

Screencasting on the iPad to Enhance Student Engagement

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Do You Have an iPad?



ShowMe Interactive Whiteboard



ShowMe Interactive Whiteboard



<http://www.showme.com/sh/?h=zkgH4BE>

ShowMe – Features

- Use like a whiteboard
- Include images
- Upload your ShowMe to share OR keep private
- Unlimited length
- Easy embedding for sharing anywhere
- Groups feature is \$5 per month



Why Use Screencasts - Benefits for Instructors

- Provides a more traditional “lecture” element in online classes
- Effectively show step-by-step processes
- Fast and easy



Why Use Screencasts - Benefits for Students

- Allows learning by example
- Can be watched on-demand
- Allows students to learn at their own pace
- Presents material in multiple modalities



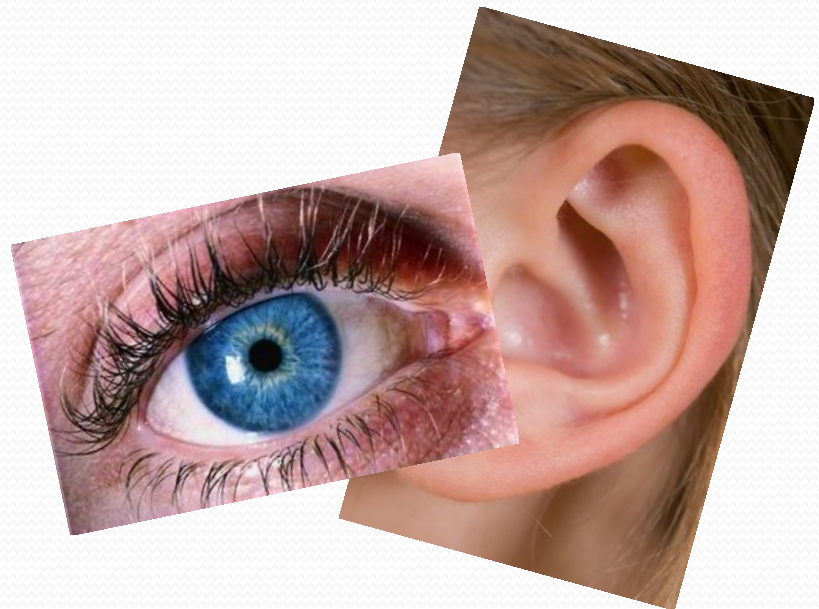
What the Research Says

- Traphagan, Kucsera and Kishi (2010) found screencasting has positive effects on students' learning experiences and performance.



What the Research Says

- Chahine (2013) found that students using multimodal curriculum outperformed their counterparts using monomodal curriculum.



What the Research Says

- Kay and Kletskin (2012) found the majority of students
 - used the video podcasts frequently
 - rated them as useful or very useful
 - viewed them as easy to use, effective learning tools
 - reported significant knowledge gains in pre-calculus concepts

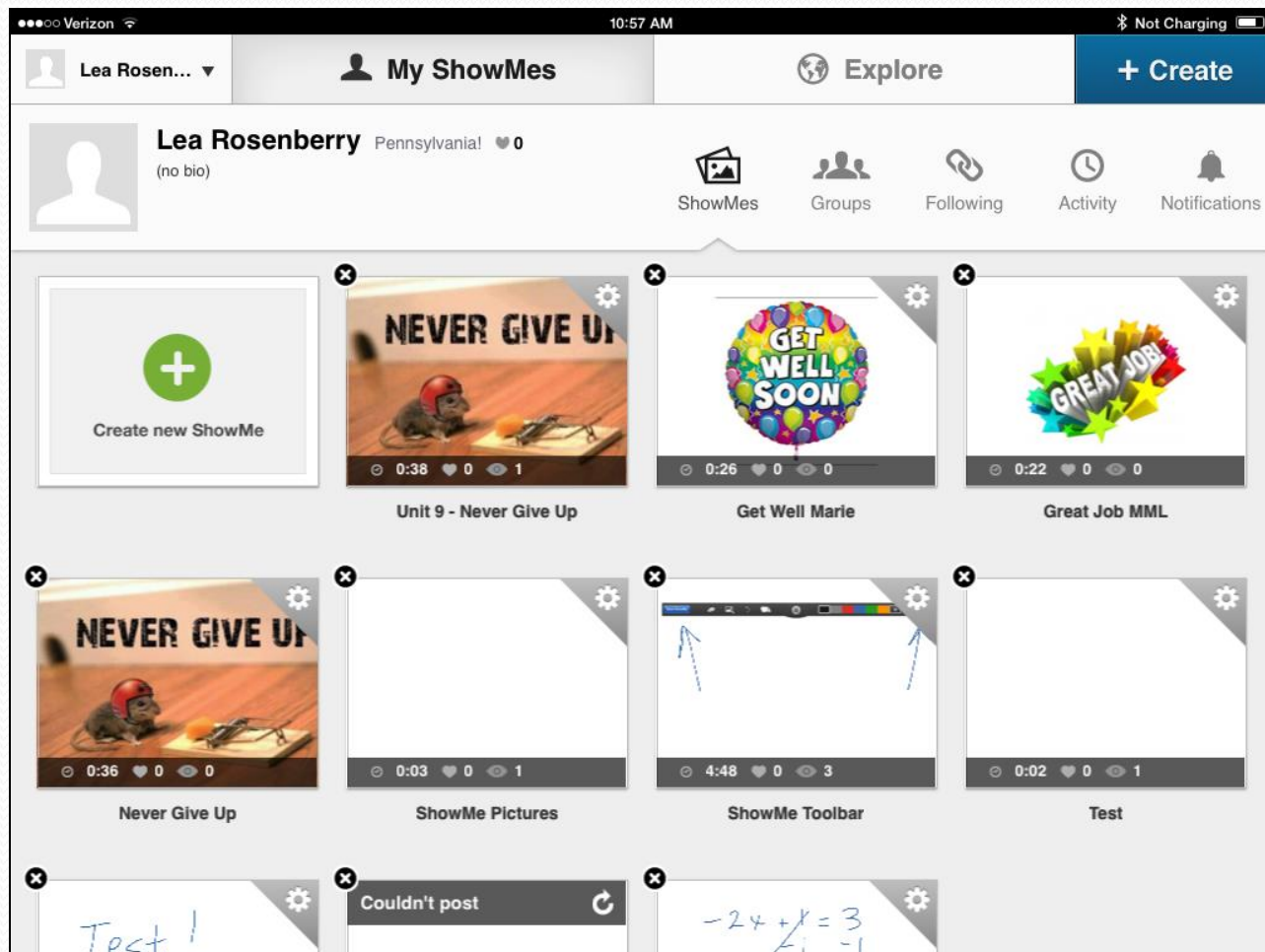


Why ShowMe?

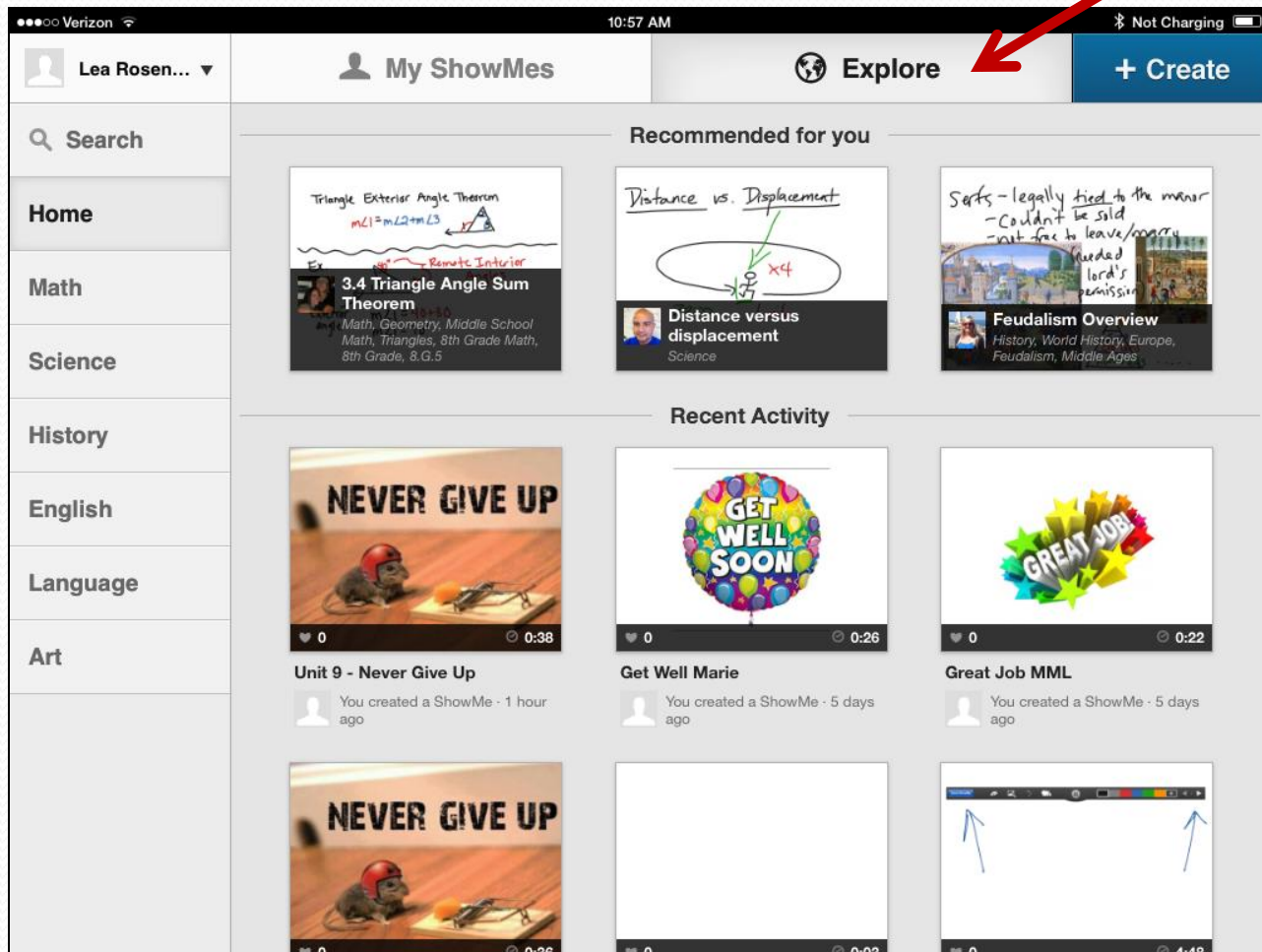
- Easy to use on the go
- Allows for quick responses using only the iPad
- ShowMe's can be re-used or not
- Very personalized
 - Use a student's name
 - Answer specific questions
 - Informal yet professional



