



# Immediate Student Feedback Without Those Expensive Clickers

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# Current Challenges to Teaching

- o Paperwork
- o Grading
- o Engaging Students
- o Providing feedback in a meaningful time
- o \$\$\$ to get new technology
- o Preparing students for jobs that do not exist yet
- o Balancing content vs. skills
- o Kids that don't want to try



I want it now!

# Little about me...



ILLINOIS STATE  
UNIVERSITY



# Objective

- By the end of the presentation, you will be able to provide students with immediate feedback using four different methods.

**AND IT WON'T COST A PENNY!**

# 1<sup>st</sup> Method

Did I get this right?!

# Leading with an Example

o Using your own device, please go to

<http://tinyurl.com/T21Con1>

When you have completed the online activity,  
go check your email...

# The Key Piece

<http://tinyurl.com/T21Con2>

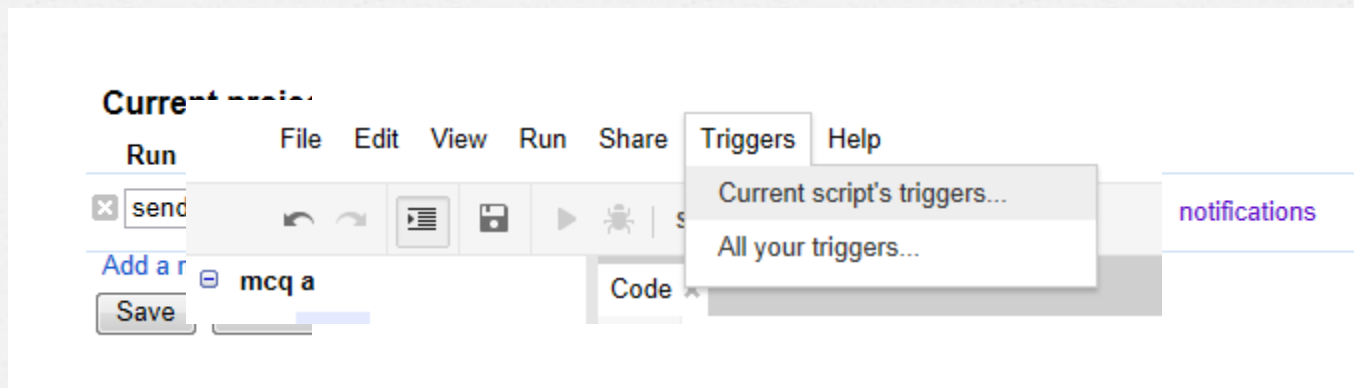
Thanks to [Henry Theile](#) – CTO of Maine  
Township 204 and [Romain Vialard](#)

# The Steps

1. Pre-write your questions and responses
2. Create a new Google Form with those questions
3. Take the quiz and enter the correct answers.  
(This becomes the key for the self-grading)
  - o For any response that is NOT graded, record “not mcq”
4. In the SPREADSHEET, for each question provide some supplemental help in LINE 3 when someone gets a question incorrect.

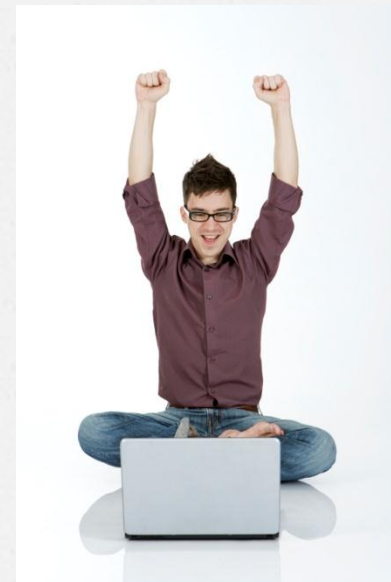
# The Steps

5. Tools → Script Gallery → Search mcq → Install
  - o Using the URL <http://tinyurl.com/T21Con2> you can copy all of the text and paste the script into the script editor using Tools → Script Editor
  - o You must name your script and save it.
6. Set your Triggers for sending scores/correct responses



# Options available

- o Only send the score
- o Only send hints, but not the correct answers
- o Send all results at 1 time.

