

# POAC of Oregon Math Fact iPad App

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## Getting Started

Open the poacMath app by selecting the icon



You can log in as either the administrator (teacher/parent) or as a user (student):

Username: Admin

Password: admin

Username: User

Password: user

The password is **NOT** case sensitive.

## Stepping Through Math Facts

If you log in as “user” (no quotes with password of “user”), you will start Set 1 on the addition math facts. For each set of math facts, you will have a 2 minute practice followed by a 1 minute timing. These default settings (along with many others) can be adjusted by the admin.

## My Students Can’t Pass

Never fear, the pass requirement is adjustable. If a student fails a test more than 2 times – STOP. Look at the data. Is the test too long? Is the minimum correct too high? Is there enough practice? Should the # Distractors be lowered? Is the student struggling with the keyboard?

For the last question, run Set 1 of Addition or Multiplication at least 2-3 times. Find the baseline. With a test that is  $1 \times \text{number}$  or  $0 + \text{number}$ , that will give you the maximum the student can do in a perfect situation for button pressing.

## To adjust other settings:

Log in as admin -> click on “Students” at the top left -> Click “Edit at the top left -> Select the student

The pop up window will allow you to adjust:

**User First Name**

**User Last Name**

**Username:** Something simple and unique that the student will remember like first name with last initial (eg. JohnnyQ).

**Password:** Case insensitive

**Email address:** To be used in the future

**Timing Length:** Timings are like a quiz, the length is in seconds – some students may need 45 seconds or 30 seconds.

**Minimum Correct:** In the timing, the minimum number correct. Verbally that is 40 seconds but with button pushing issues and age, it may need to be adjusted downward between 12 and 30. You can find this number by having the student run the addition or multiplication Set A 1 to 3 times for a “baseline” which should be fairly close to the setting for the student.

**Maximum Incorrect:** For timings only. Technically should be 0 but there is always one or so erroneous button pushes. Don't set too high or the student will allow for this and not gain the accuracy required to move forward to harder problems.

**Practice length:** In seconds. Don't set too high or the student will get worn out or bored. Don't set too low or the student may not get enough practice to pass. 2 minutes (120 seconds) is usually a good number to start with.

**# Distraction Questions:** In practice only, the number of questions between an incorrect answer and presenting the math fact again. This can be set to 2 if the student is struggling and forgets the answer by the time it is asked again. The question that was answered incorrectly will show again 3 times (must be answered correctly) for the system to move on.

## How Many Student Accounts Can I Create?

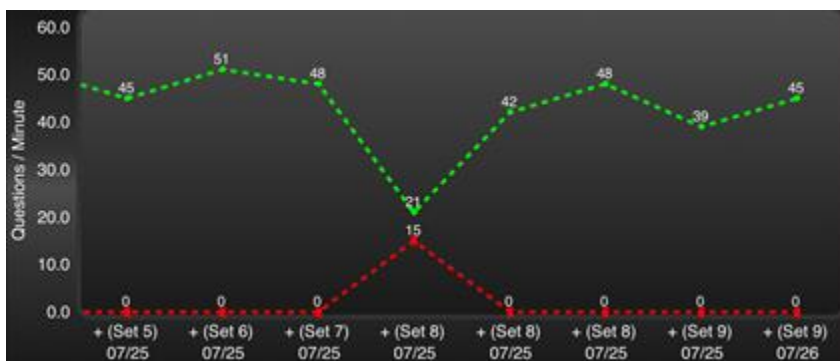
As many as you want. That said, if you export your data (Admin login -> Summary -> Backup), the more students you have to longer the backup will take.

Ideally, the more iPads you have in the classroom the better. If you have 30 students, with 5 iPads you only need to create 6 accounts on each iPad. If you only have one iPad, then you'll need to be a bit creative in how students get their practice and timing in for the day.