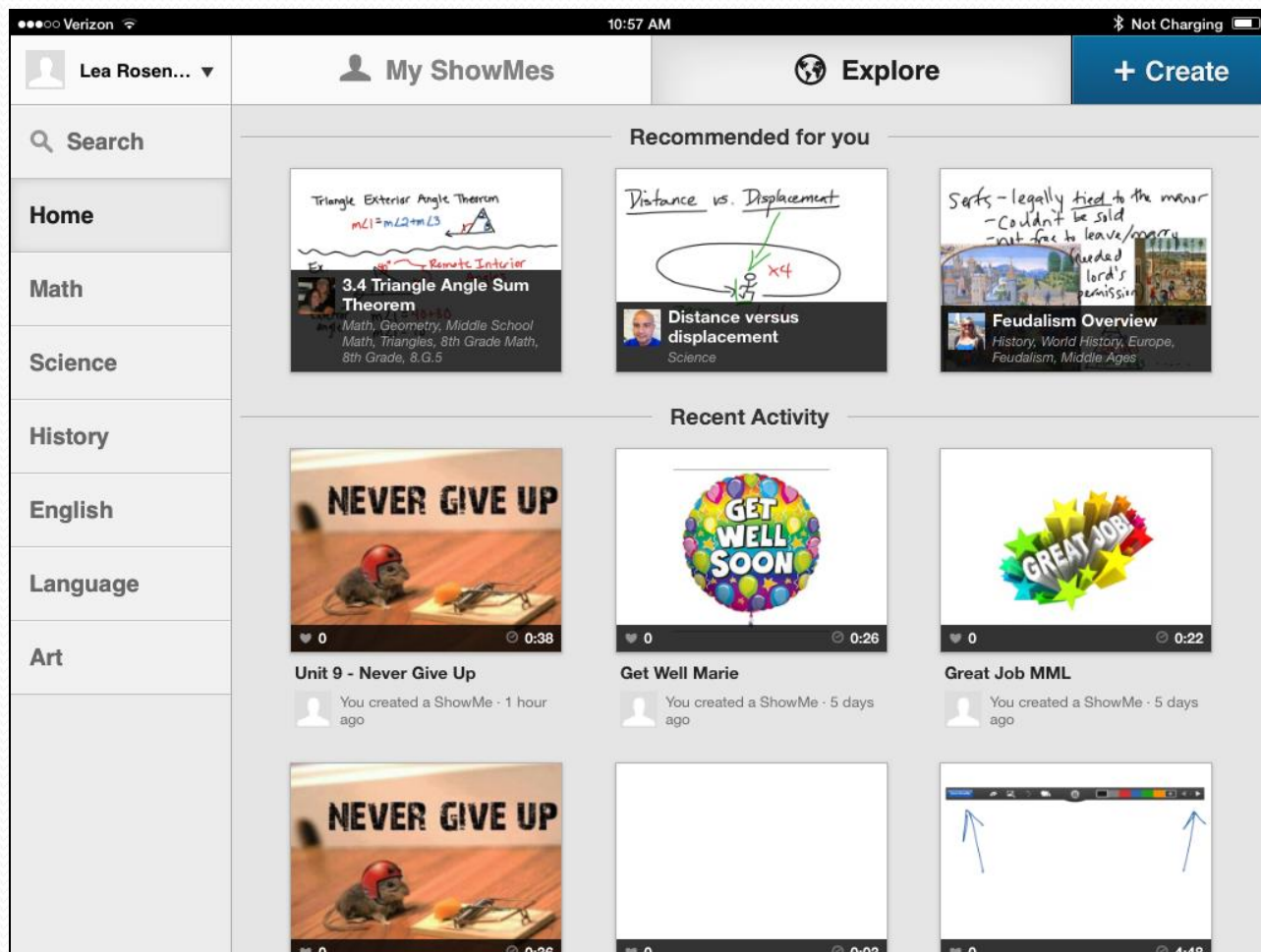
Sign In



Explore

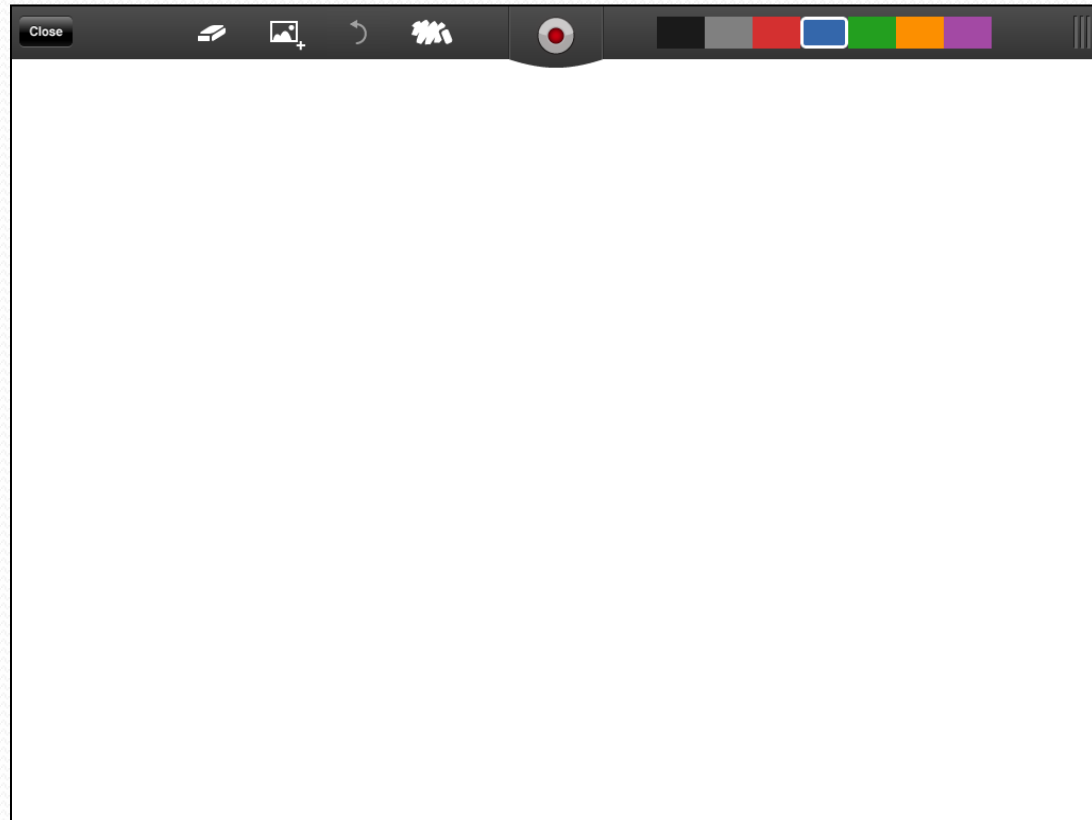


Create



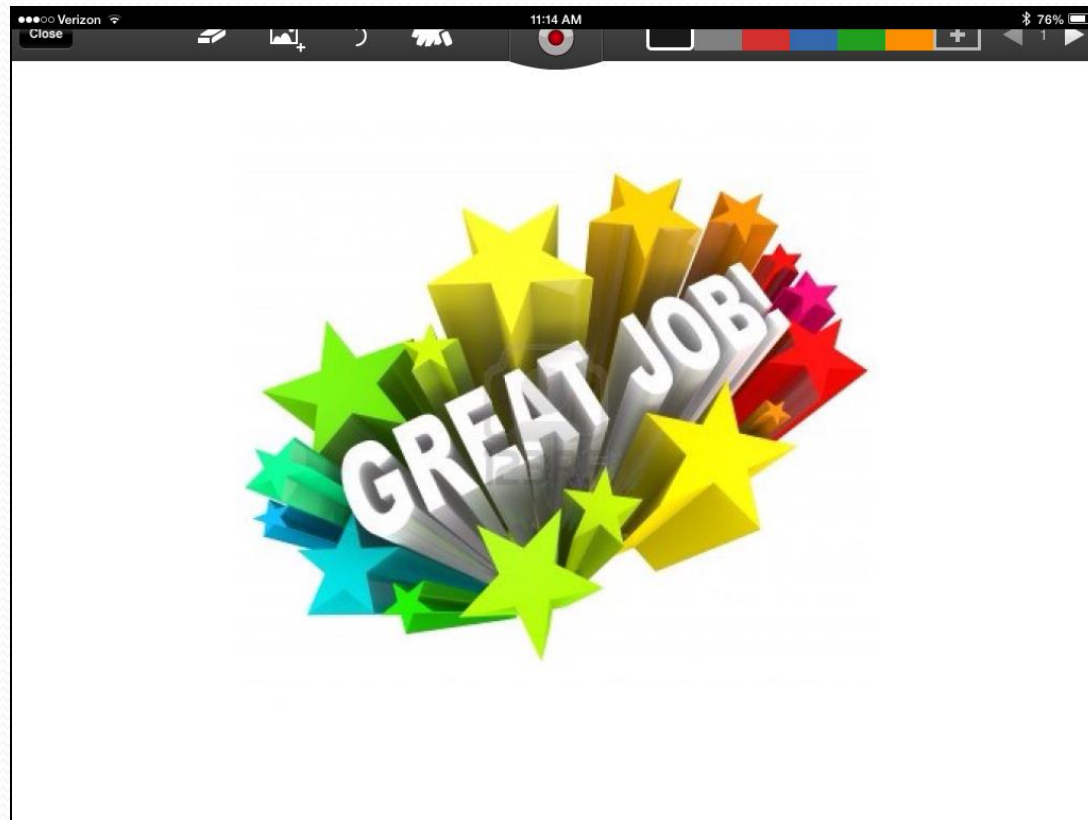
The Recording Screen

- A blank canvas



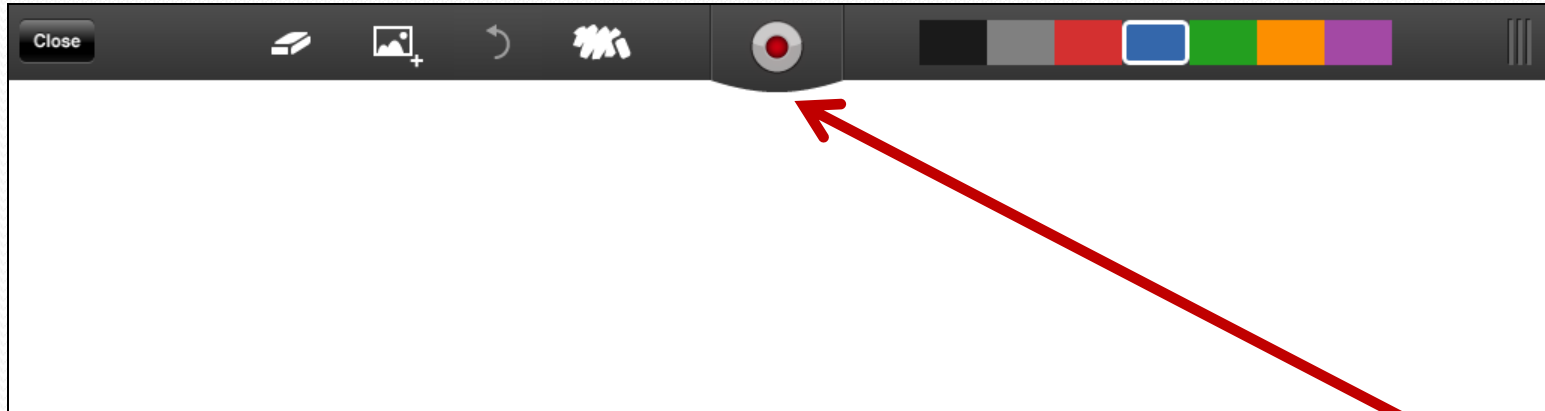
The Recording Screen

- Set up your ShowMe before you begin recording



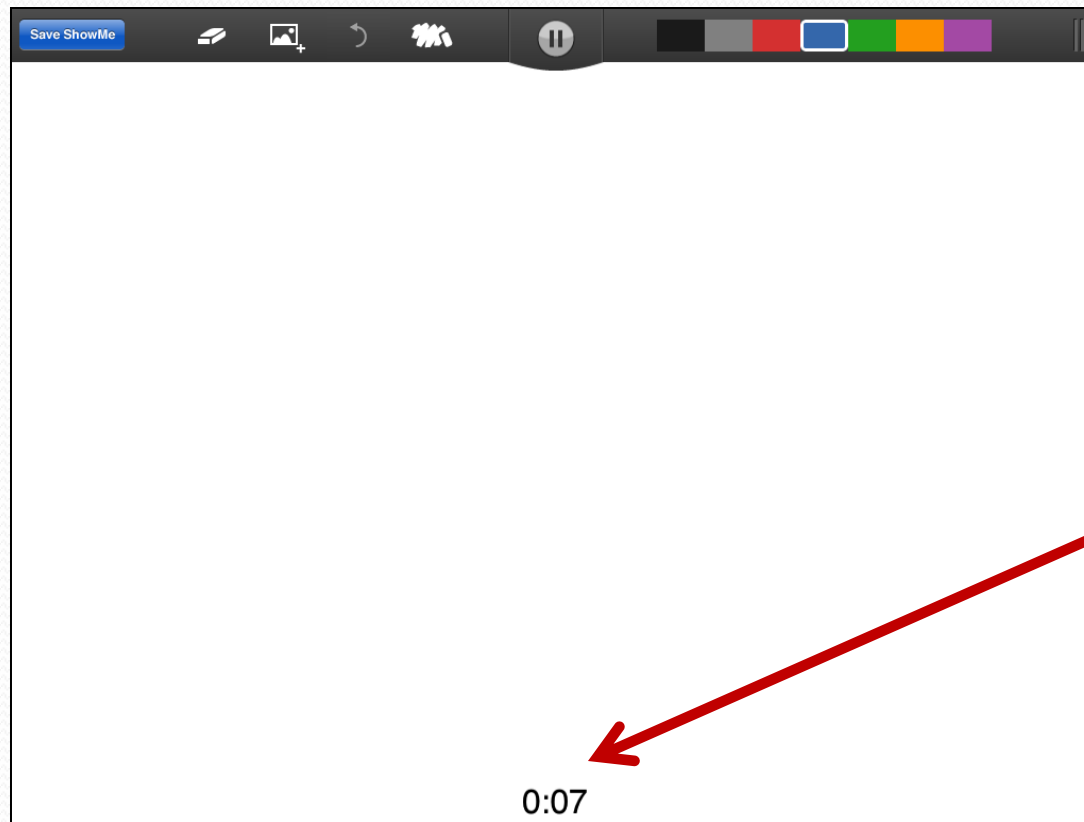
Begin Recording

- Click the red button to begin recording.

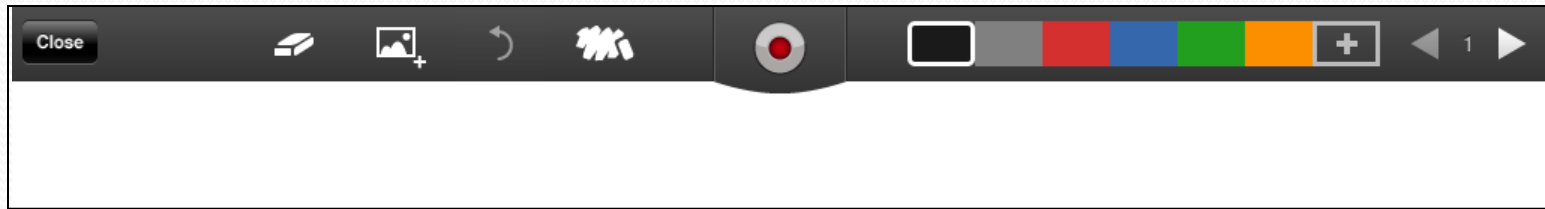


Watch Your Time

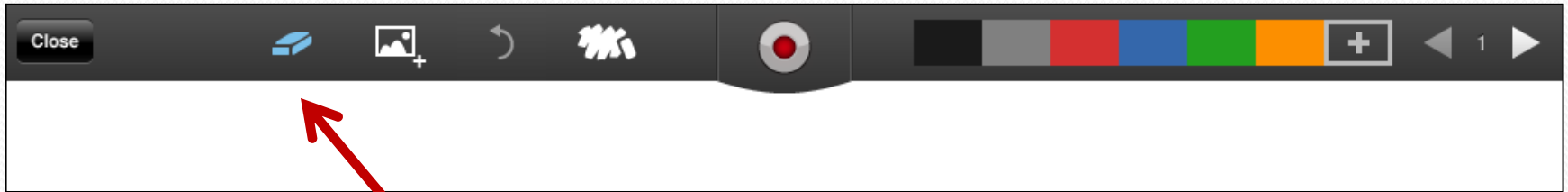
- The time shows at the bottom of the screen.



