## GOT GAFE?

Using Free Google Apps for Education to Increase Students' Understanding

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## HAVE YOU EVER MADE A GOOGLE FORM BEFORE?

- Yes, I'm a Form Master
- Yes, I've made a few but I'm not that great at it.
- Never! What's a Google Form?

## DO YOU CURRENTLY USE GOOGLE CLASSROOM?

- Yes, I use it all the time. Let me show you a thing or two.
- Yes, I set it up once but never looked at it again.
- Google has a classroom?

# DO YOUR STUDENTS HAVE ACCESS TO DEVICES TO USE IN THE CLASSROOM? (IPADS, CHROMEBOOKS, CELL PHONES, ...)

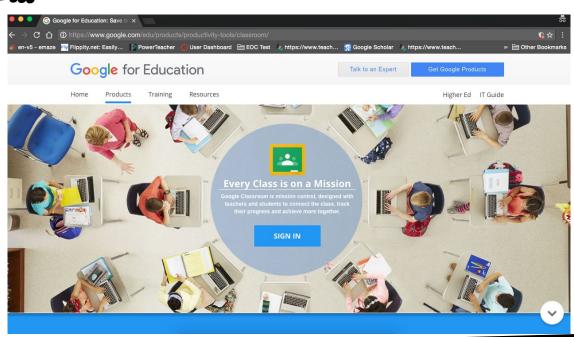
- Yes, we are 1 to 1. Students have them to take with them.
- Yes, I have a classroom set.
- No. I hate you right now and everyone else who selected one of the above answers.

## GOOGLE CLASSROOM

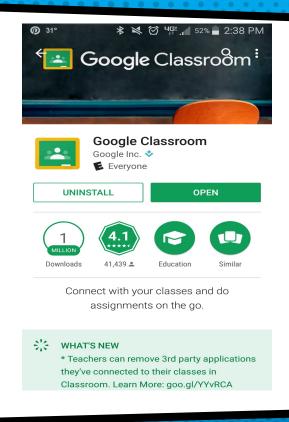


Click the icon for a YouTube video on how to setup your own class.

### ONLINE...



## ON YOUR PHONE...





Join as a **TEACHER!!** 

If your are already a user, click + to join new

Access Code: rs20kh

https://classroom.google.com

## WHAT CAN CLASSROOM DO FOR YOU?

- Share Drive Files to and from Students
- Integrates with other programs
- × Discussion board
- Can serve as class website
- × Reuseable

- Keeps everything in one place
  - × Announcements
  - Assignments
  - Due Date (syncs with Google Calendar)

## HOW COULD YOU USE GOOGLE CLASSROOM?



### WHAT YOU GET ...

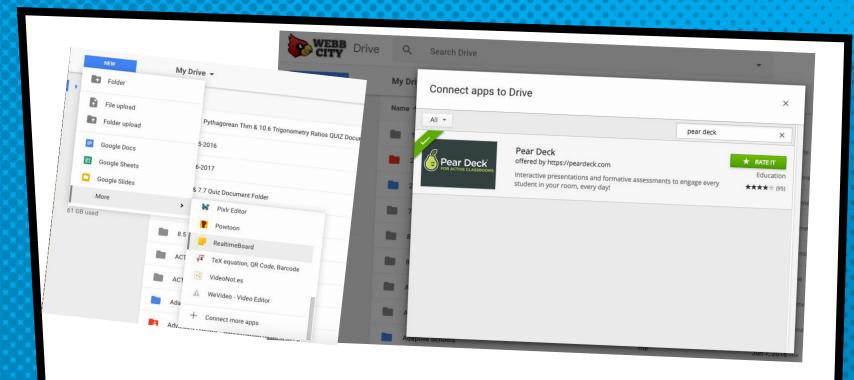
#### FREE

- × Multiple Choice
- × Write Text
- × Write a Number
- Non-InteractiveSlide

HTTPS://WWW.PEARDECK.COM/PRICING/COMPARISON/

#### PREMIUM/SCHOOL

- × Drag a Dot
- × Drag a Line
- DrawSomething
- × Take-Away
- GoogleClassroomIntegration



Add Pear Deck to Google Drive (New -- More -- Connect More Apps)

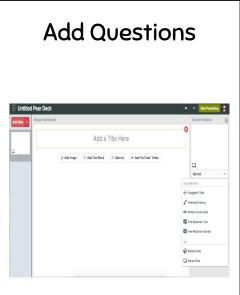
## WHAT WORKS BEST IN EDUCATION?

John Hattie's Research -- Visible Learning

- Ranked 138 influences related to student outcomes and found the average effect size to be 0.40.
- Classroom Discussion -- 0.82!

## EASY AS 1, 2, 3...







## LET'S LOOK AT THE DIFFERENT TYPES OF SLIDES



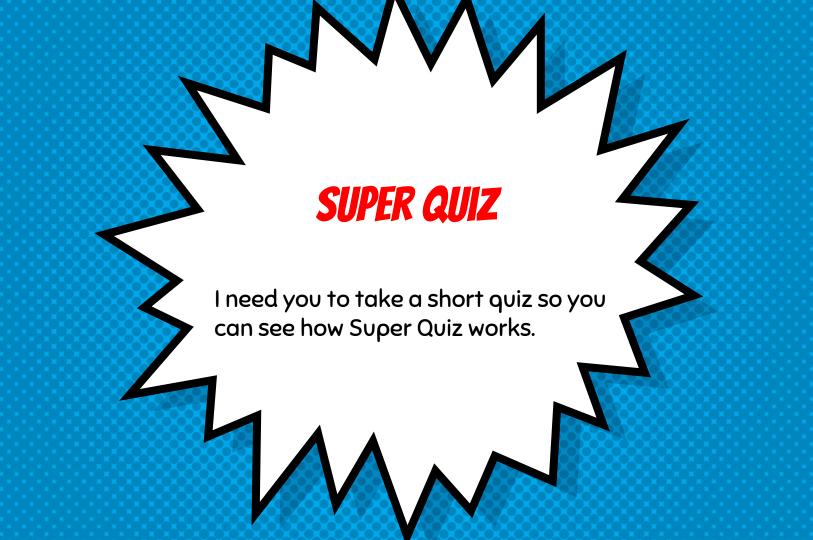
How would Pear Deck give every student a voice?

## HOW LIKELY ARE YOU TO TRY PEAR DECK?

I'll be using it on Monday!

I'm going to try it out before the end of the school year.

It's not for me.



## SUPER QUIZ -- GOOGLE SHEETS ADD-ON

**Create** a Quiz in Google Forms:

Collect email addresses

Name

Teacher/Class



## I MADE A FORM. NOW WHAT?

You must be the first person to take the quiz. It's the answer key!

## LET'S LOOK AT THE DATA FROM YOUR QUIZ

I'm sure some people answered wrong to see what would happen.

### SUGGESTIONS...

- Great for Pre- and Post-Test data
- Limited to 200
  responses -- may
  need to add
  FormRedirector
  add-on in Forms

- Use Data Validation to limit variations
- Sensitive need to be specific in how you want students to respond



## THANK YOU FOR COMING!

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Go see PearDeck -- Booth #946

Use #NCTM2017 or #peardeck (@peardeck)



QR for website with helpful how to videos.

https://goo.gl/l095z6