## How Do I Know the Students Are Passing?

There are 4 ways to get student data:

1. As the student, you can view your results by logging in a clicking on “Results” at the top right



- As an admin, you can view the summary. This quick view gives you a snapshot of where each student is as far as the last timing score indexed to a 1 minute timing. For instance, a student on 30 second timings will have the # correct and # incorrect doubled. Access this list by clicking on “Students” at the top left -> “Summary” at the bottom

Backup

Summary

Done

U

U

User	7/26/12	Addition: Set 9	45 / 0	20
User2 User		No Timings	/	

- As an admin, you can drill down and review the sets for an individual student. It will list all the sets, and you can click on each “Current” or “History” set (eg. Addition: Set 1) and review the practice or timing set results. At the bottom of the results list you will see the specific math facts that were answered incorrectly. The problems can be useful for extra practice at home.

user: Addition (Set 9)

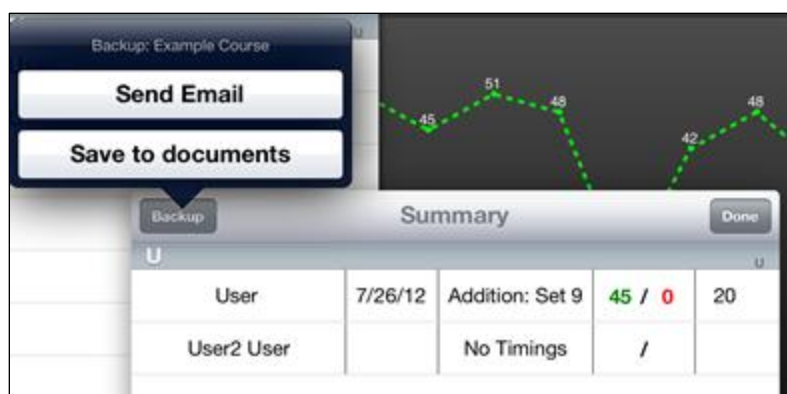
Addition (Set 9): Jul 25, 2012 9:20 PM

Questions Correct: 13

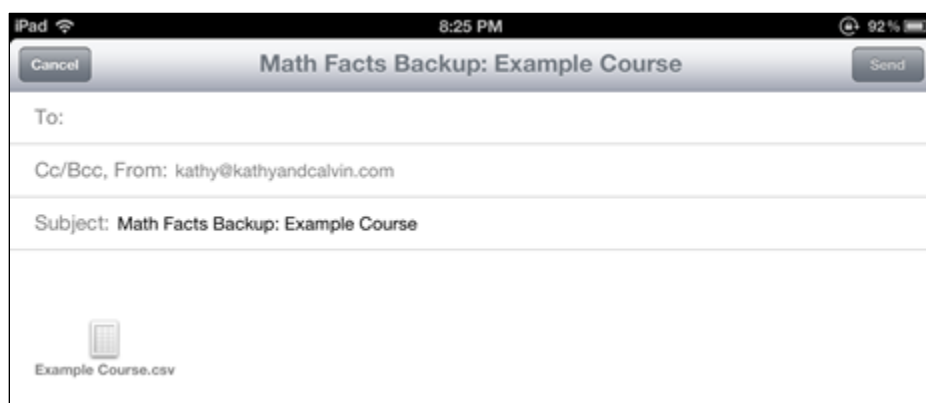
$8 + 8 = \underline{\quad}$	16 (Set 9)
$1 + 5 = \underline{\quad}$	6 (Set 5)
$8 + 1 = \underline{\quad}$	9 (Set 8)
$0 + 4 = \underline{\quad}$	4 (Set 1)
$3 + 3 = \underline{\quad}$	6 (Set 4)
$1 + 9 = \underline{\quad}$	10 (Set 9)
$2 + 1 = \underline{\quad}$	3 (Set 2)
$7 + 1 = \underline{\quad}$	8 (Set 7)
$8 + 0 = \underline{\quad}$	8 (Set 1)
$9 + 0 = \underline{\quad}$	9 (Set 1)
$9 + 1 = \underline{\quad}$	10 (Set 9)
$5 + 5 = \underline{\quad}$	10 (Set 6)
$0 + 5 = \underline{\quad}$	5 (Set 1)

Questions Incorrect: 0

- As an admin, you can export the data. Login as admin ->Click on “Summary” at the bottom -> Click on “Backup” at the top left of the pop-up window.