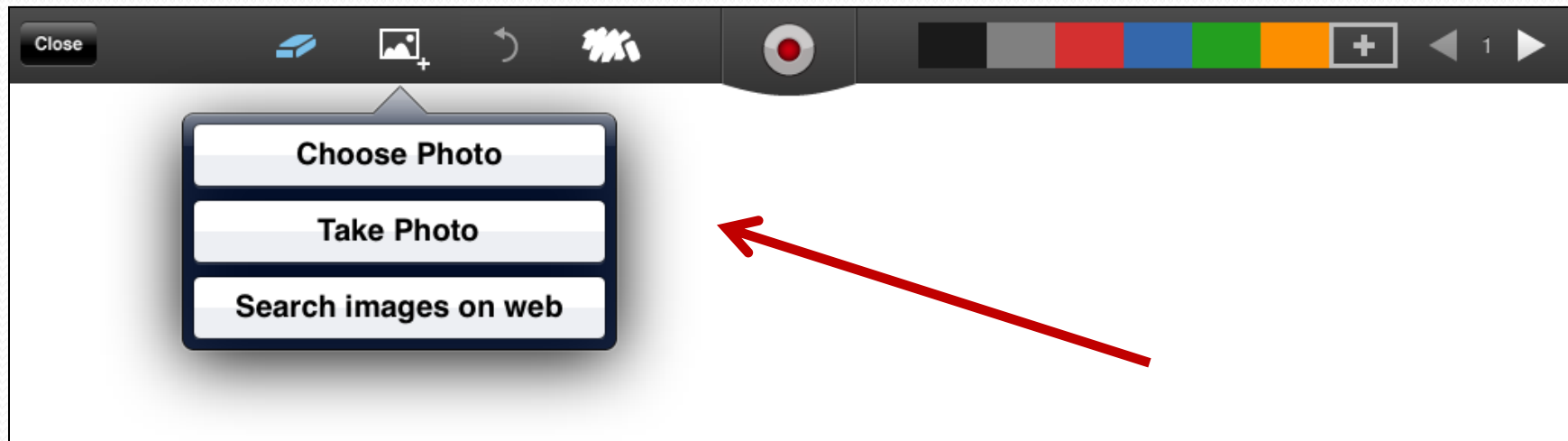
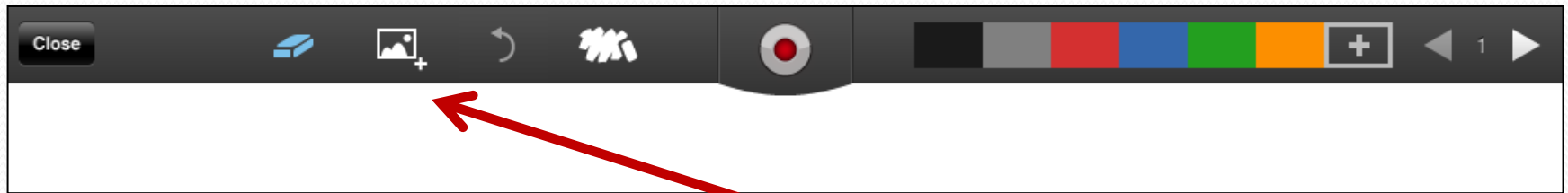
The ShowMe Toolbar



