

The Hybrid Classroom: Traditional + Flipped



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Flipped VS Traditional

Flipped

Teacher instructs lesson at home
(video / podcast / book/ website)

Students work in class.

- Deeper understanding of concepts, applications, and connections to content are made.
- Students receive support as needed.

Traditional

Teacher instructs

Students take notes

Students follow guided instruction

Teacher gives assessment

Students have homework

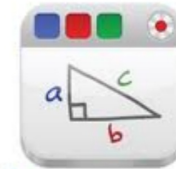
The Past

How it all began

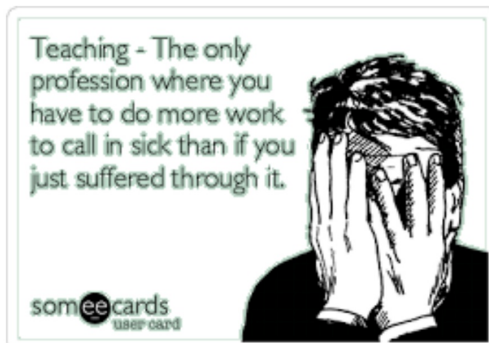


$$A^{-1} = \begin{bmatrix} a & b \\ c & d \end{bmatrix} = \frac{1}{ad - bc} \begin{bmatrix} d & -b \\ -c & a \end{bmatrix}$$

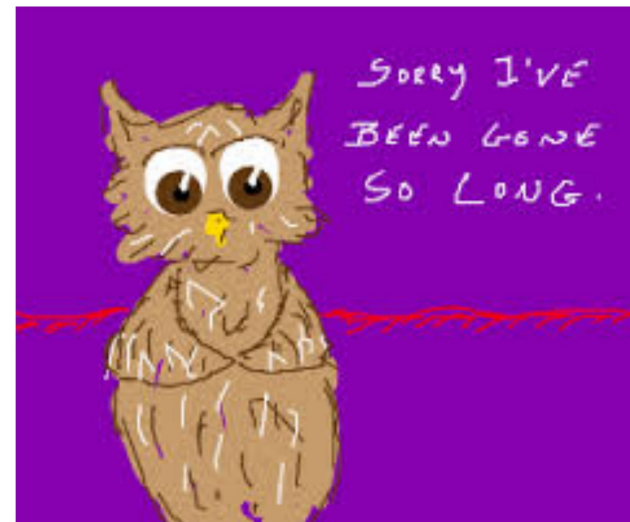




edcreations



"I find they behave better if, instead of a substitute, I tell them it's me from an alternate reality."





The Past

- *Khan Academy
- *iPad
- *Educreations
- *Sub videos
- *Extended absence
- *Articles
- *Algebra 2

How was it received? Did it work?

The Present

- *Computer Lab-Mastery Review
- *Quiz and Test Reviews
- *Sub Videos



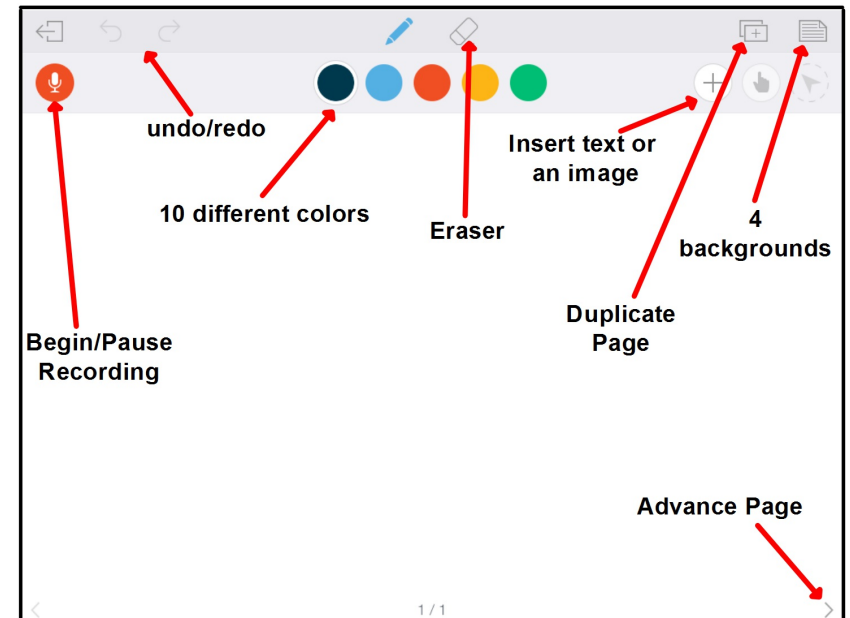
How is it received? Does it work?