There you can send an email in CSV (comma separated values) to yourself and eventually import into excel or a database or you can “Save to documents” which will allow you to get the file via iTunes



(sync the ipad -> under devices on the left in iTunes, select your ipad device -> click “apps” at the top -> Scroll down below “File Sharing” to “Apps” -> scroll down and select “poacMath” -> under “poacMath Documents” you can select and drag the .csv file to your desktop.) From there you should be able to double click the .csv file and have it open in your excel spreadsheet program.

## Can I Create Different Math Facts?

Absolutely. You can add, delete, and change the math facts at will.

The app does not support fractions, decimals, or negative numbers. In creating your math facts, keep that in mind. When adding division or subtraction facts, ensure the first entry is larger than the second and that the answer is a whole number – otherwise the answer will always be incorrect. You do not enter the answer, just the two numbers that will have an operator applied to it.

When you change math fact sets, it will change for ALL users.

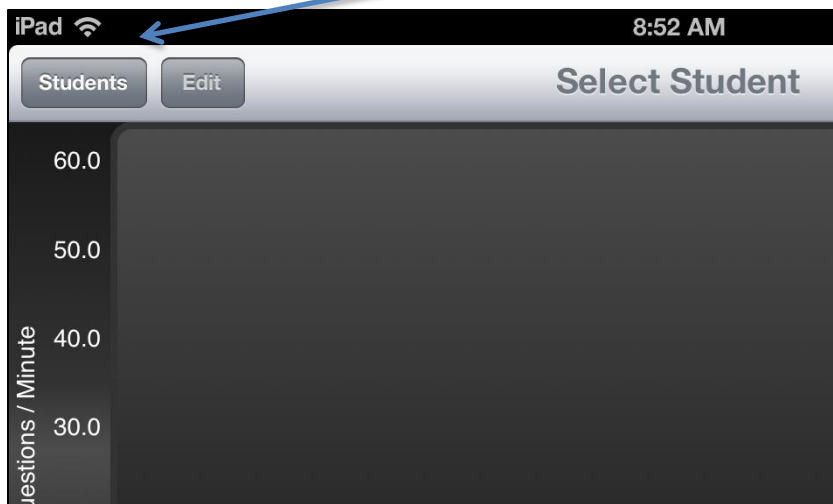
At this point in time, there is no backup system for your math facts so you can’t back up your new math fact sets & items and share them across different iPads. We hope to add that feature in the future when iCloud is more stable.

## Can I Backup Student Data?

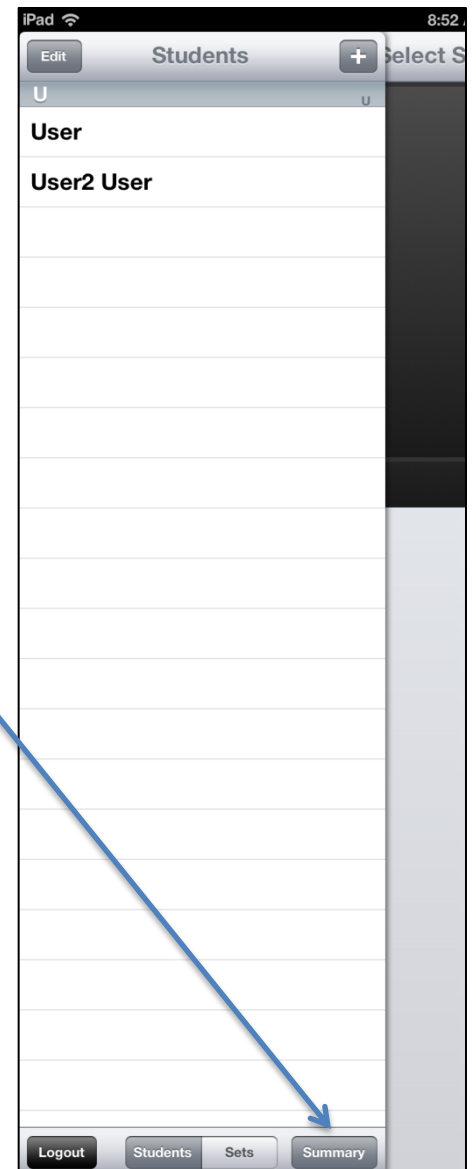
You can back your data up but you cannot restore. We hope to add that feature in the future when iCloud is more stable.

