

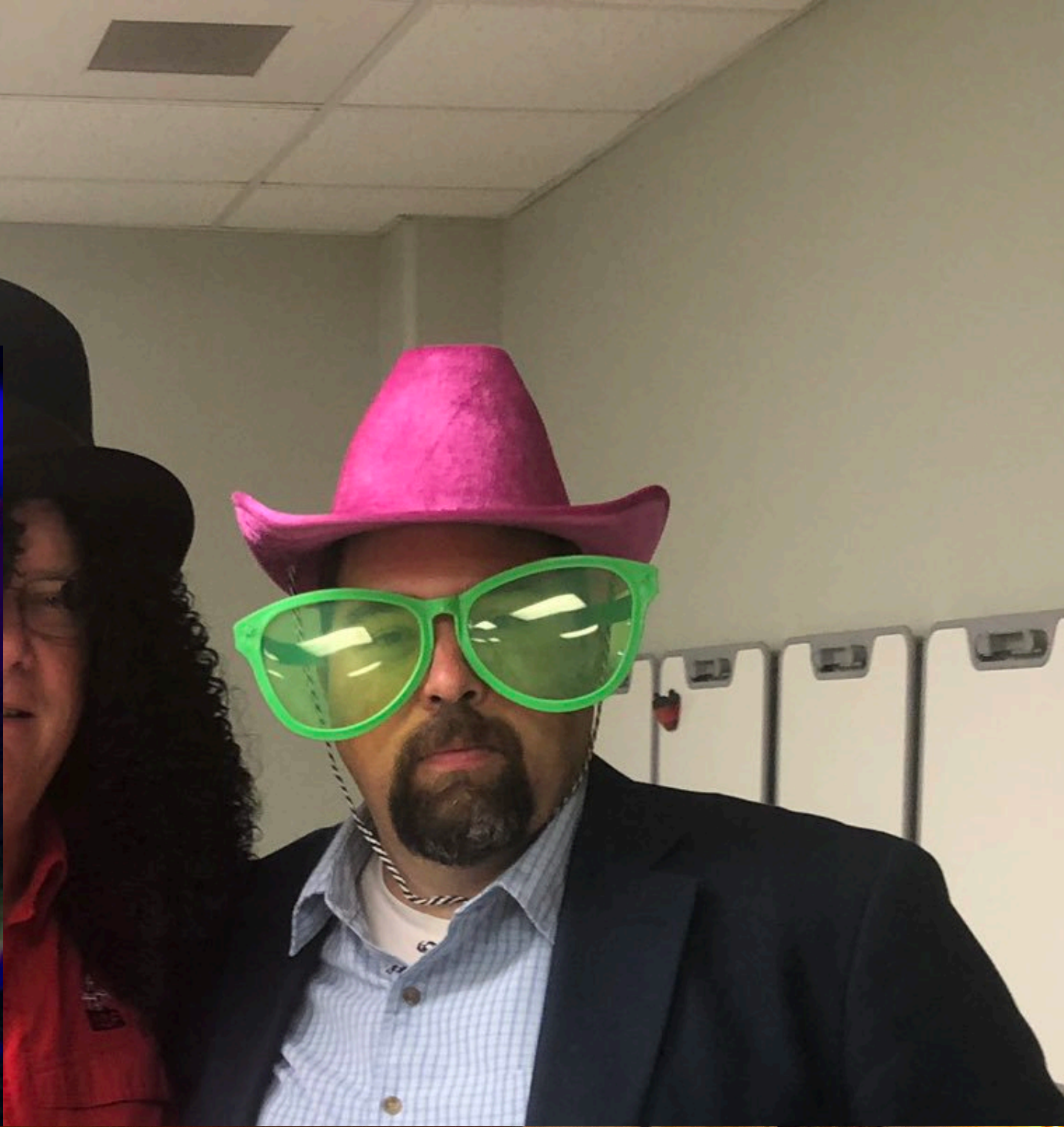
A hand holding a pen over a document with a red line. The background is a dark, slightly blurred image of a hand holding a pen over a document with a red line.

TOOLS TO TRANSFORM LEARNING IN YOUR CLASSROOM

CarlHooker.com

#GaETC19

@mrhooker



L RISK-TAKING?