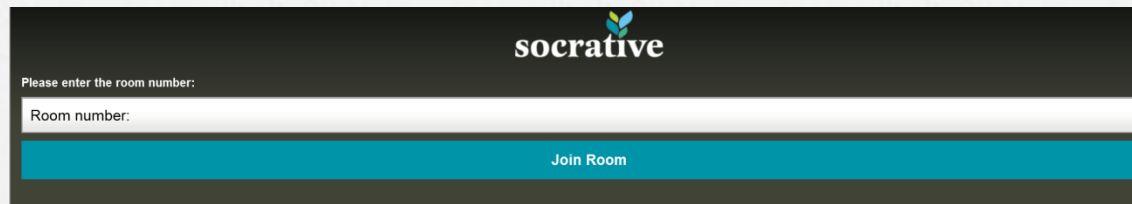


# Method 1.5

Are the kids getting this?

# Example #2

- o On your device, please go to <http://m.socrative.com>



The screenshot shows the Socrative mobile app interface. At the top, the Socrative logo is displayed. Below the logo, there is a prompt: "Please enter the room number:". Underneath this prompt is a white input field with the text "Room number:" inside. At the bottom of the interface, there is a teal button labeled "Join Room".

- o Enter 597 for the room number and join the room

What the teacher will see...

<http://t.socrative.com>

# How can I do this?

- o <http://socrative.com> to create a free account
  - o <http://t.socrative.com> for teacher interface
  - o <http://m.socrative.com> for student interface
- o Type your questions into the website or use their Excel template to upload a quiz (would be great for curricular teams)
- o Start the quiz and when finished, check your email for the results an Excel file.

# Options

**NEW:** Check the cool new Teacher-Paced Quiz activity under the *Start Quiz* menu.  
**Reminder:** Socrative is limited to 50 users per activity.

**My room number**

**Active users in room**

**Multiple Choice**

Ask a MC question, display results.

**True/False**

Ask a T/F question, display results.

**Short Answer**

Open-ended question, display responses.

**Start Quiz**

Run a pre-made quiz.

**Exit Ticket**

Get an end-of-class pulse-check.

**Space Race**

Run a quiz as game.

**Manage Quizzes**

Create, Edit, Delete Quizzes & Races.

**Clear room**

Remove all users from room.

**My Profile**

Change your personal settings.

**Feedback**

Make Socrative better for you.

**Log out**

Log out of your virtual room.

# 2<sup>nd</sup> Method

Are the kids getting this?

# A question for you...

- o Why can technology be a positive force in your classroom?
  - A. It can move students to HOTS
  - B. It can engage students in the learning process
  - C. It can provide students with immediate feedback

I could ask for a show of hands, but that is a not great way to know if your class is getting it...

Let's try this...

# A question for you...

- o Why can technology be a positive force in your classroom?
  - A. It can move students to HOTS (**306712**)
  - B. It can engage students in the learning process (**323625**)
  - C. It can provide students with immediate feedback (**323626**)

Txt a **code** to 37607 OR

Tweet a **code** to @poll OR

Submitting a **code** to <http://pollev.com>



# Here we are...

## Why can technology be a positive f classroom?



Text a **CODE** to **37607**



Tweet **@poll**



Submit a **CODE** to **[http://PollEv.c](http://PollEv.com)**

It can move students  
to HOTS

**306712**

It can engage students  
in the learning process

**323625**

# The way this happened...

<http://www.polleverywhere.com>

- o Free accounts
- o Education accounts available
- o Embeddable slides
- o Live results when connected to the Internet