As an admin, you can export the data.

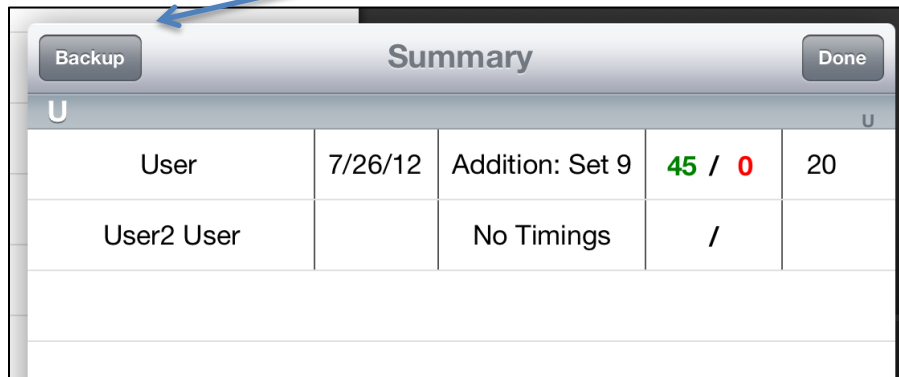
1. Login as admin
2. If you are in portrait mode (tall side up), enter into the student side window by clicking the “Students” button at the top right.



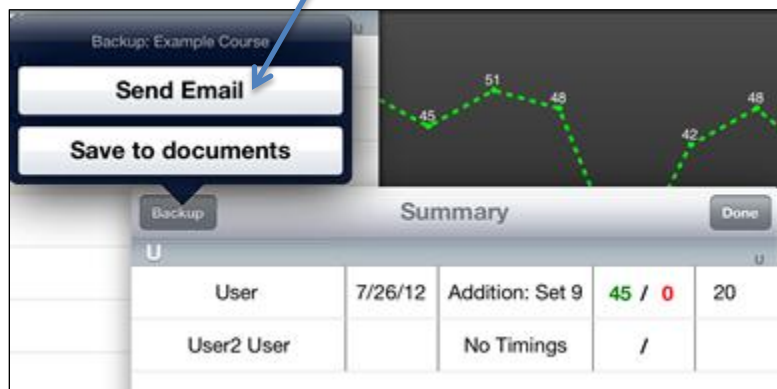
3. Click on “Summary” at the bottom



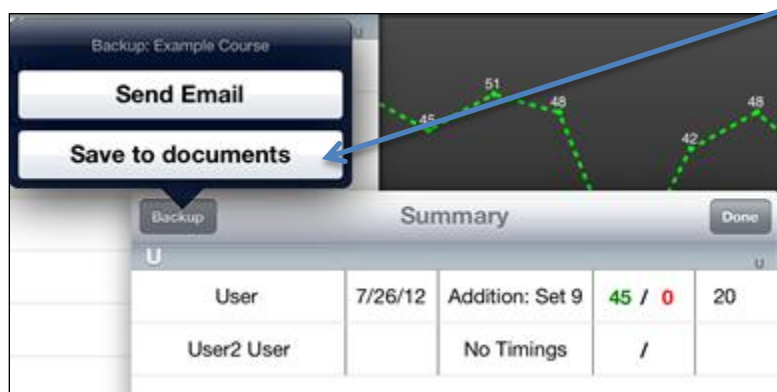
4. Click on “Backup” at the top left of the pop-up window.