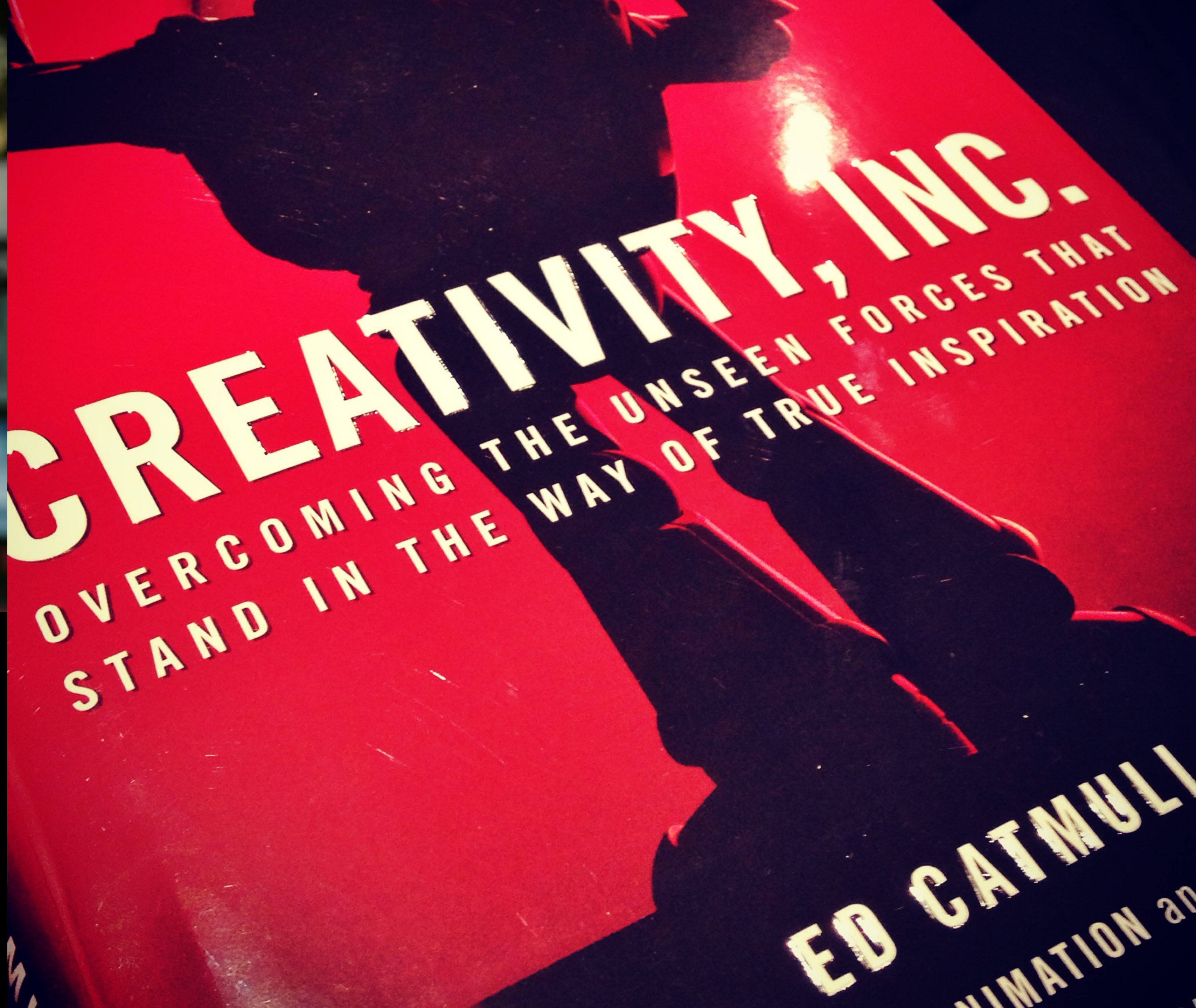
#LEADERSHIPMINUTE

**WHY CHANGE AND
TAKE A RISK WHEN
WE'VE BEEN
SUCCESSFUL?**



Ed Catmull

President
of Pixar



Recorded 8/11/16







AT&T 5:08 PM 14%
abovethecrowd.com/wp



UBER



airbnb

amazon.com[®]