The (Chalkboard) Eraser



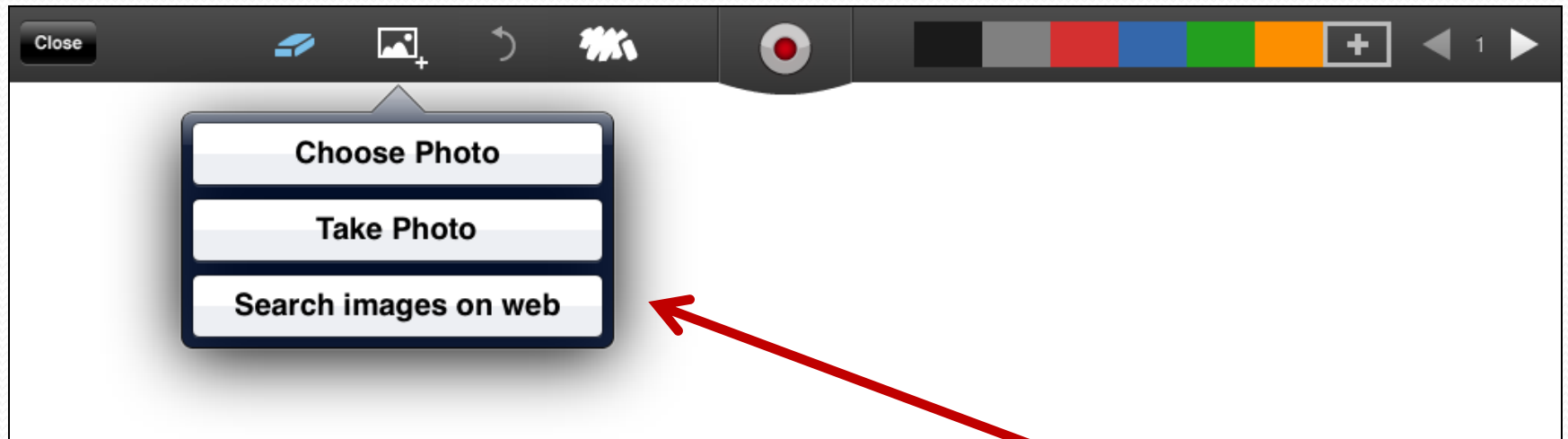
Insert Image



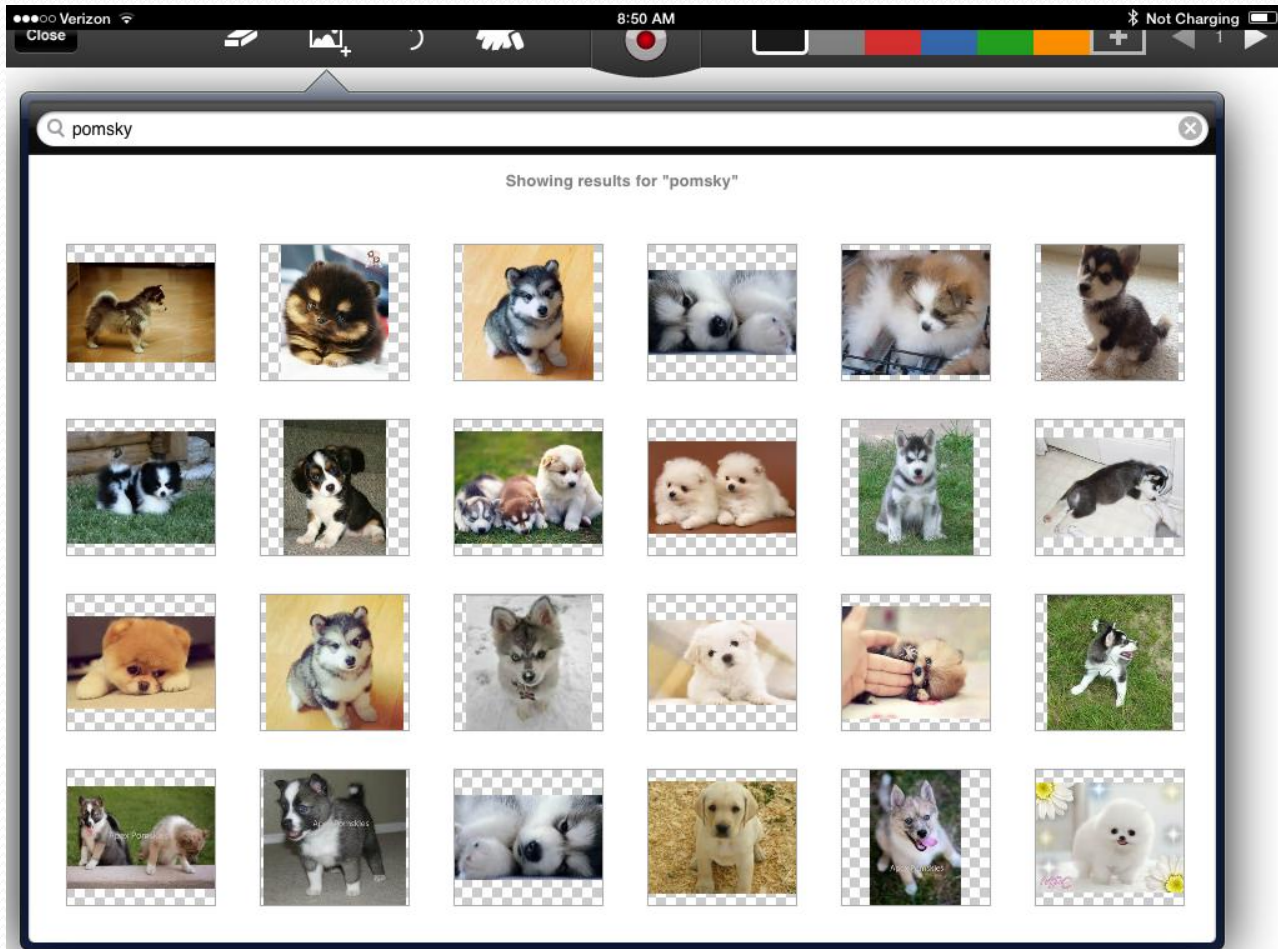
Choose Photo



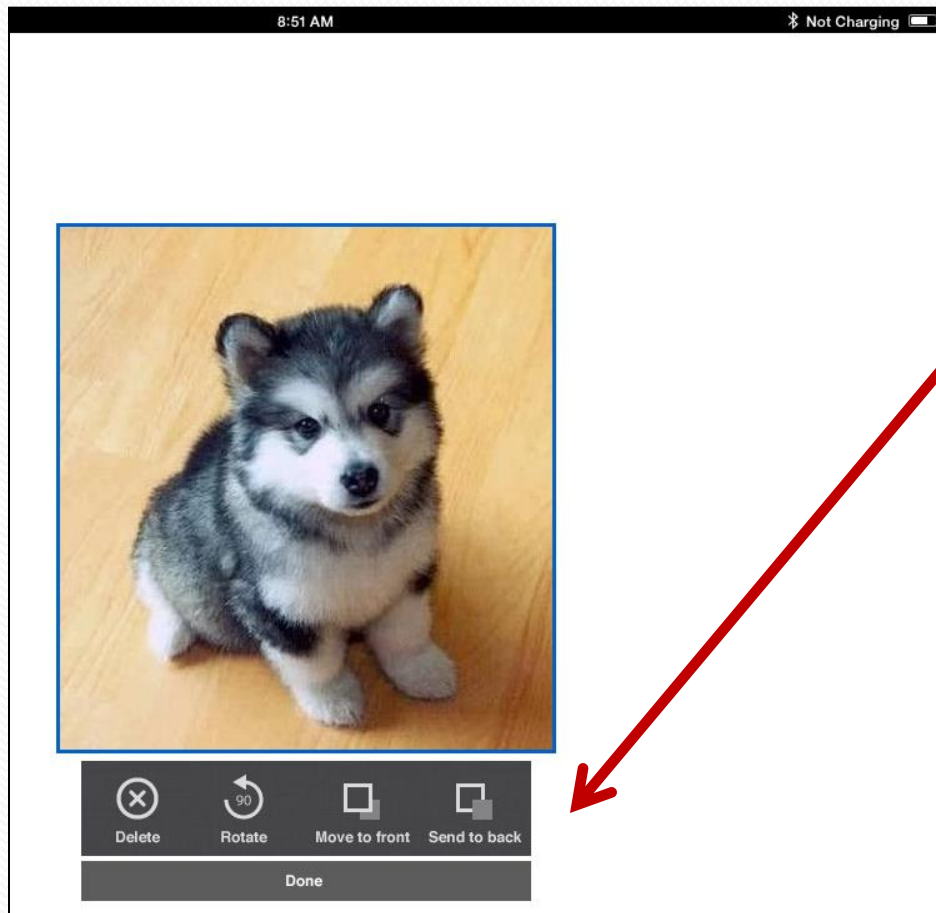
Insert Image



Search Images on the Web

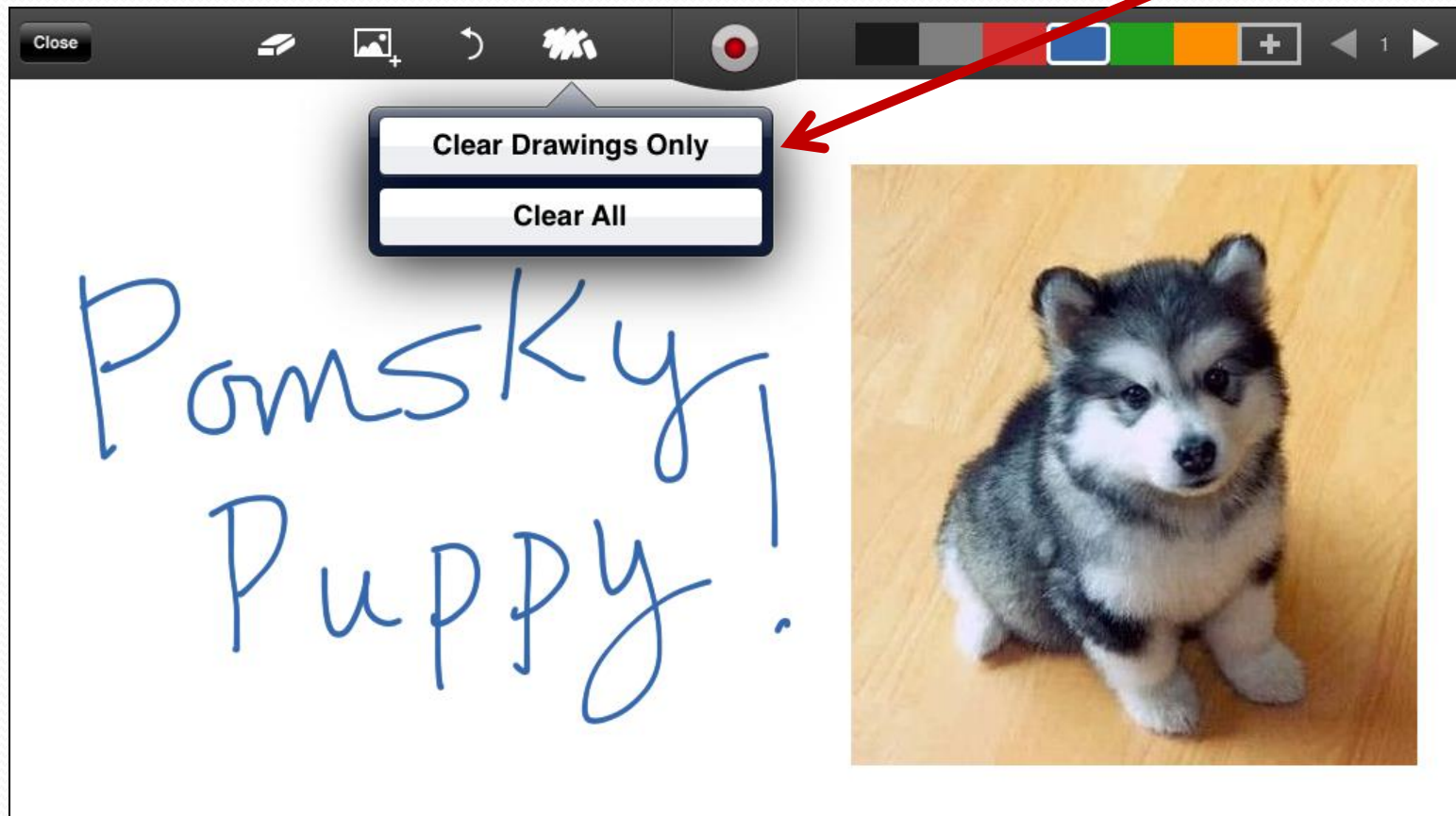


Tap to Choose an Image

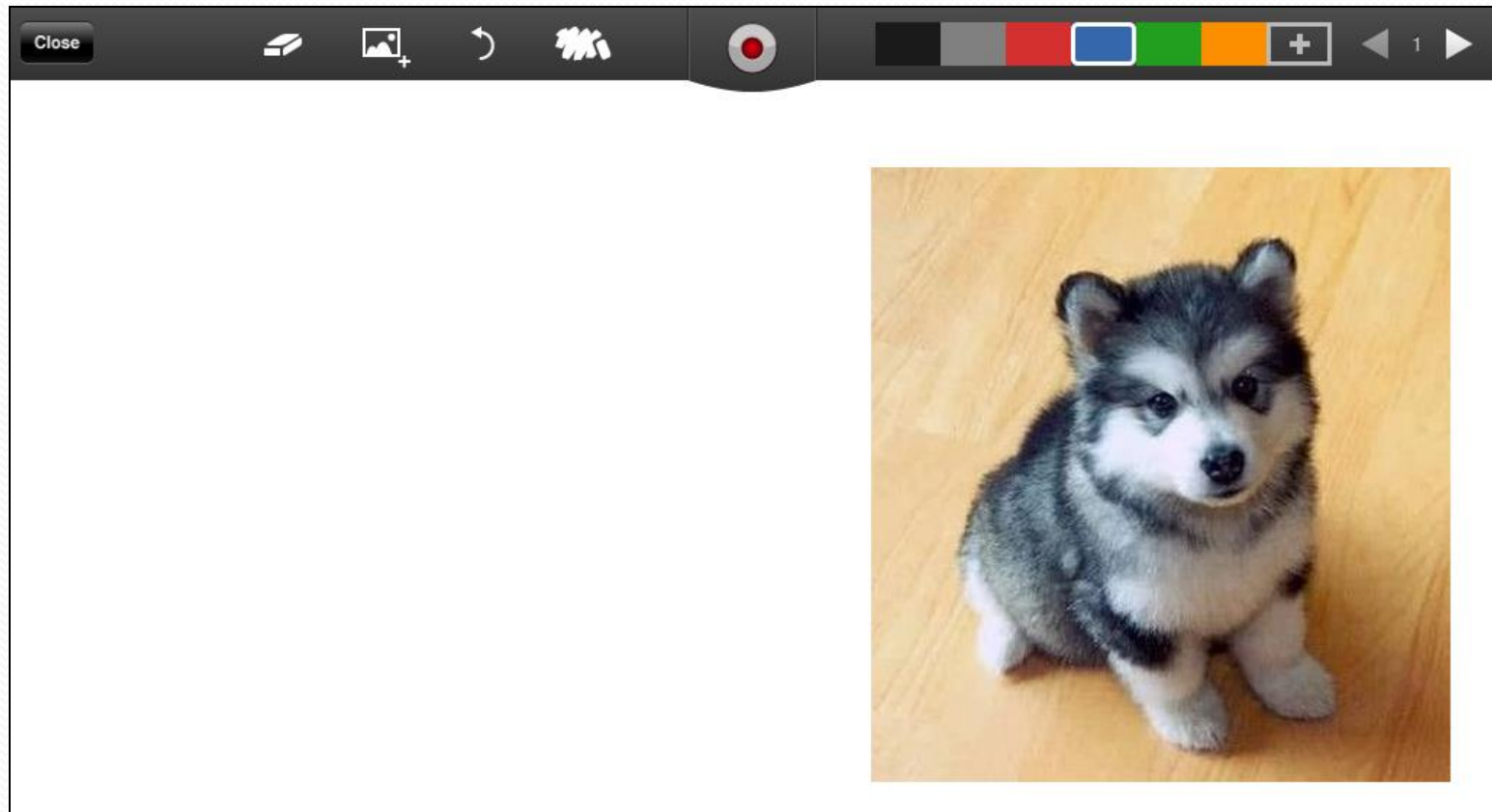


- Delete
- Rotate
- Bring to Front
- Send to Back
- Resize with your fingers

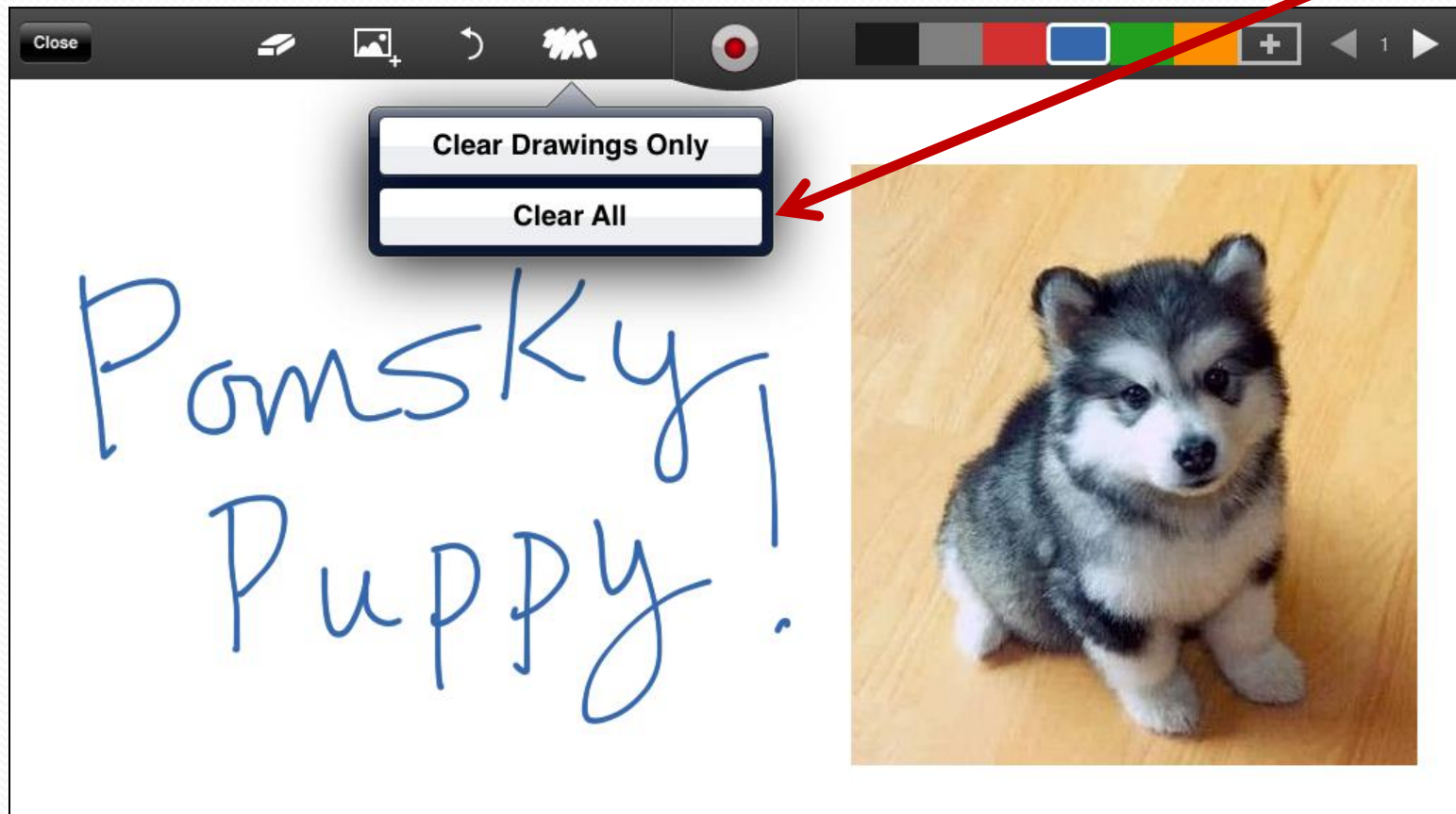
Auto-Erase



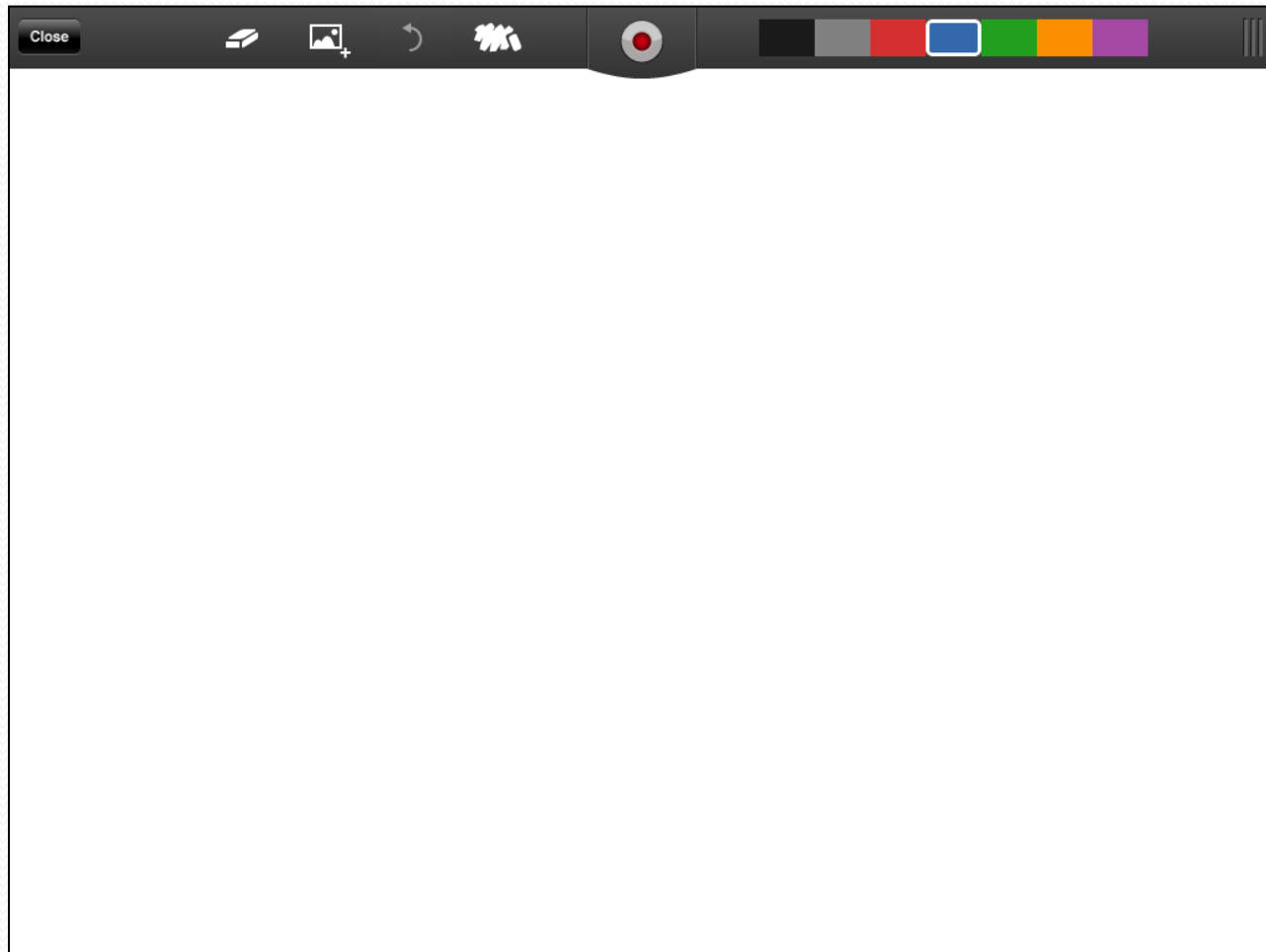