The Future

What's Next?

- *1:1
- *Prior knowledge
- *Partially flip General Math

Inside the Educreations App



Overall Questions:

What is the best use of your face-to-face class time?

What is one lesson that you teach that is perfect for flipping?

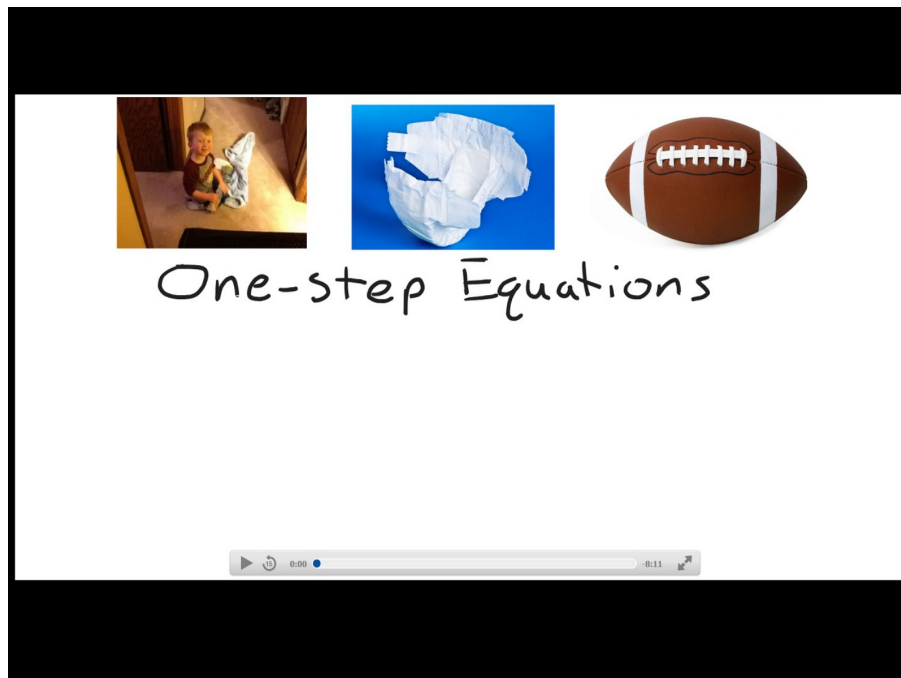
As you start flipping, who will you work with?

Are you willing to give up some of the control of your classroom to your students?
This is a scary thing for many teachers who like control.

If you flip, WHAT will you do in your class now that you are not lecturing?

Do you need additional resources since you will now have more time to do in-class higher order thinking and problem solving as a result of the extra time?

How will you rearrange your room as you consider flipping your classroom?



To what extent will you create vs. curate your videos?

Will you completely flip your class, or just do selected lessons?

How will you learn more about flipped learning (books, the web)?

How much time do you have to commit to flipping your classroom?

How will your students access your videos? Do you have any students who will need to access the videos when NOT connected to the internet?

If you teach multiple classes: Which class will you flip first?

Classroom Questions:

How will you monitor if the students watched the video?

How will you grade their watching of the videos?

How will you build in interactivity into your video lessons? (Notes on paper? A question? Something else?)

What are you going to do when a student doesn't watch your video?

How will you change your assessment as a result of flipping your class?

How will you communicate what you are doing with your administration?

How will you communicate what you are doing with your students?

How will you communicate what you are doing with your parents?

Apps



Websites

www.educreations.com

www.weebly.com

www.khanacademy.org