NO CHECKOUT
NO BAGGERS

**JUST
WALK
OUT**

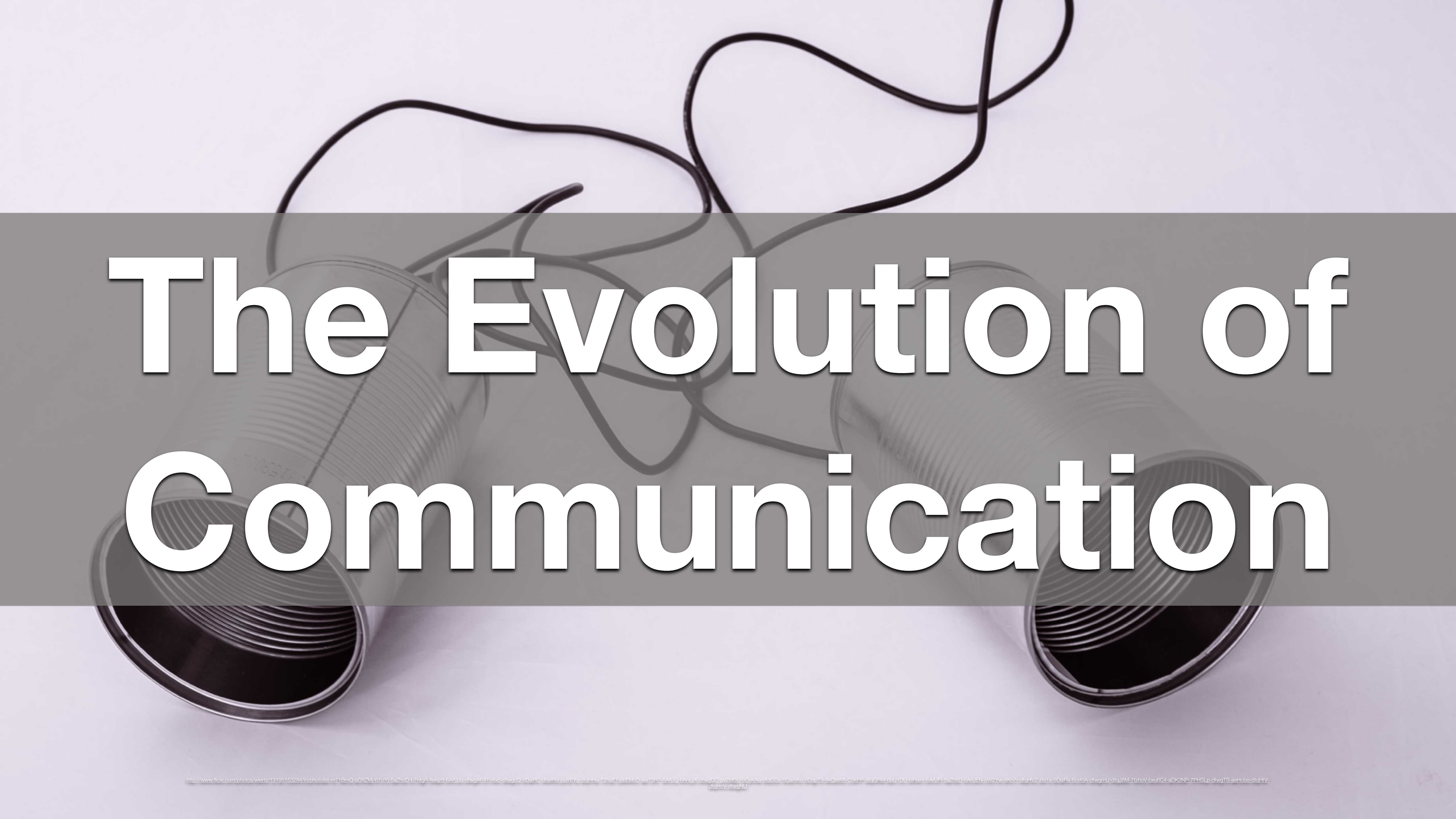
SHOPPING

AMAZON



“We are preparing kids for jobs
that **do** not exist.”

“We are preparing kids for jobs
that **will** not exist.”



The Evolution of Communication



44+33+555+555+666=hello



When we change
the way we
communicate, we
change society.

-Clay Shirky

Invented in 2008

Invented in 2007



A black and white close-up portrait of Douglas Adams, looking directly at the camera with a slight, thoughtful expression. The lighting is dramatic, highlighting his facial features against a dark background.

Technology is....

1. Anything that is in the world when you're born is normal and ordinary and is just a natural part of the way the world works.

2. Anything that's invented between when you're fifteen and thirty-five is new and exciting and revolution and you can probably get a career in it.

3. Anything invented after you're thirty-five is against the natural order of things.

-Douglas Adams





RISK

FEAR

FAMOUS FAILURES

#WeAreMcHi

@mrhooker







GAME OF THRONES

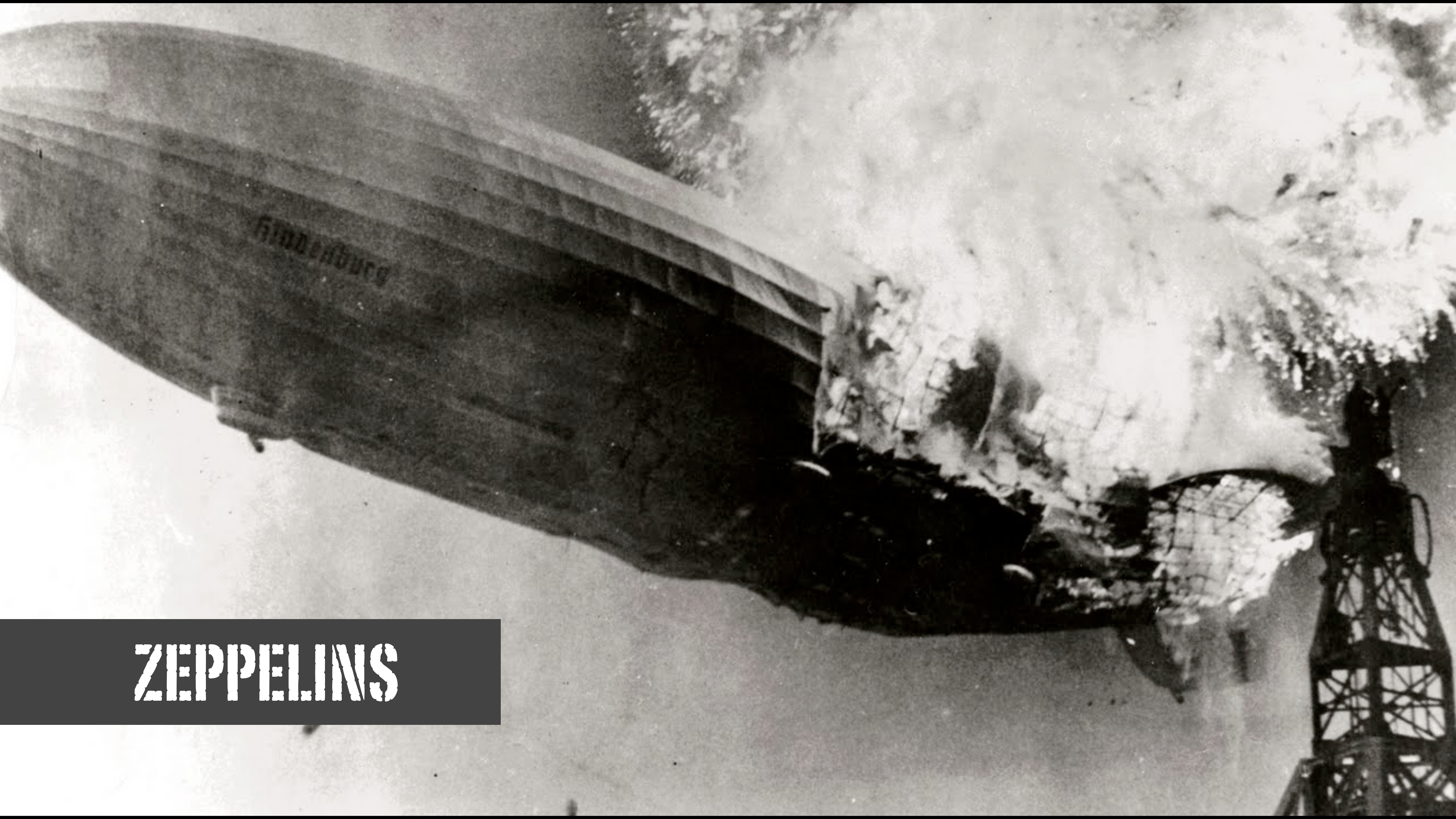
**SPOILER
ALERT!**



NOT ALL RISKS
ARE SUCCESSFUL.

