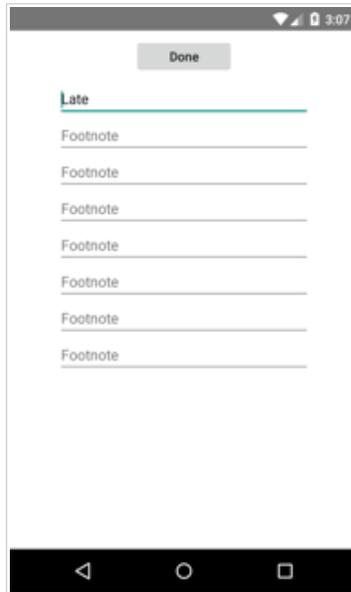
The attendance codes window shows attendance codes and their meaning.



Enter an attendance code and choose what that code means. You can choose to define an attendance code as a full or half absence, a tardy, or excused (not included in totals of tardies or absences).

Footnotes

The footnotes window shows the footnotes that can be attached to a score.



Enter or edit the footnotes you want to be able to attach to scores.

Grade Computation

Gradekeeper normally determines grades using total points earned. For every student, the sum of their points earned is divided by the total points possible. This result is converted to the nearest tenth of a percent. This percent is then used to determine a letter grade based on the current letter grade percents.

Extra credit assignments (assignments in the Extra Credit category or assignments with 0 points possible) contribute to each student's points earned, but do not contribute to the total points possible.

For example:

It All Adds Up	7/ 10
Orient Express	10/ 10
Bulgarian Solitaire	8/ 10
Spirograph Special	8/ 10
Extra Credit Work	10/ 0
Chapter 1 Homework	25/ 35
Chapter 1 Test	73/100
Total	141/175 = 80.6%

If you want certain kinds of assignments (such as tests or homework) to contribute a fixed amount to each student's grade, then you should compute grades using category weights. The percent correct within each category will be computed, with grades being determined by a weighted average of the percent correct within each category.

Extra credit assignments can affect grades in different ways when you are computing grade using category weights.

Assignments with 0 points possible improve the percent correct within that category. If you place an assignment with 0 points possible in the homework category, this would increase the percent correct in that category for students earning points on that assignment.

Assignments in the Extra Credit category are treated like assignments in any other category. The percent correct on these assignments is multiplied by the category weight. But the Extra Credit category weight is not included when category weights are totaled.

The weight you choose for the Extra Credit category determines how much your extra credit assignments will contribute to term grades, relative to your other categories. If you choose a weight of 10 for Extra Credit, and the total of the weights of your other categories is 100, any student with a perfect score on every assignment would earn a grade of 110% for the term.

The following is a detailed example of grade computation using category weights when you have extra credit assignments:

Tests	Chapter 1 Test	82/100
	Chapter 2 Test	80/100
	Chapter 3 Test	78/100
	Total	240/300 = 80%
Homework	Chapter 1 Homework	30/ 40
	Chapter 2 Homework	20/ 30
	Chapter 3 Homework	40/ 50
	Total	90/120 = 75%
Activities	Spirolaterals	8/ 10
	Spirograph Special	7/ 10
	Total	15/ 20 = 75%
Extra Credit	Math Counts #1	7/ 10
	Math Counts #2	3/ 10
	Total	10/ 20 = 50%
Tests	80% correct	x 50 weight = 40.0%
Homework	75% correct	x 30 weight = 22.5%
Activities	75% correct	x 20 weight = 15.0%
Extra Credit	50% correct	x 10 weight = 5.0%
Total		100 weight = 82.5%

Without the assignments in the Extra Credit category, this student would have earned a grade of 77.5% for the term. Note that the Extra Credit category is not included when the category weights are totaled. This is what makes these assignments truly extra credit.

Missing extra credit assignments are excused (excluded from grade computation), so the percent correct on extra credit for a student includes only those extra credit assignments they received scores for. Extra credit assignments a student does not do will not affect their grade.