# 3<sup>rd</sup> Method

Self-service stations



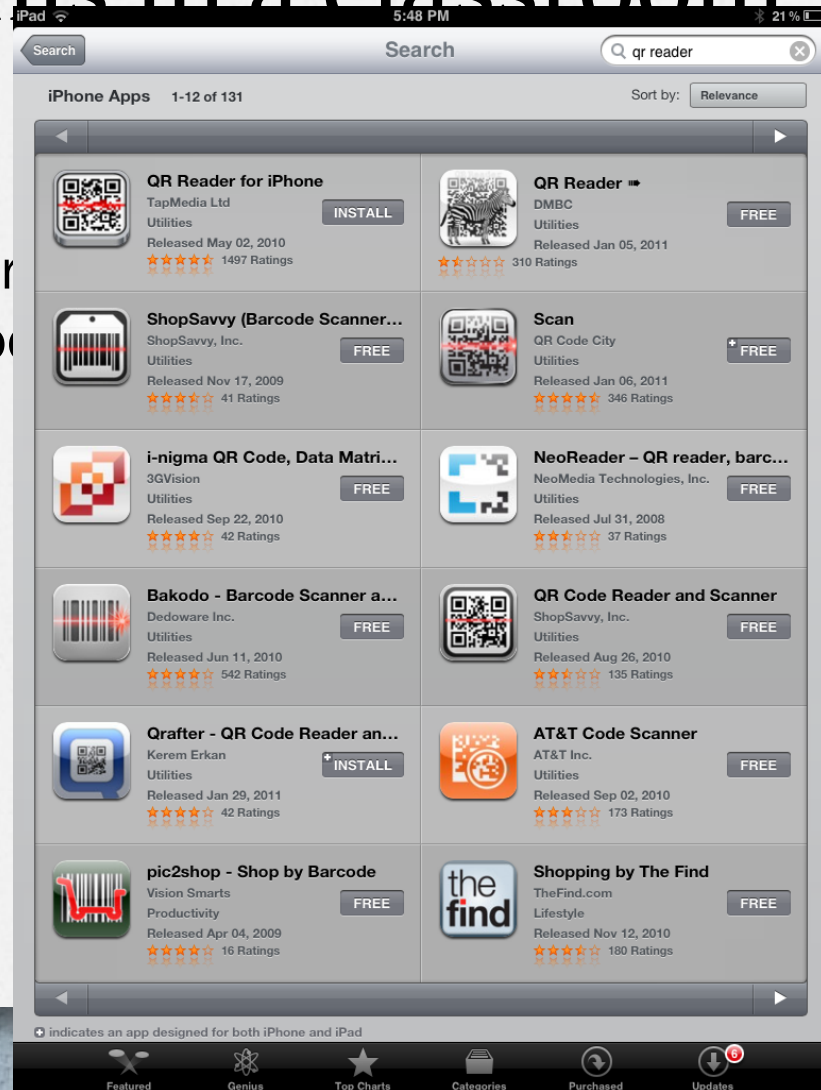
# How to use this in a classroom

- o Materials needed
  - o Class set of smart devices (Blackberry, iPhone, iPad, iPod Touch, Android, etc.)



# How to use this in a classroom

- Materials needed
  - Class set of smart devices (iPhone, iPad, iPod)
  - QR Code reader



# How to use this in a classroom

## o Materials needed

- o Class set of smart devices (Blackberry, iPhone, iPad, iPod Touch, Android, etc.)
- o QR Code reader
- o QR Code generator

Google





qr code generators

Search

About 405,000 results (0.32 seconds)

# What can be stored in QR

## 1 DATA TYPE

- Website URL
- YouTube Video
- Google Maps Location
- Social Media    
- iTunes Link
- Plain Text
- Telephone Number
- SMS Message
- Email Address
- Email Message
- Contact Details (VCARD)
- Event (VCALENDAR)
- Wifi Login (Android Only)
- Paypal Buy Now Link

# Extreme Example

**THE PERIODIC TABLE OF VIDEOS**

H	THE PERIODIC TABLE OF VIDEOS																He	
Li	Be	[Portrait of a man with glasses and a suit]										B	C	N	O	F	Ne	
Na	Mg											Al	Si	P	S	Cl	Ar	
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe	
Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn	
Fr	Ra	Ac	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Uut	Uuq	Uup	Uuh	Uus	Uuo	
			Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu		
			Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr		

# Summary

- o Self-grading assessments
  - o Google Docs
  - o Socrative.com
- o Mid-Class assessments
  - o Socrative.com
  - o Polleverywhere.com
- o “Hiding” hints and answers
  - o QR Codes

Need to get a hold of me?