#WeAreMcHi

@mrhooker



ZEPPELINS

EDSEL



APPLE'S LISA

NEW COKE



PEPSI CLEAR



MILLI VANILLI



RISK



REJECTION

100 DAYS OF REJECTION THERAPY

These are the 100 days of Rejection Therapy that started it all. My goal was to desensitize myself from my fear (I explain my reason why here in my [TED talk](#)). Three criteria I set for myself: 1. Ethical (no Legal 3. Doesn't defy the law of physics.

Because so many people have been inspired to also try out these rejection attempts on their own, I've [Mobile App \(beta\)](#), so you can experience Rejection Therapy with the latest technology. Because the a appreciate you giving me feedback at support@rejectiontherapy.com.

[Click here](#) to beta test the app!

- [Rejection 1: Borrow \\$100 from a Stranger](#)
- [Rejection 2: Request a "Burger Refill"](#)
- [<fav> Rejection 3: Ask For Olympic Symbol Doughnuts](#)
- [Rejection 4: Deliver Pizza for Domino's](#)



Rejection
therapy

WITH JIA JIANG

Stand n' Talk

Discuss a time you tried something new and **failed**.
How did you recover?
What did you **learn**?



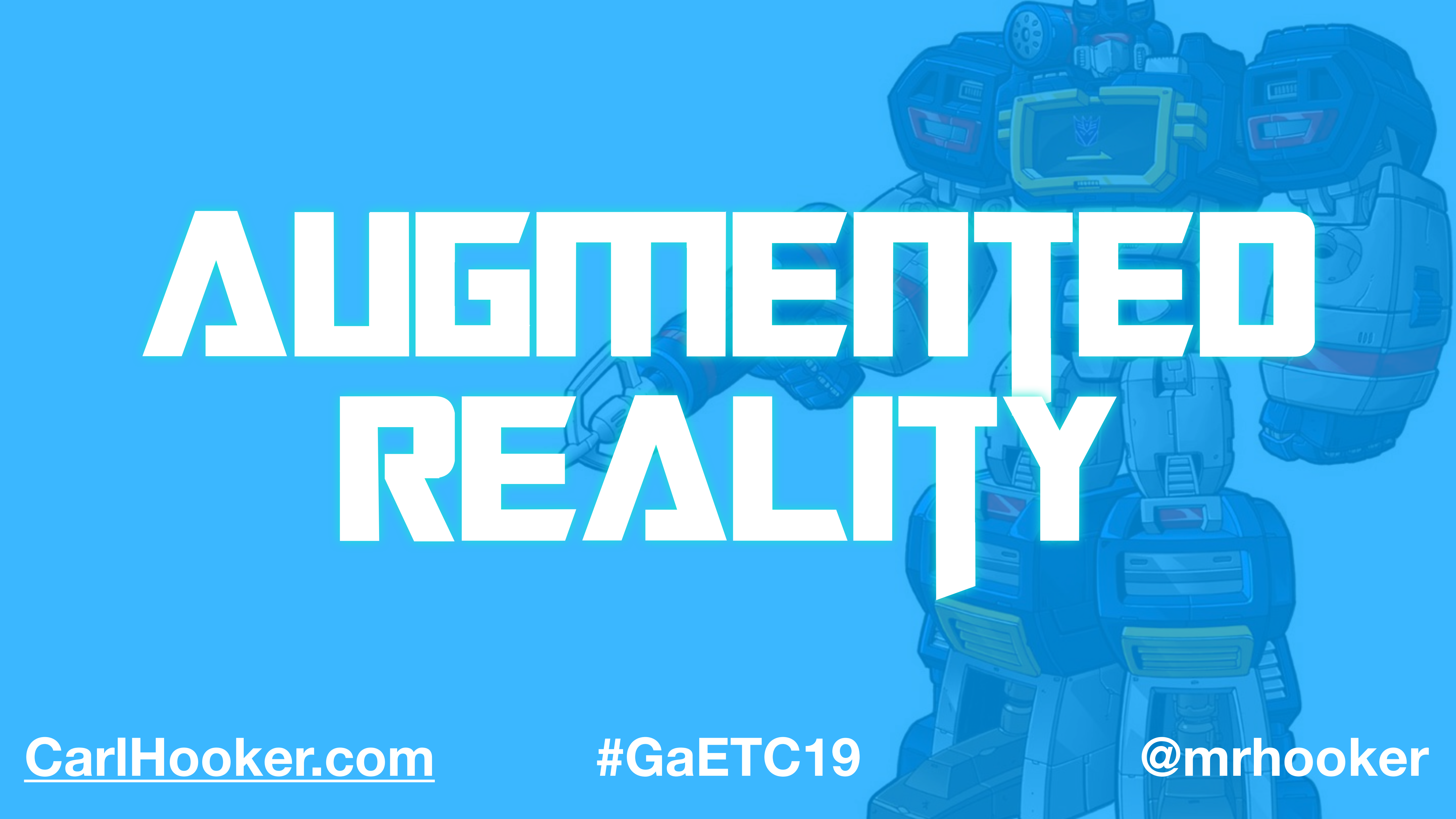
A hand holding a pen over a document with a red line. The background is a dark, slightly blurred image of a hand holding a pen over a document with a red line.