Clear Drawings Only



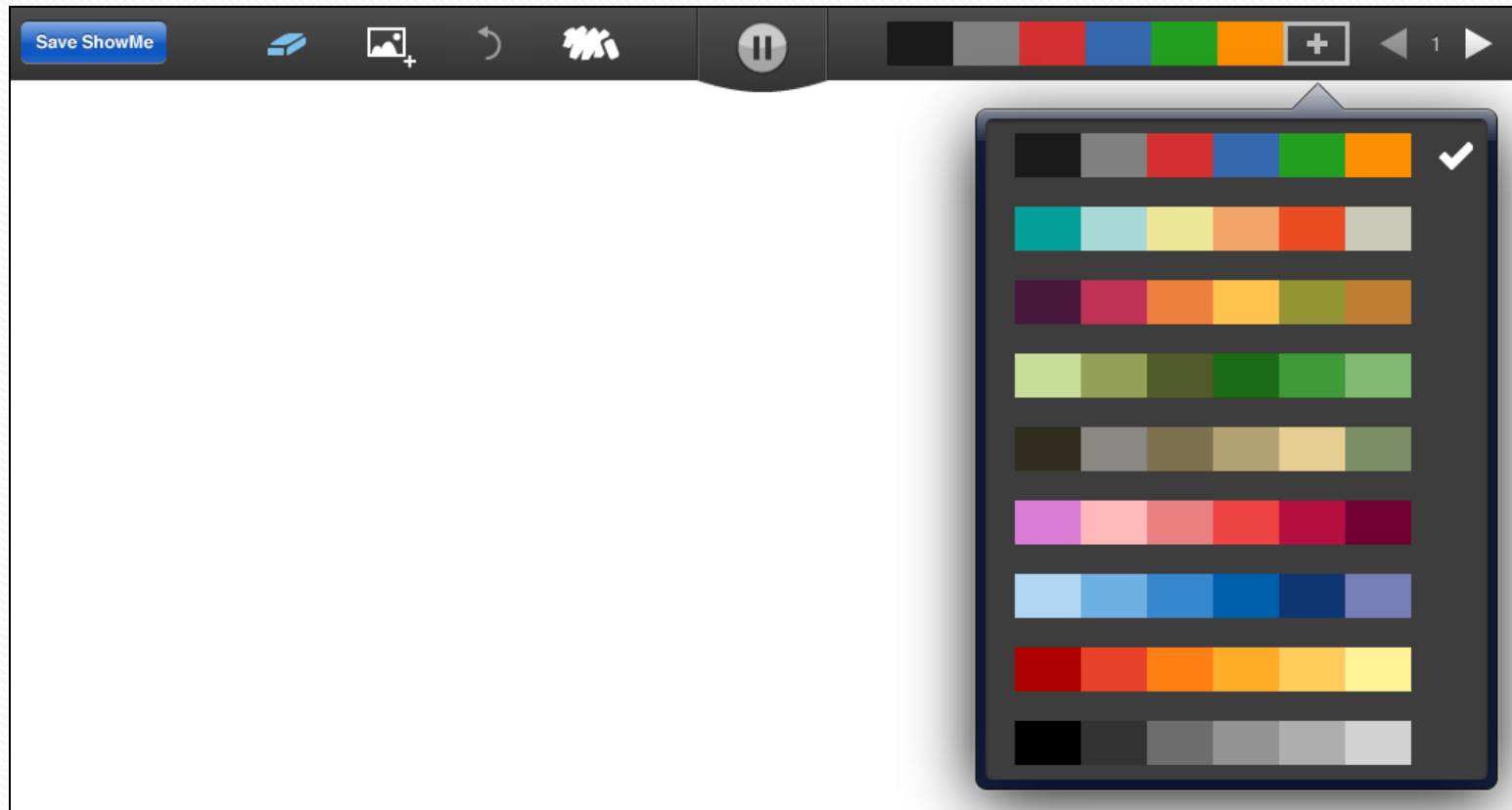
Auto-Erase



Clear All

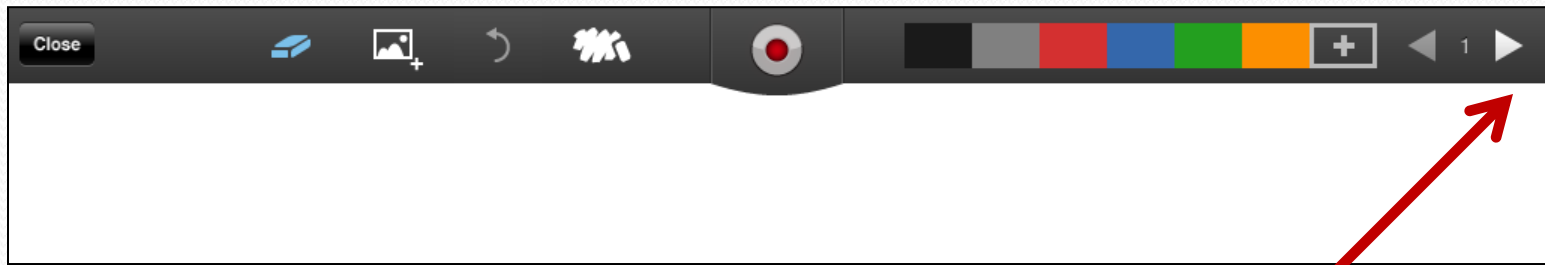


Ink Palettes



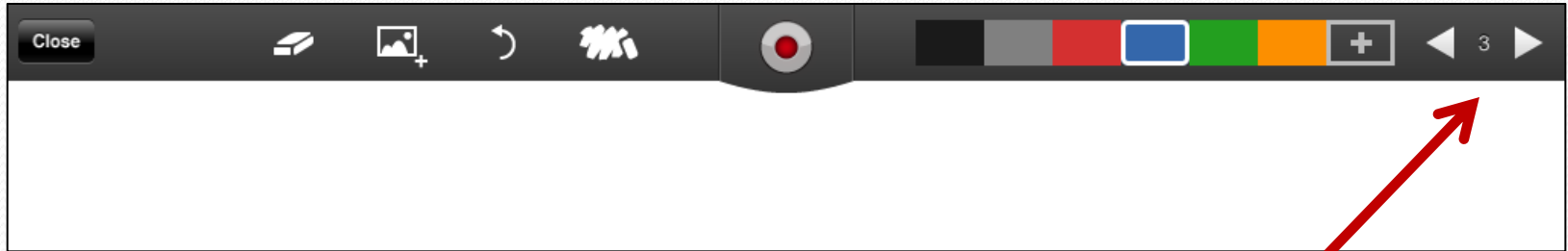
Insert Page

- Click the right arrow to insert a page.



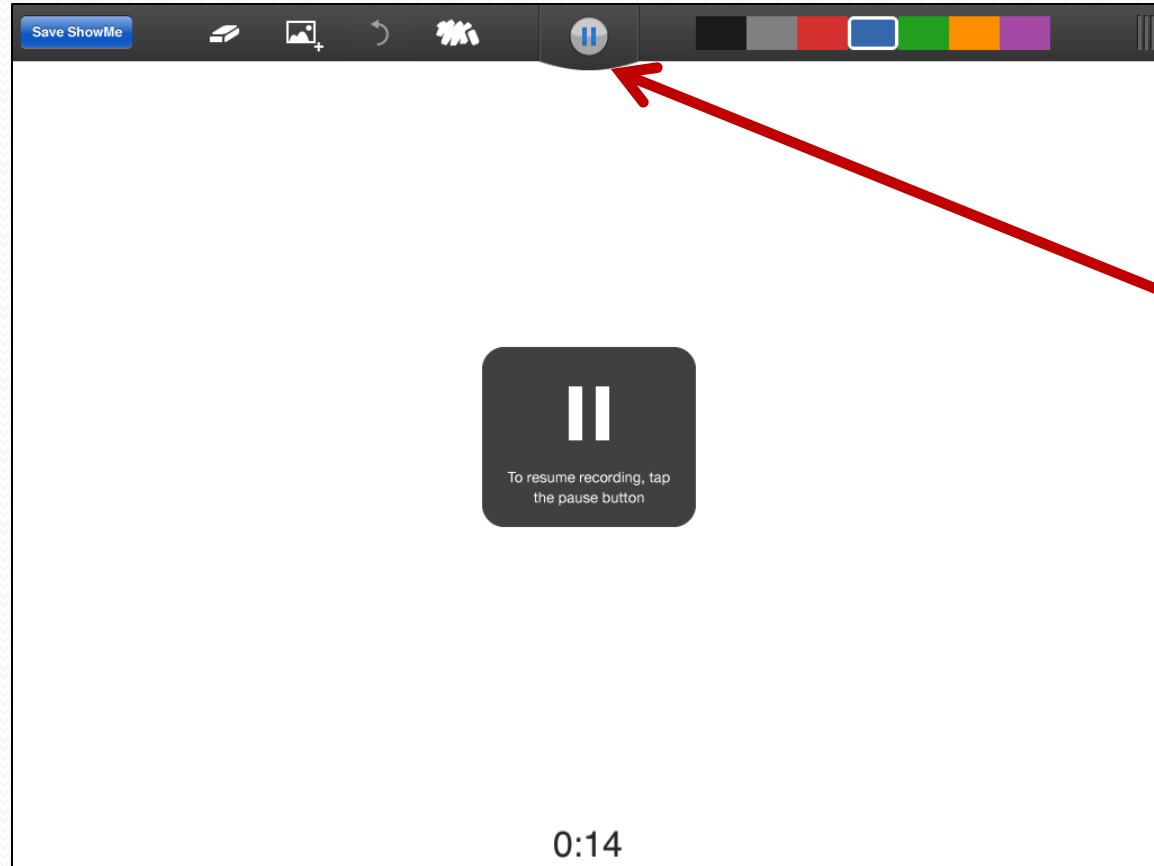
Navigate Pages

- Use the left and right arrows to move between pages.



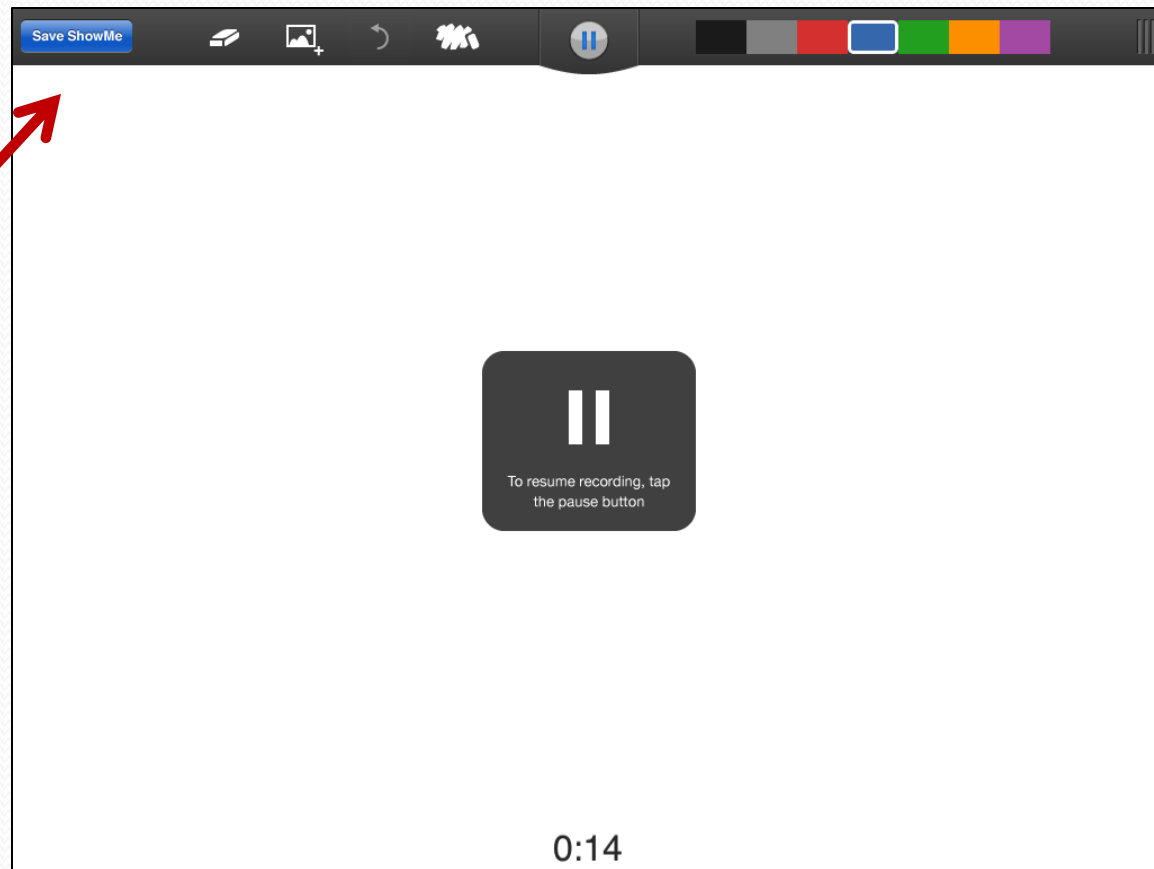
Pause/Record Toggle

- Click the button to pause. Click again to resume.