5. There you can “Send Email” to send an email to yourself or someone else in CSV format (comma separated values)

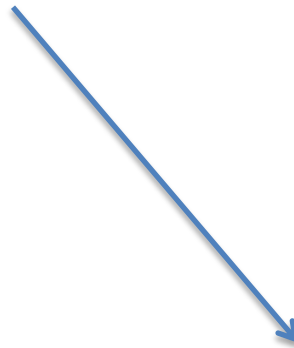


- a. You can import into excel or a database
6. Or you can “Save to documents” which will allow you to get the file via iTunes



- a. Sync your iPad with your computer

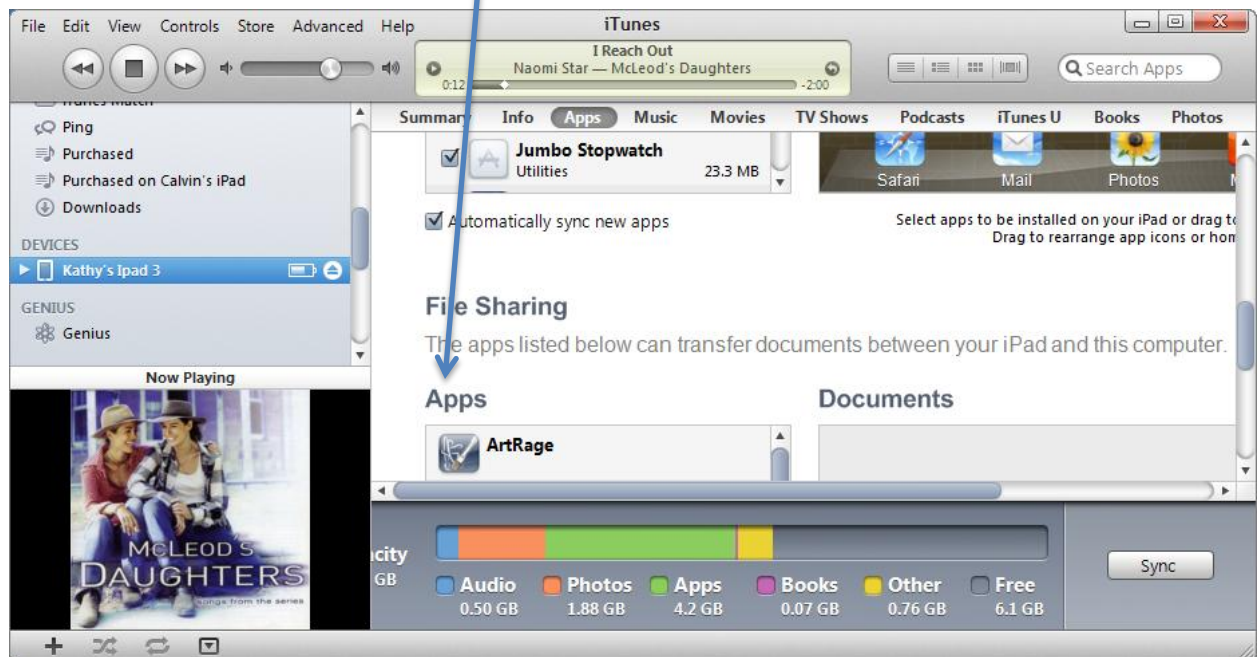
b. Under devices on the left in iTunes, select your ipad device