TOOLS TO TRANSFORM LEARNING IN YOUR CLASSROOM

CarlHooker.com

#GaETC19

@mrhooker

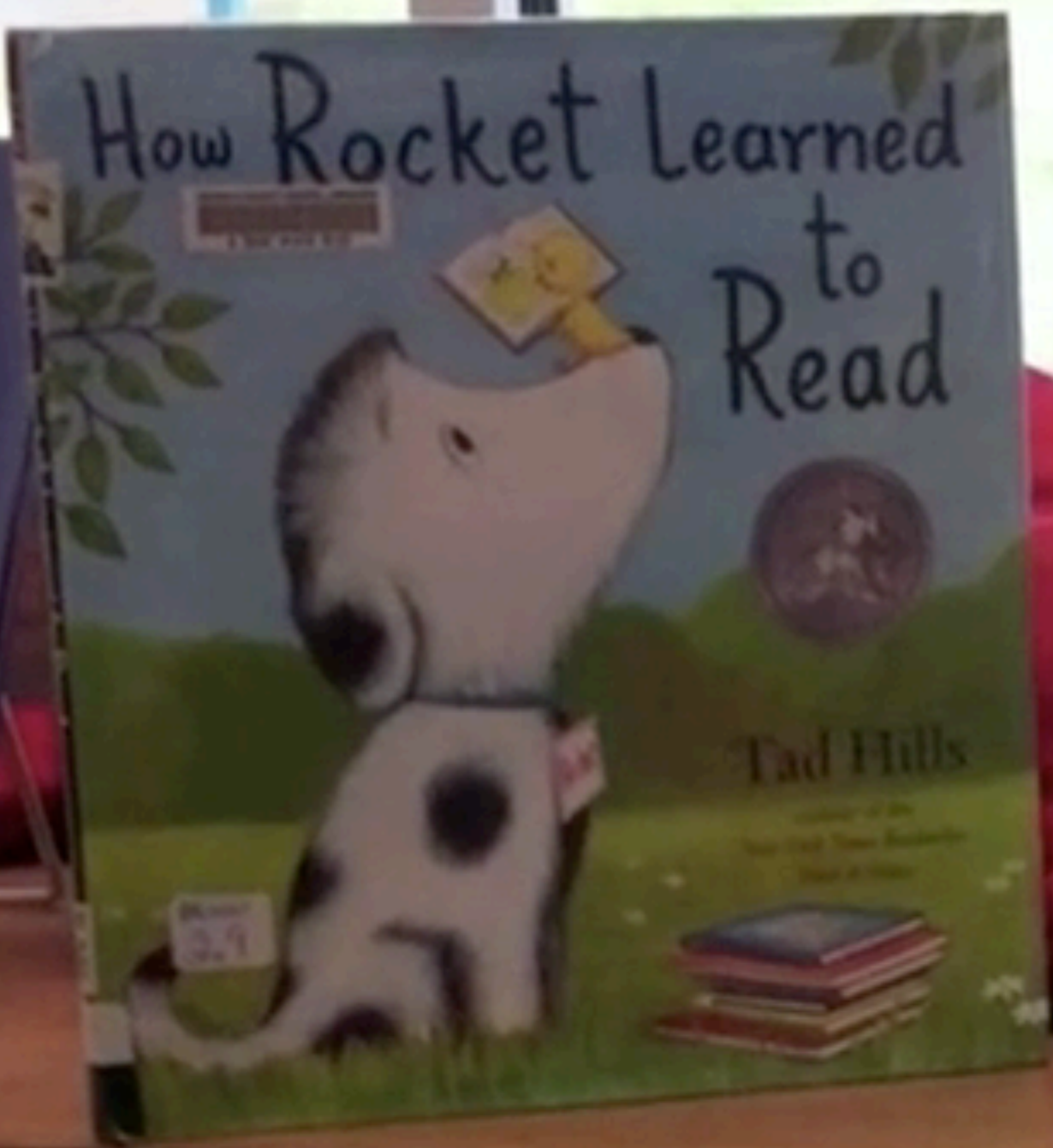
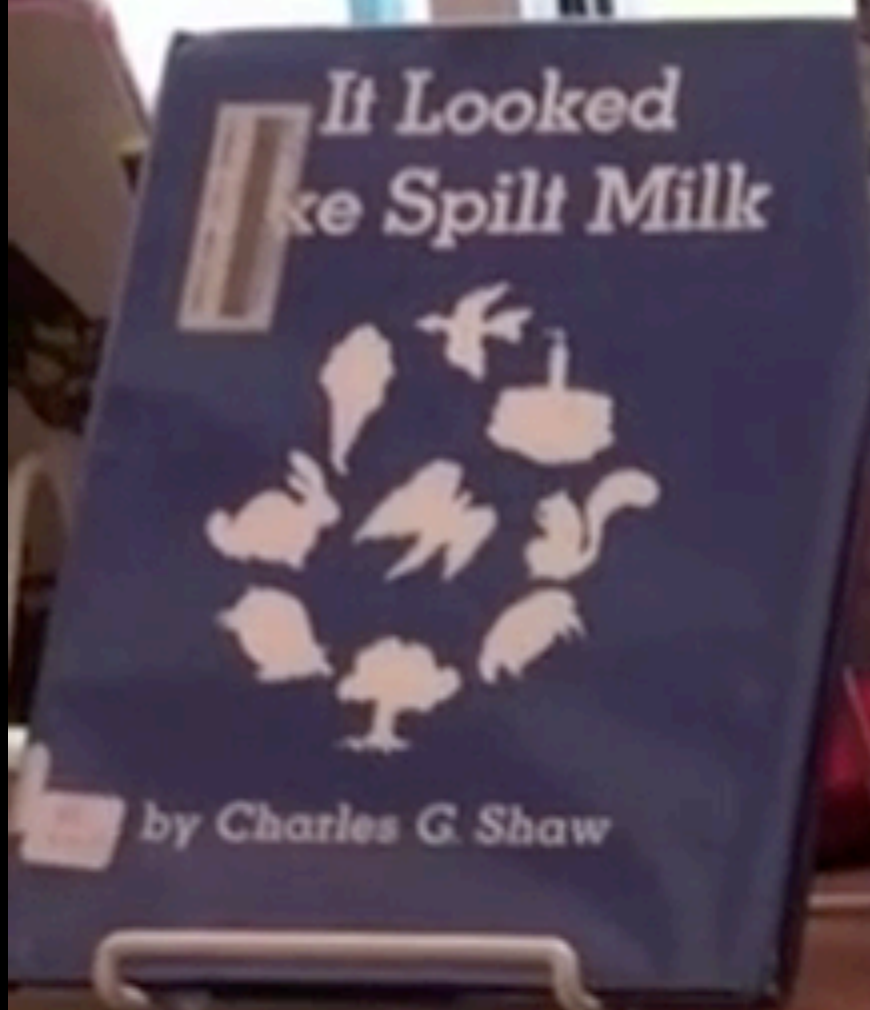