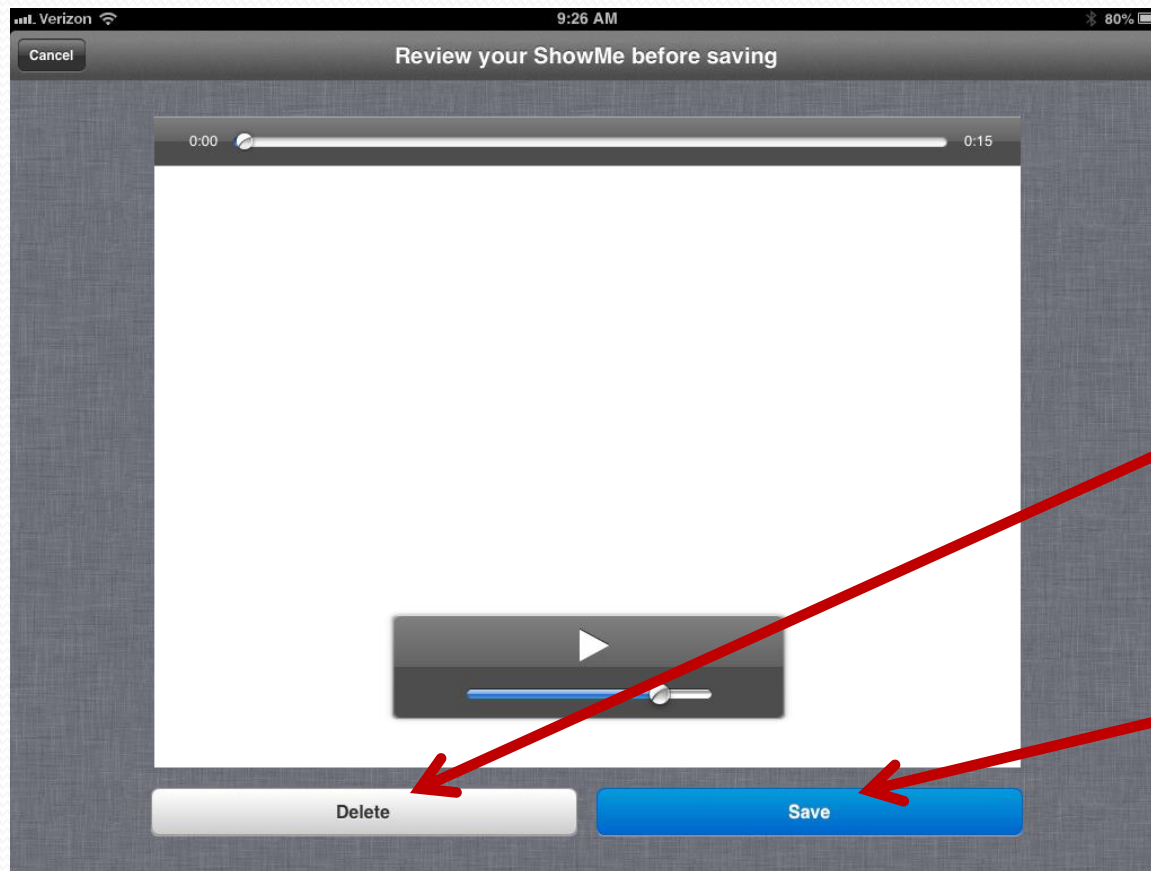
Save ShowMe

- When you are finished, click Save ShowMe.



Review Your ShowMe

- Your ShowMe automatically plays for your review.



- Click Delete to start again
- Click Save to keep it

Name Your ShowMe



The screenshot shows an iPhone screen with the status bar at the top displaying 'Verizon', signal strength, time '1:42 PM', and battery level '70%'. The app's title bar is 'Name your ShowMe' with a 'Cancel' button on the left. The main content area has a dark blue textured background. In the center, the text 'Name your ShowMe' is displayed above a text input field. The input field contains the placeholder text 'e.g. Basic cell structure'. To the right of the input field is a 'Next' button. Below the input field, there is a list of example topics: 'e.g. The major components inside a cell, and the functions of each.' A red arrow points from the bottom left towards the input field.

Cancel

Name your ShowMe

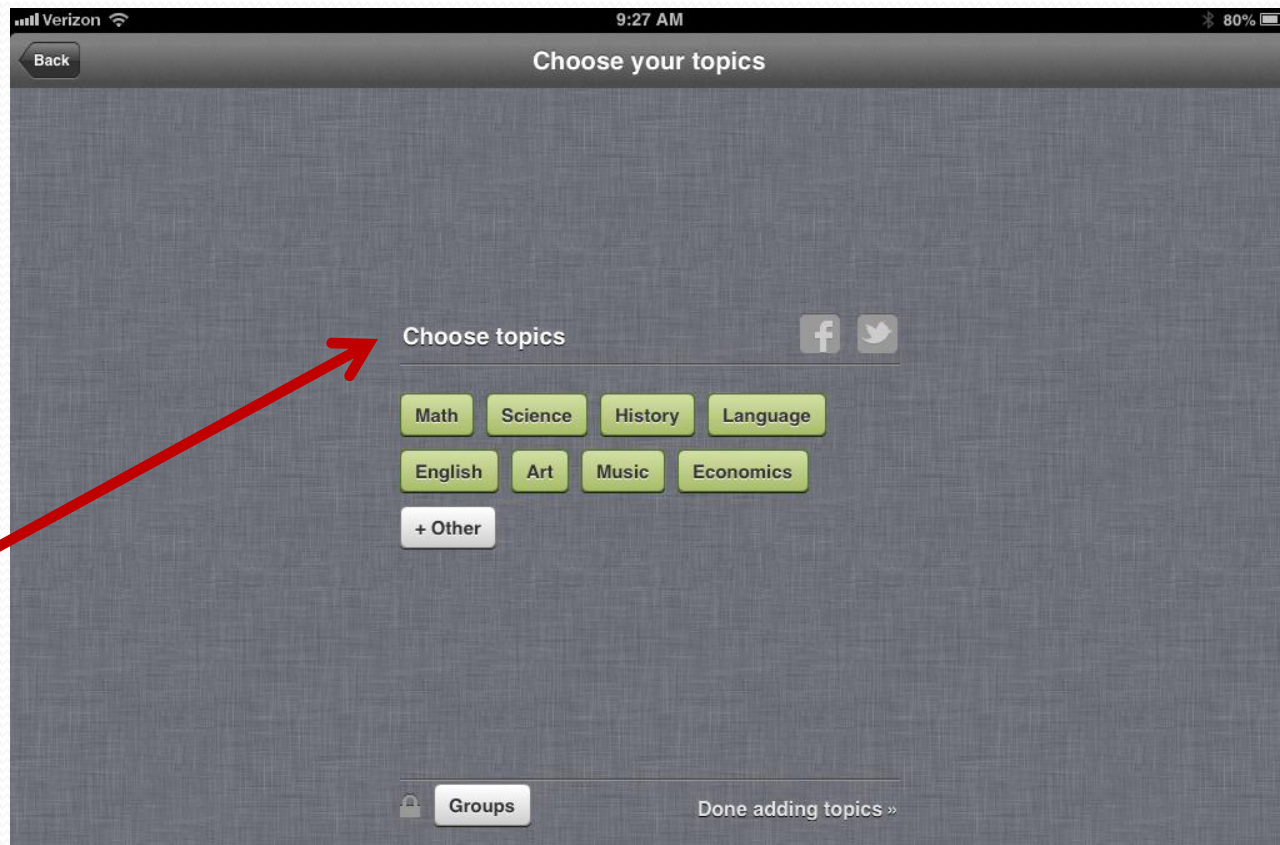
Name your ShowMe

e.g. Basic cell structure

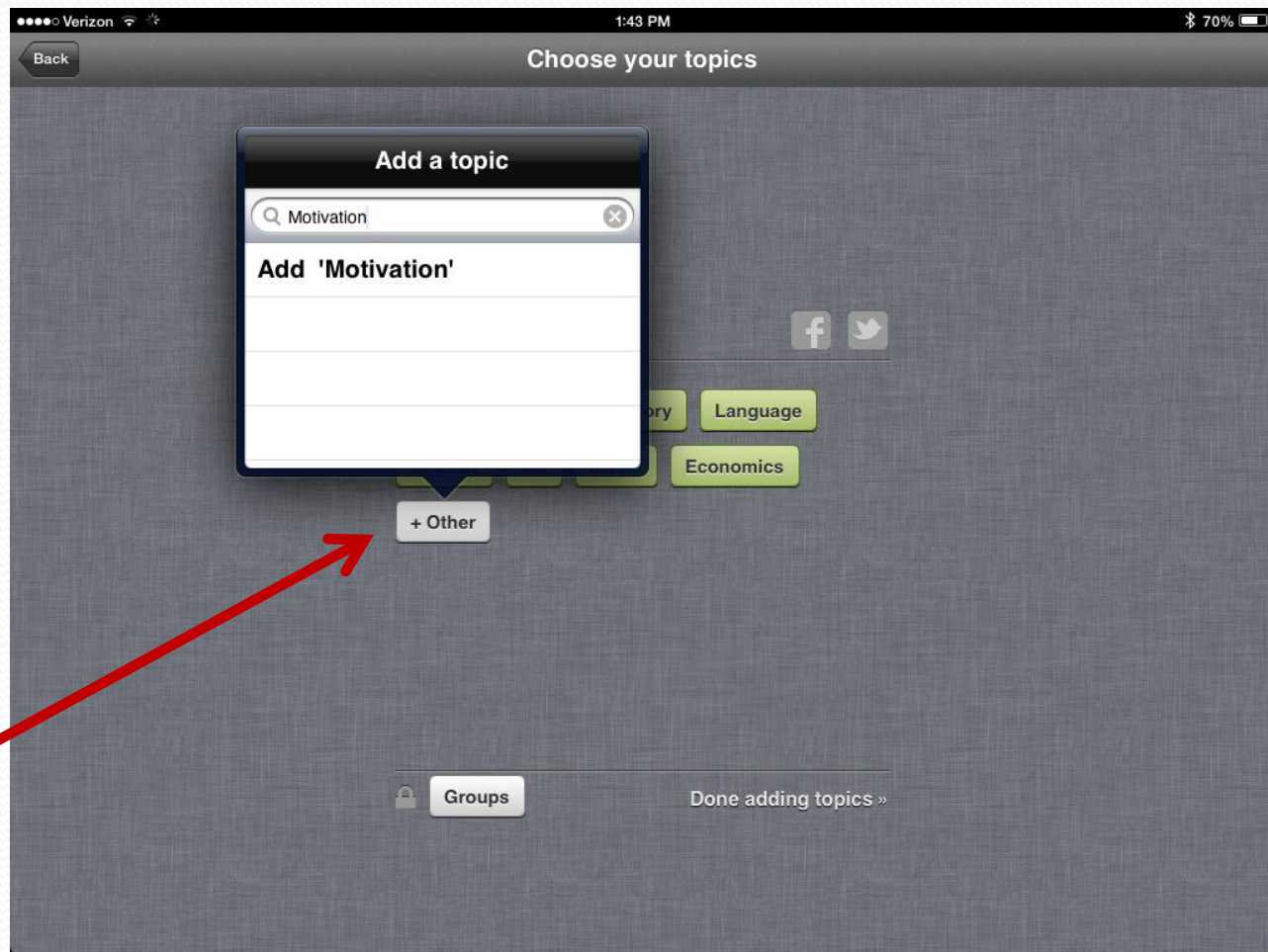
Next

e.g. The major components inside a cell, and the functions of each.