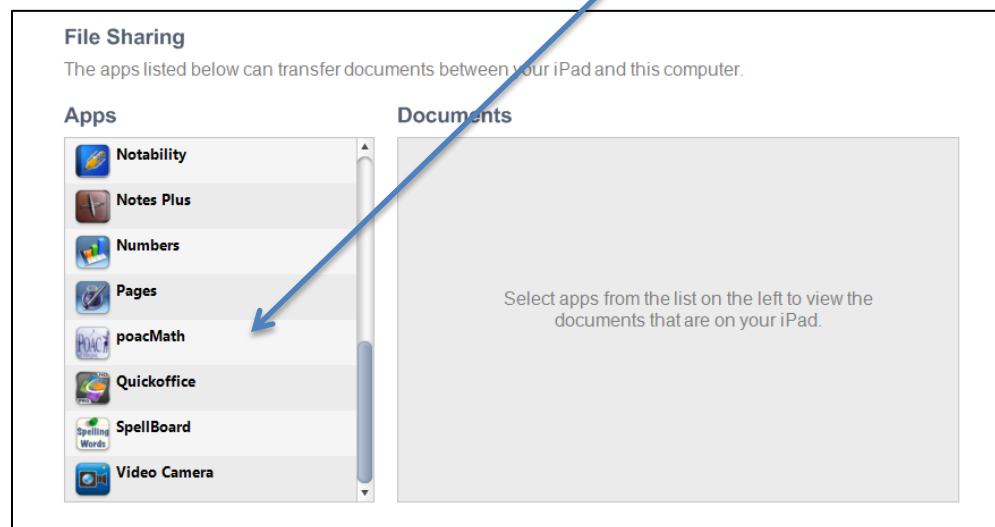
c. Click "Apps" at the top



d. Scroll down below “File Sharing” to “Apps”

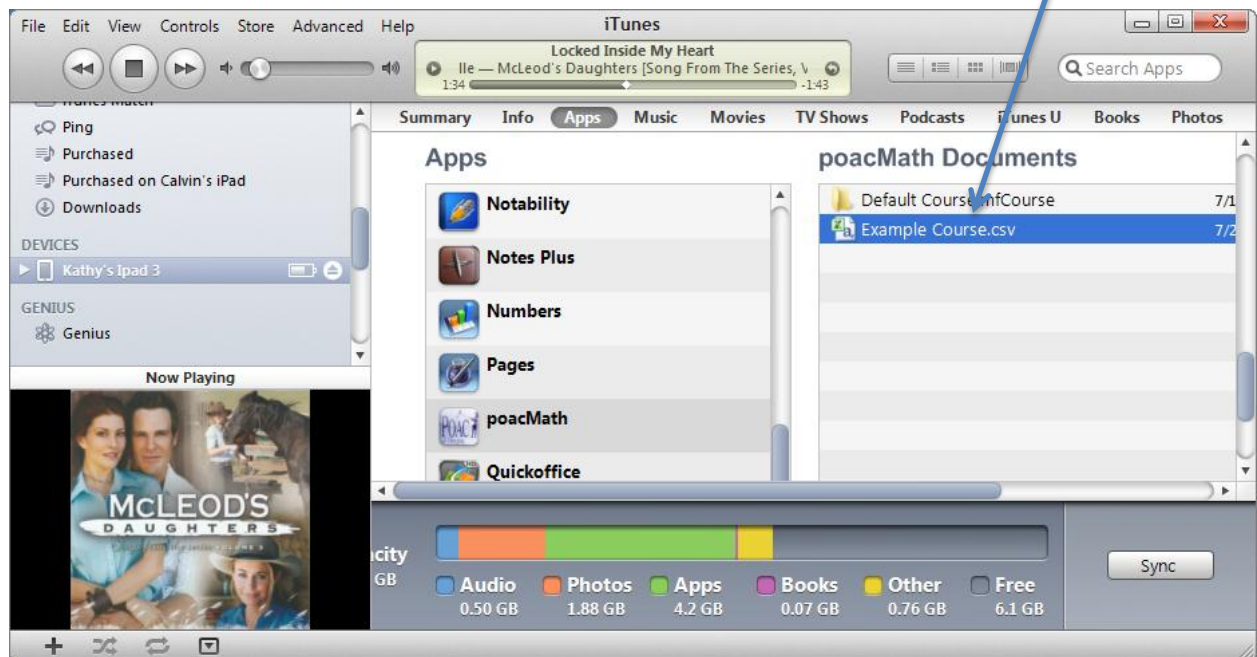


e. Under “Apps,” scroll down and select “poacMath”





- f. Under “poacMath Documents” you can select and drag the .csv file to your desktop



- g. From there you should be able to double click the .csv file and have it open in your excel spreadsheet program or import the file into a database like Access or FileMaker Pro.