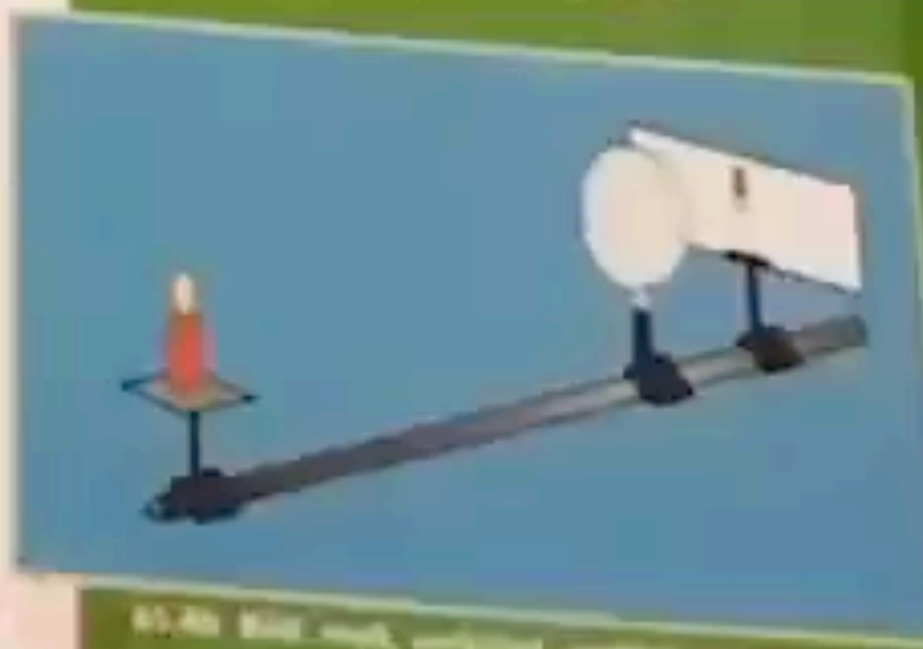
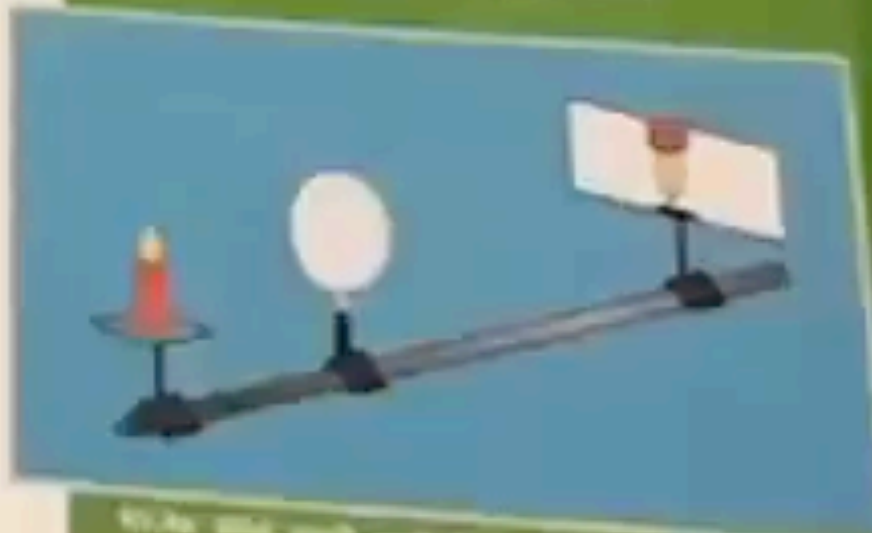
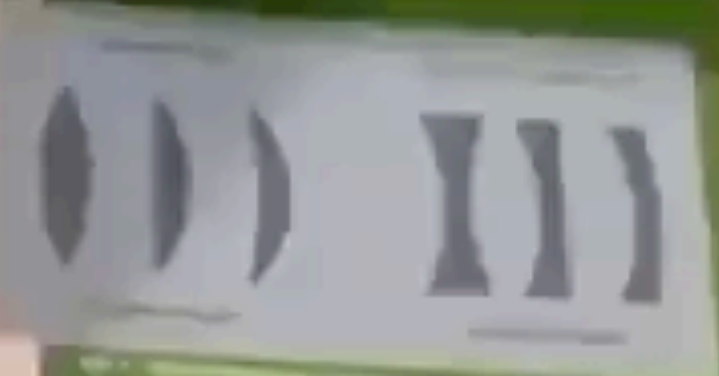
AUGMENTED REALITY