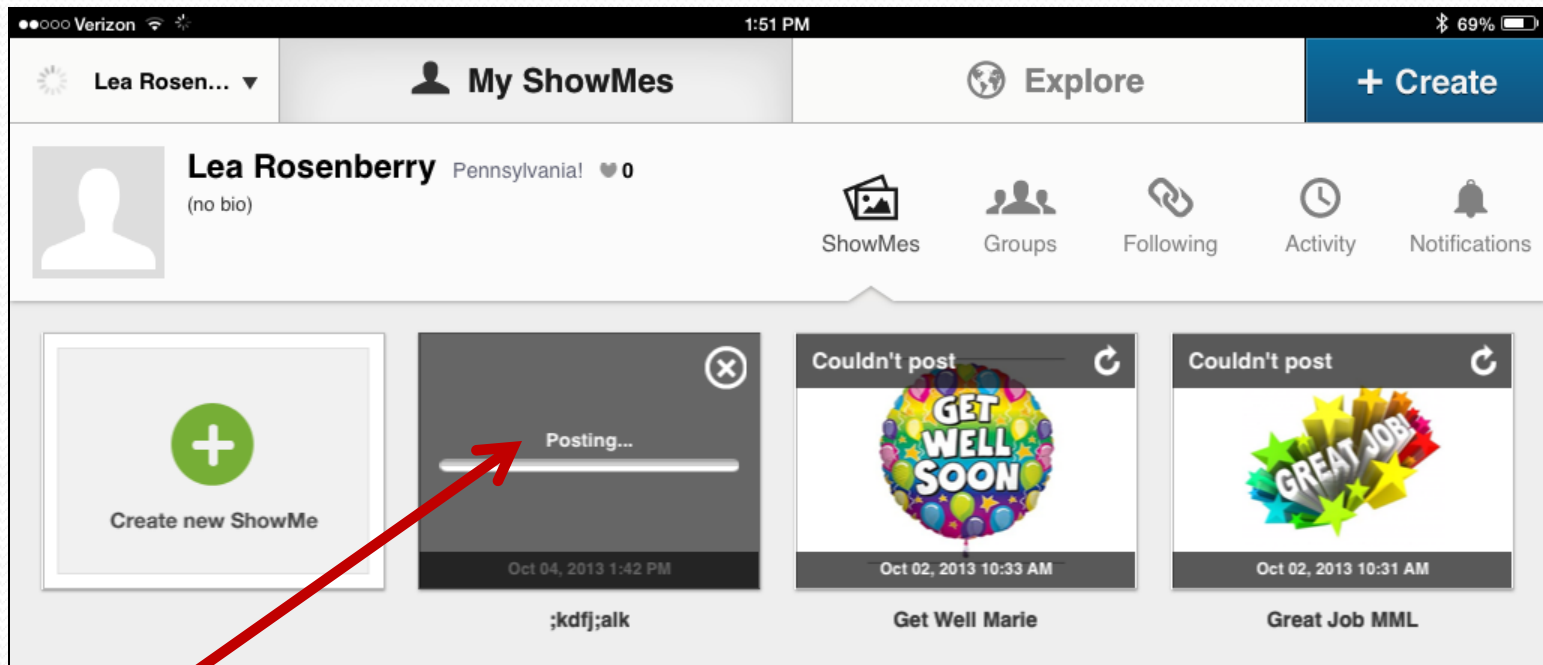
Choose Topics for Your ShowMe



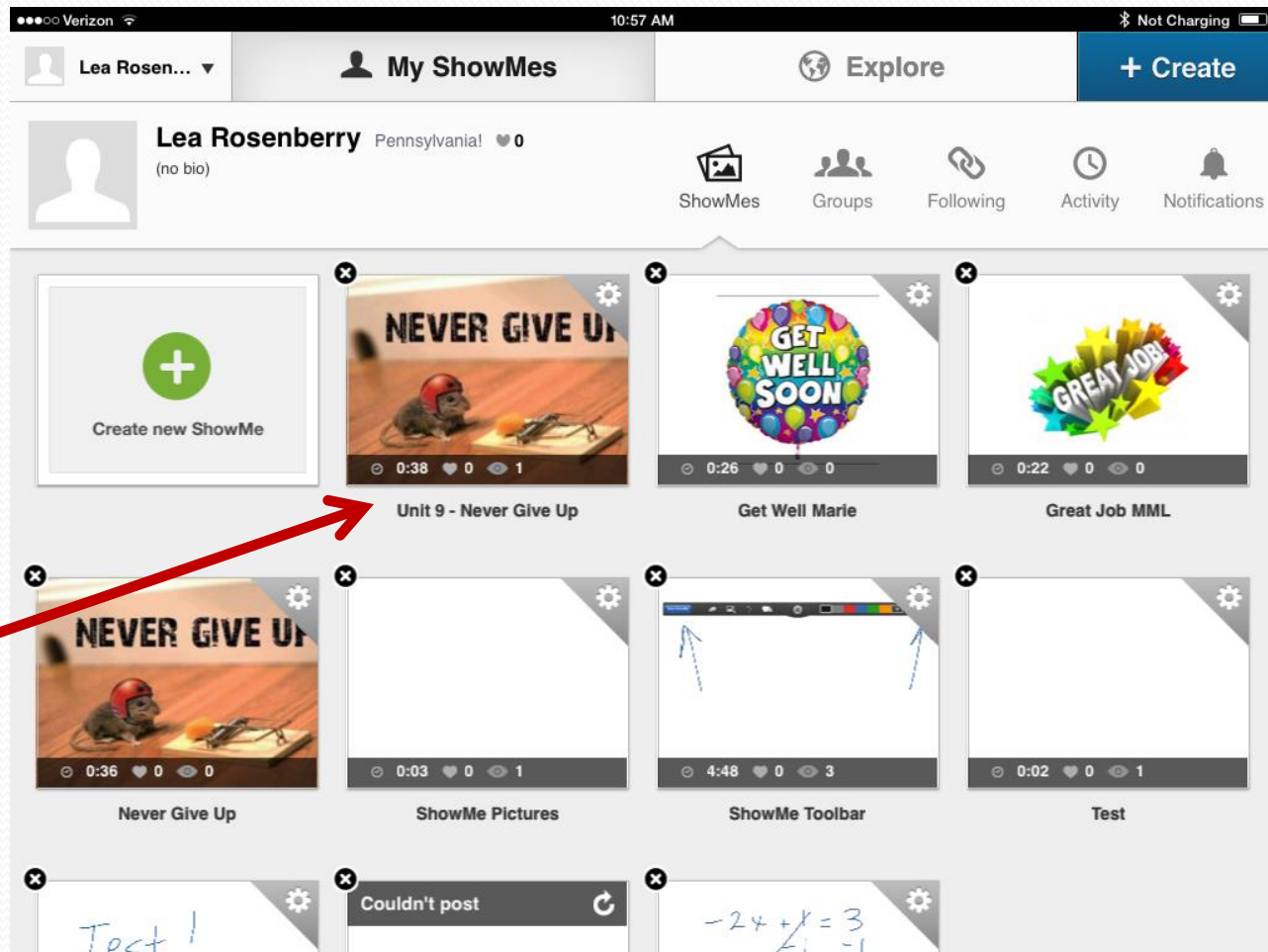
Click Other to Add Topics



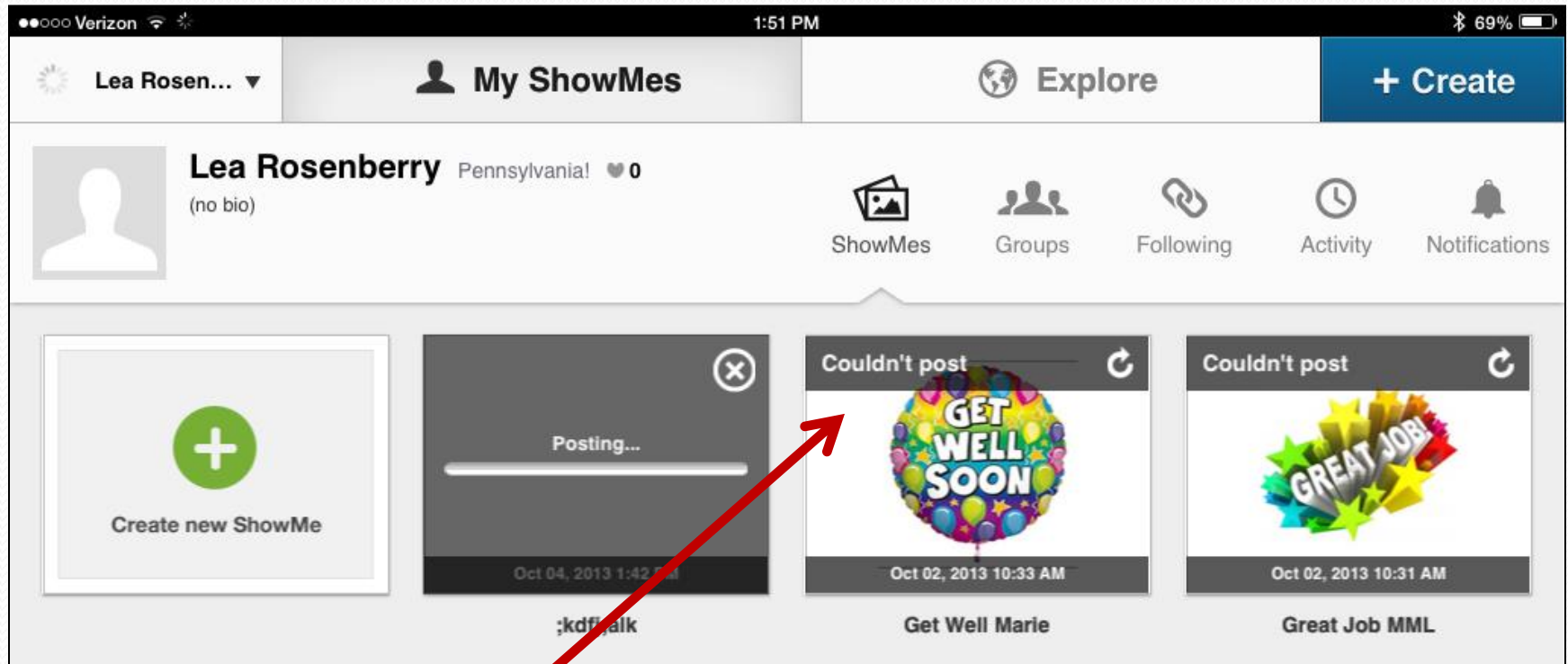
Posting



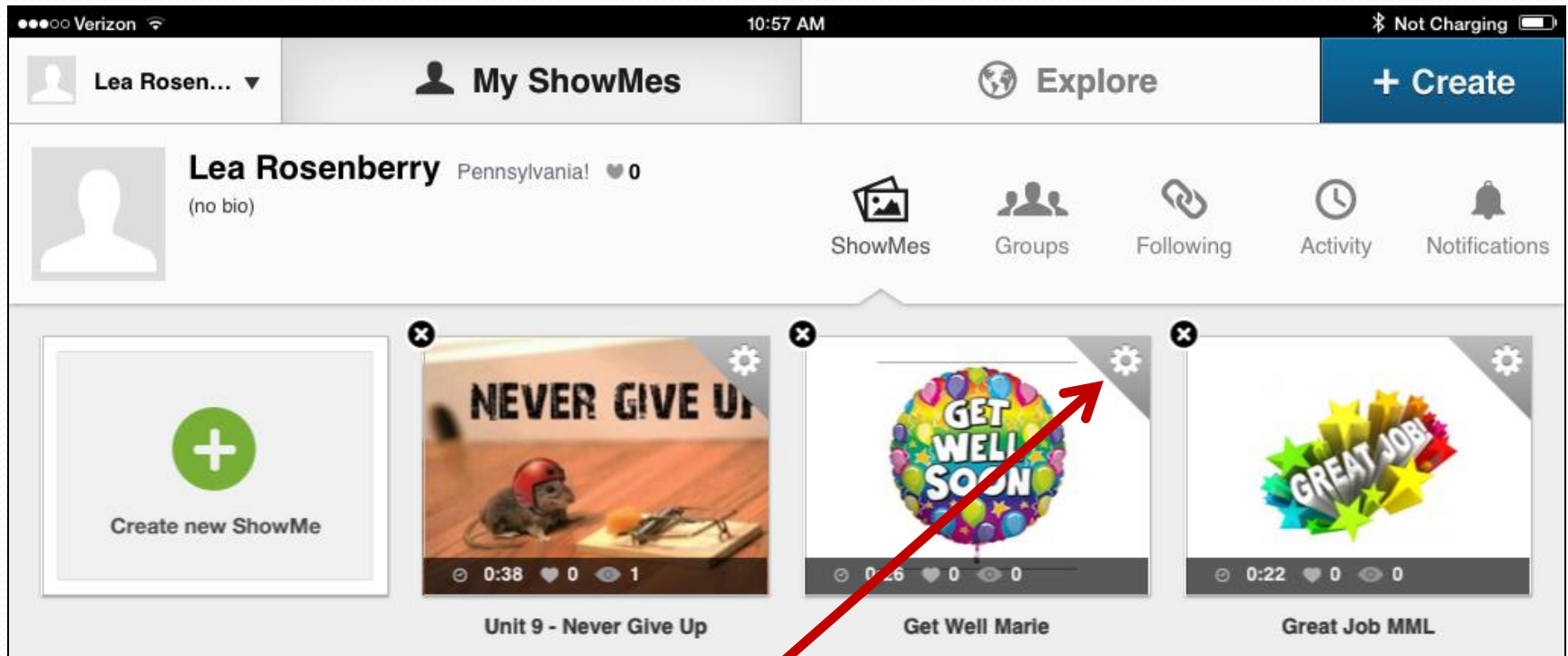
Uploaded and Ready



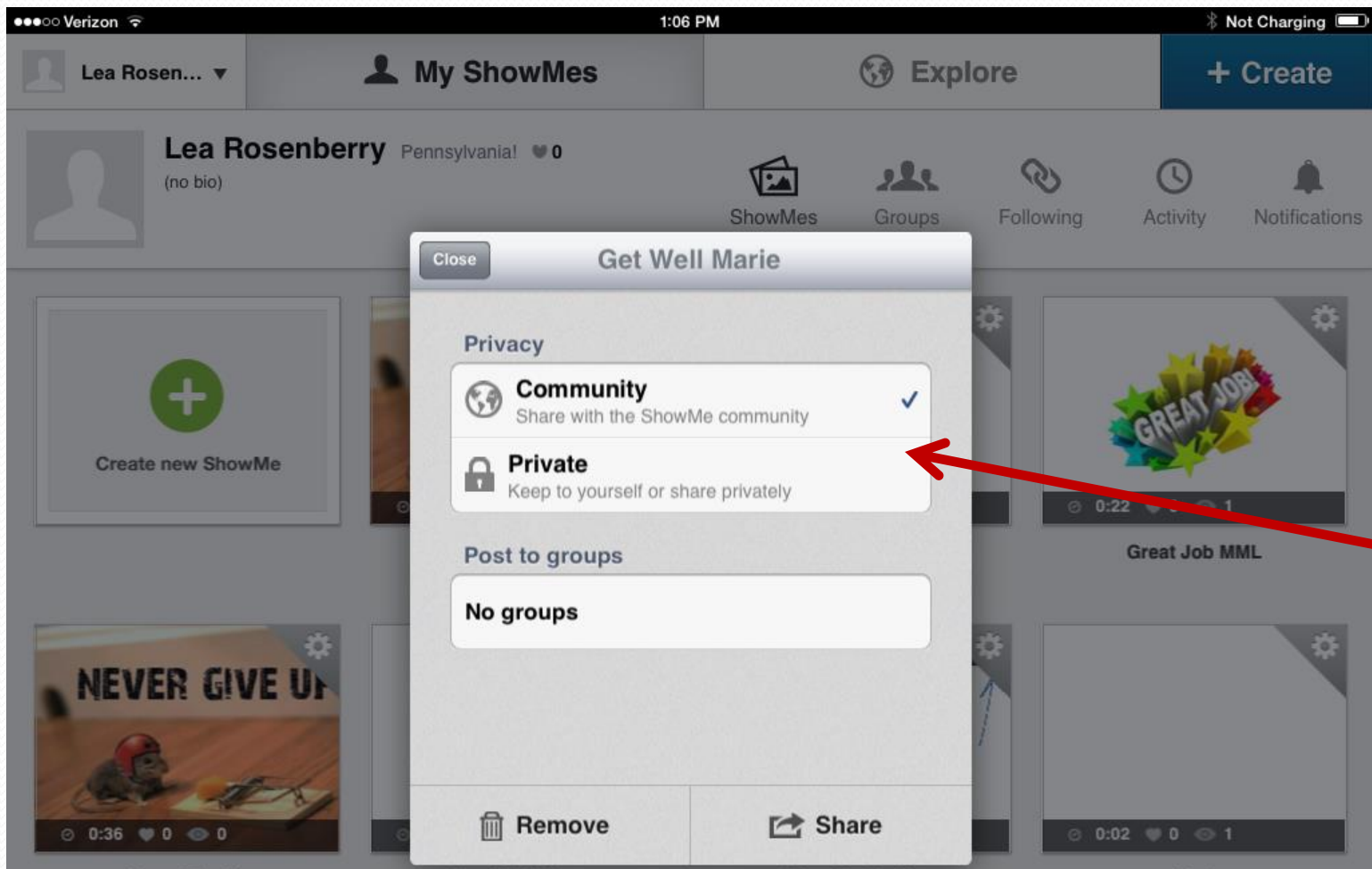
Couldn't Post Error



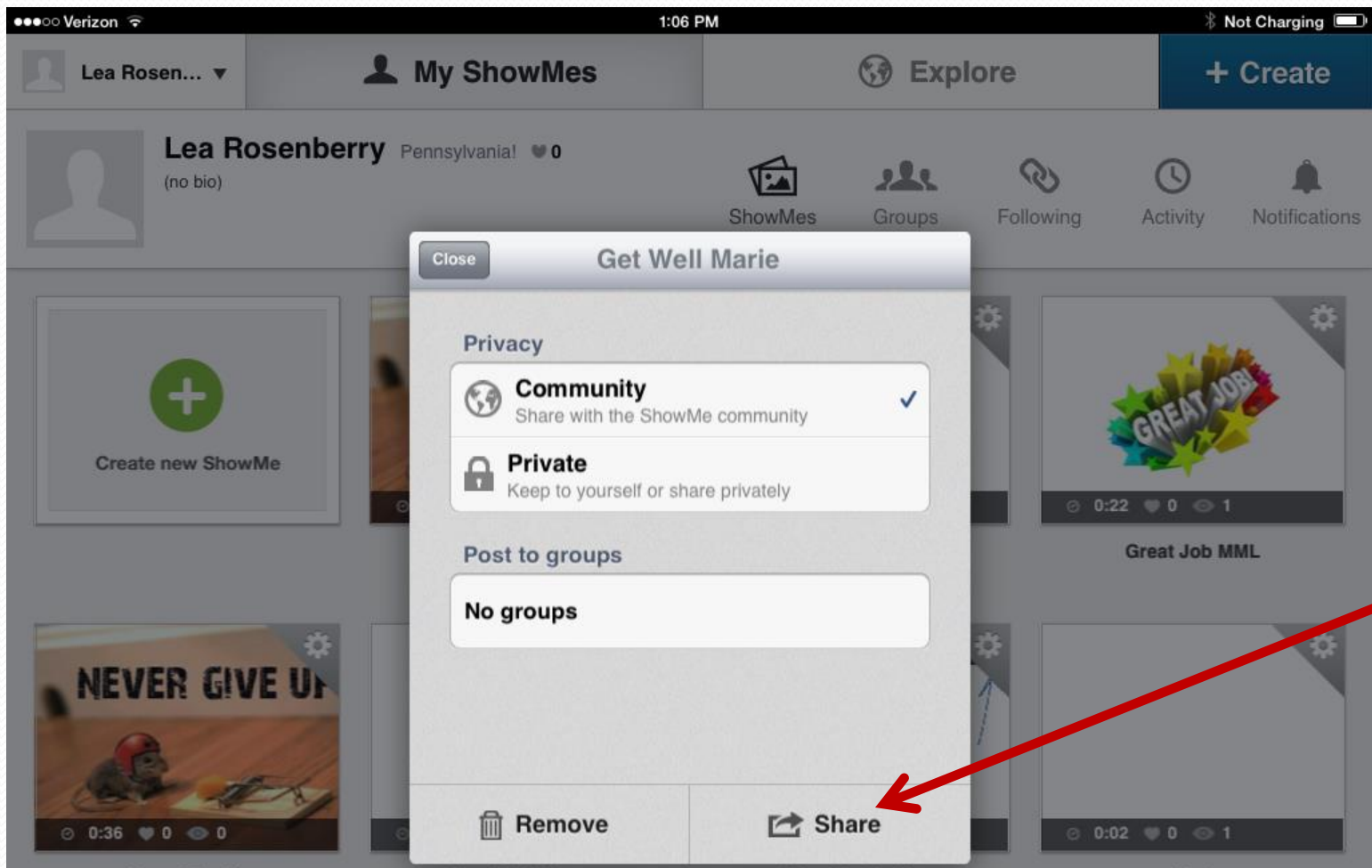
Settings



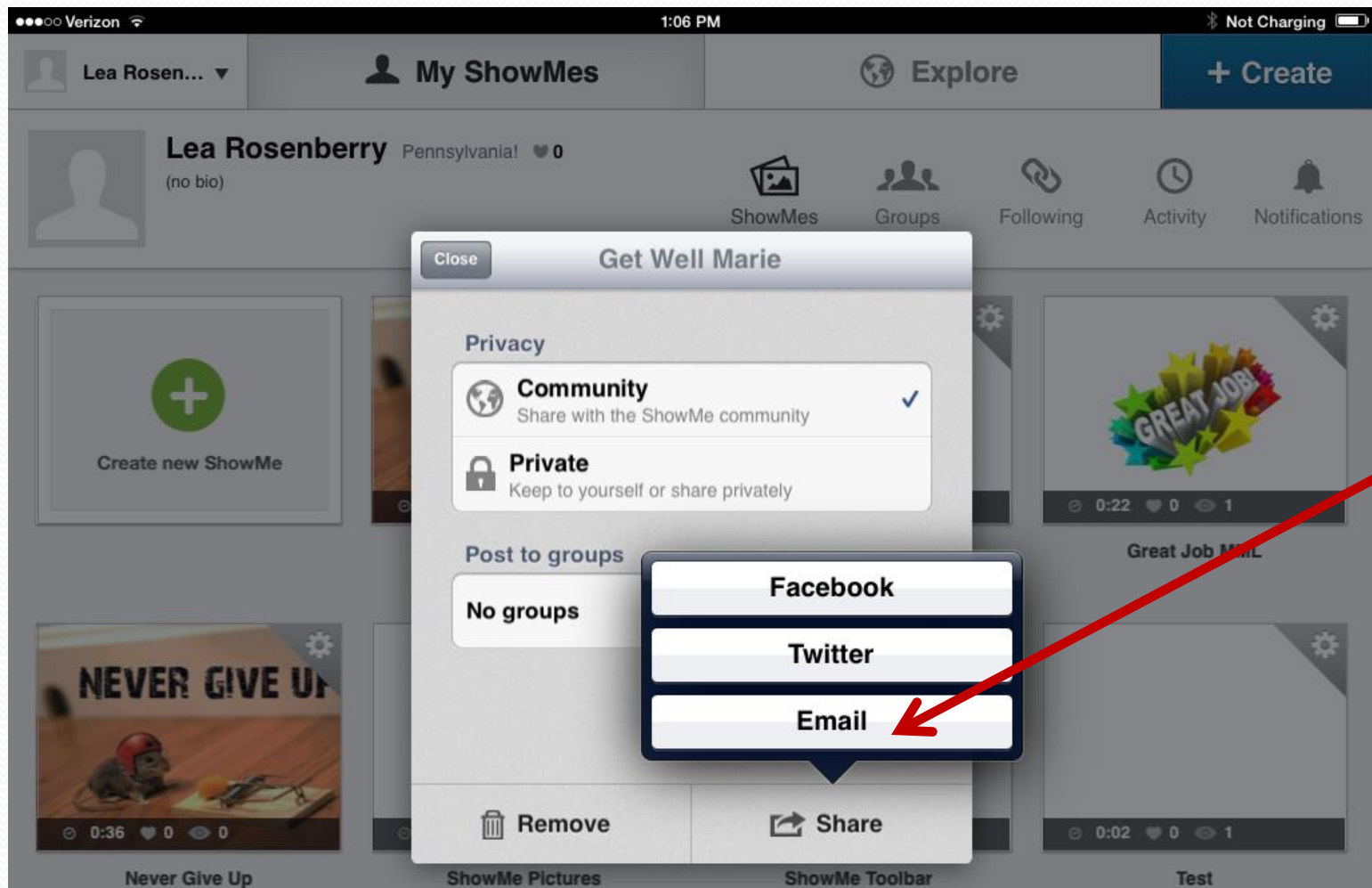
Privacy Settings



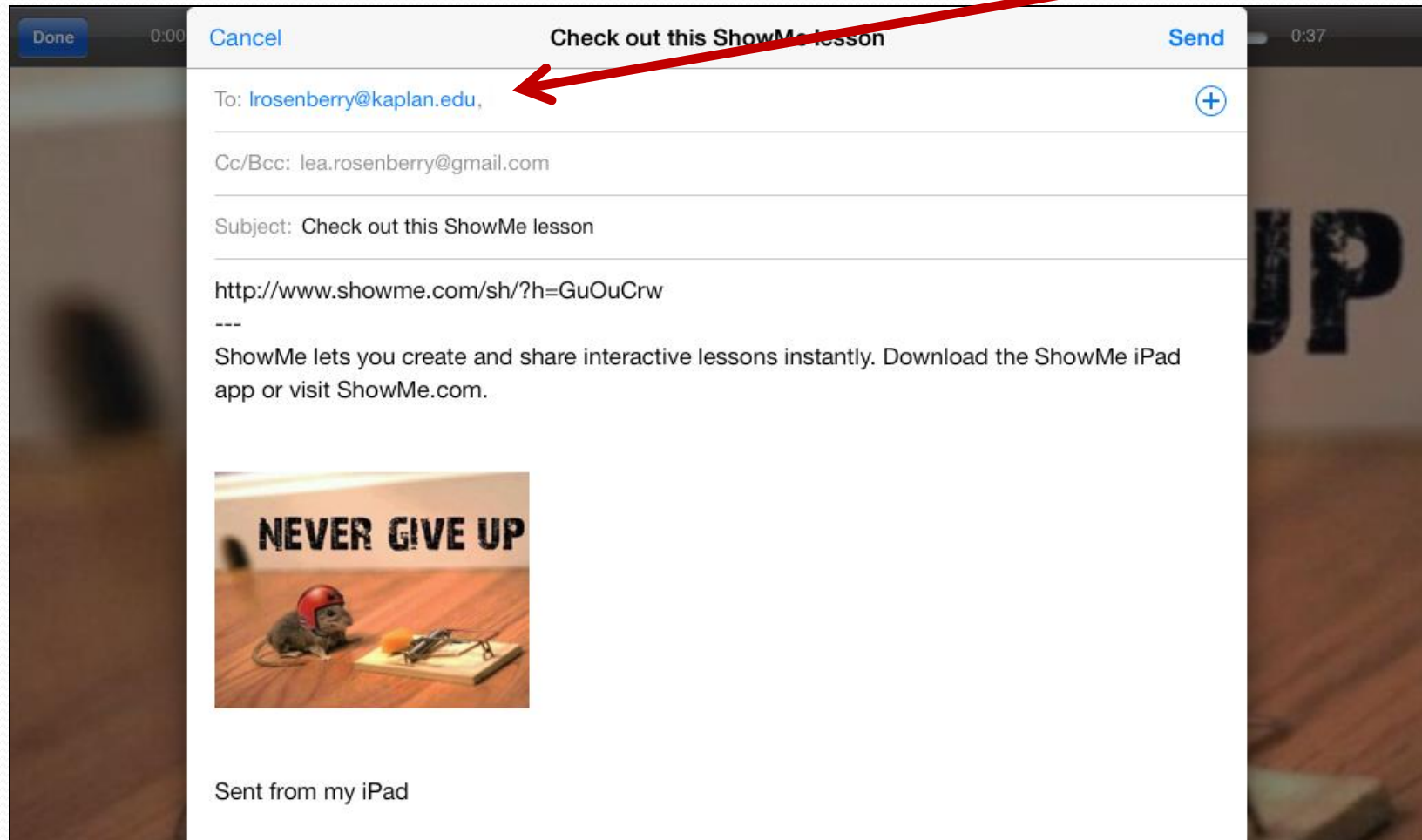
Share



Share



Email Your ShowMe



Best Practices

- Short, topic specific screencasts
- Ideal length is three minutes
- Handwritten vs. typewritten explanations
- Keep the screen active, but not too active
- Don't (always) strive for perfection
- Just try it!



How I Use ShowMe

- Answer students questions on the go
- Provide step-by-step examples
- Sending encouraging/motivating messages



Questions?

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Explore These ShowMe's

- Answer students questions on the go
 - <http://www.showme.com/sh/?h=zFE2MhE>
- Sending encouraging/motivating messages
 - Get well– <http://www.showme.com/sh/?h=9zxmFGK>
 - Never give up - <http://www.showme.com/sh/?h=zKqH4BE>
 - Great job - <http://www.showme.com/sh/?h=yojjTEo>

Resources

Chahine, I. C. (2013). The impact of using multiple modalities on students' acquisition of fractional knowledge: An international study in embodied mathematics across semiotic cultures. *The Journal of Mathematical Behavior*, 32(3), 434-449. doi:

<http://dx.doi.org/10.1016/j.jmathb.2013.04.004>

Kay, R., & Kletskin, I. (2012). Evaluating the use of problem-based video podcasts to teach mathematics in higher education. *Computers & Education*, 59(2), 619-627. doi:

<http://dx.doi.org/10.1016/j.compedu.2012.03.007>

Ruffini, M. (1, November 2012). *Screencasting to engage learning*. Retrieved from <http://www.educause.edu/ero/article/screencasting-engage-learning>

Strom, D. (22, September 2011). *Screencasting tips and best practices*. Retrieved from <http://readwrite.com/2011/09/22/screencasting-tips-and-best-pr>

Traphagan, T., Kucsera, J. V., & Kishi, K. (2010). Impact of class lecture webcasting on attendance and learning. *Educational Technology Research And Development*, (1), 19. doi:10.2307/40603137