CarlHooker.com

#GaETC19

@mrhooker





... die die Gegenstände
großen oder kleinen Bild machen im
Vorwärts- und Rückwärtsfall.
In den Linsen-Systemen-Experimenten
hat man die im Bild, in der Kamera
das Bild ist ein Bild, in der Kamera
gelesen.

mit (Gegenstände) und Licht auf eine Linie
die die Lichtstrahlen durch die Linse auf
F verschiedene der Strahl. Bei einer Brennpunkt
man die durch die Linse fallenden Lichtstrahlen
einen Punkt vereinigt (Sammelpunkt). Halte ein
= Kraft eines Zerstreuungspunktes, was gemacht?

strahlen vereinigt sich im Brennpunkt der
Linse.

hat zwei Brennpunkte
Ende der Brennpunkte
der Linse werden als
bezeichnet.

unterschied
 $f = d \cdot n$, die Brennweite ist nur von der Krümmung
abhängig
 $2f = 1$ außer der Krümmung ist auch die Brechkraft des
abgebend. Glasfaserformen Linsen aus verschiedenen
haben verschiedene Brennweiten

mit einer Sammellinse erzeugt werden können
der Bildentstehung bei der Sammellinse und beim Hohl-
spiegel eine weit gehende Ähnlichkeit

Halte eine Sammellinse (Lupe) in kurzer Entfernung vor eine
Kerze. Das Bild der Kerze erscheint aufrecht und vergrößert
(Abb. 65.3)

Setze die Sammellinse auf eine optische Bank und bringe
die Kerze in den Brennpunkt der Linse
Es entsteht kein Bild

Schiebe die Kerze von der Linse weg und montiere auf der
optischen Bank einen Schirm. Erzeuge durch Verschieben
des Schirmes ein scharfes Bild der Kerze - Das Bild ist reell
und verkehrt (Abb. 65.4a). Andere dann die Entfernung
Kerze - Linse (Abb. 65.4b)

Mit einer Sammellinse lassen sich zwei Arten von Bildern erzeugen.

- aufrechte, vergrößerte, virtuelle Bilder und
- verkehrte, reelle Bilder, die auf einem Schirm aufgefangen werden können





THE SUN

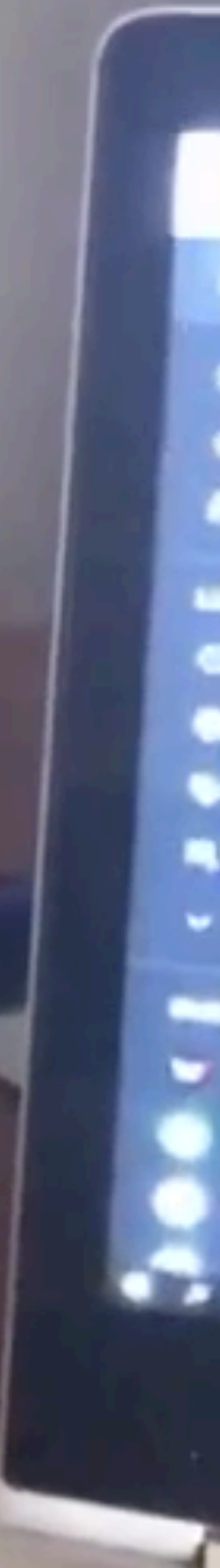
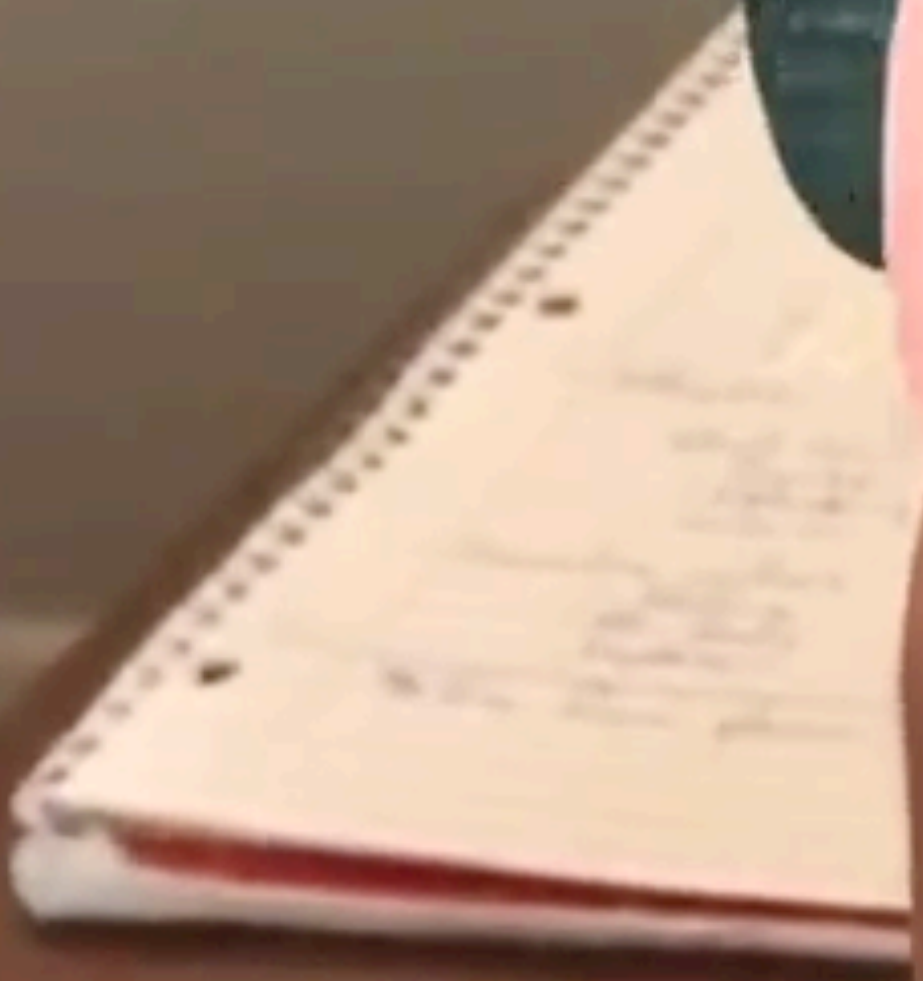
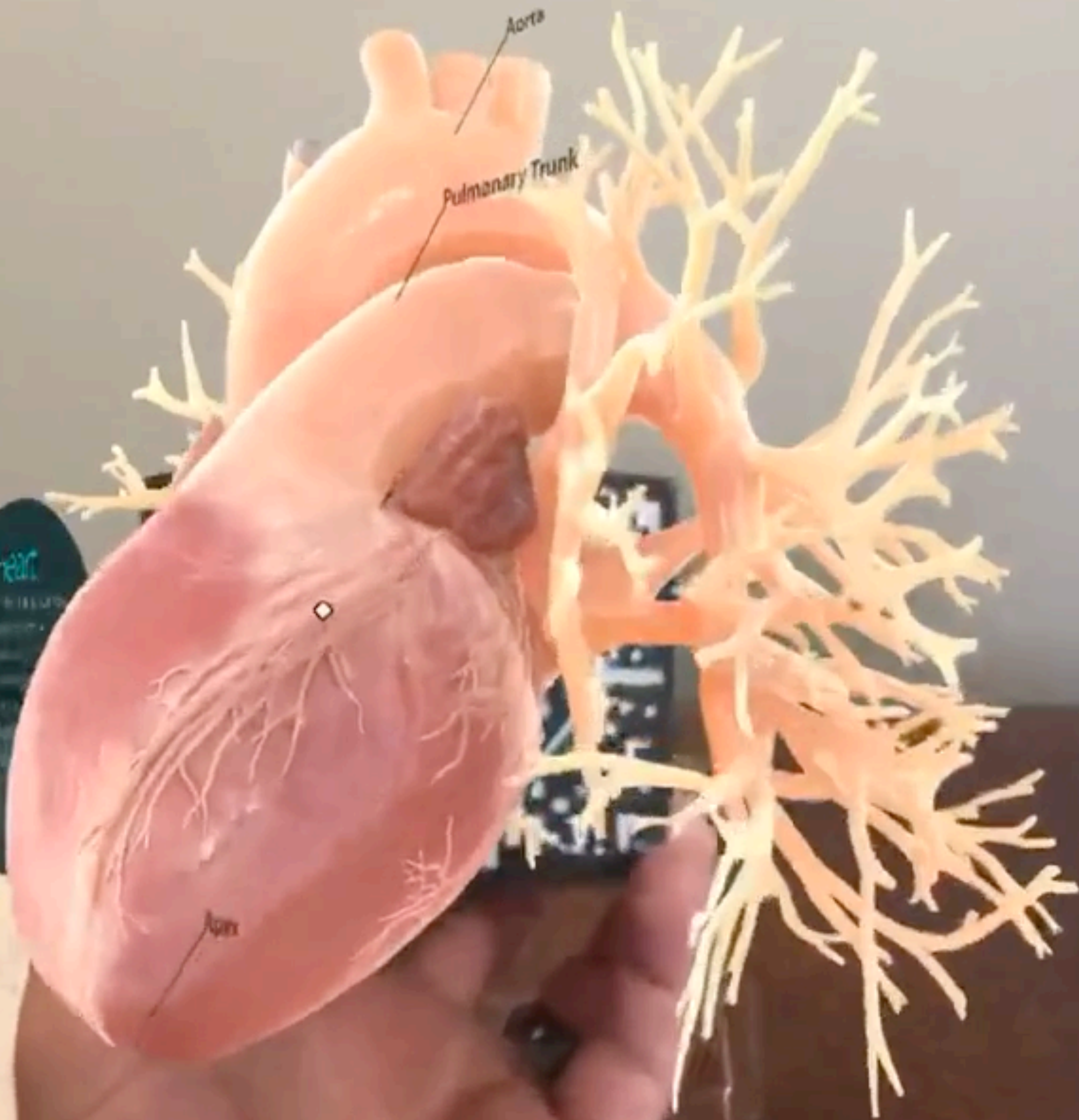


The Sun is so big that over one million Earths could fit inside! It's 93 million miles away, and light from the sun takes about 8 mins to reach us. The sun's core is 27,000,000° F, 12 times hotter than lava on Earth!





Heart
Major Blood Vessels
Coronary Arteries
Coronary Veins
Pulmonary Arteries
Pulmonary Veins





RISK-TAKING

CarlHooker.com

#GaETC19

@mrhooker

pechaflickr



GAME SHOW

CarlHooker.com

#GaETC19

@mrhooker

flippity.net



Flippity Quiz Show

GoDaddy Check out now and get **30%* off your purchase.** [Go to Cart](#)



GEOGUESSR

World

Embark on a journey that takes you all over the world. From the most desolate roads in Australia to the busy, bustling streets of New York City.

Play

Famous Places

Spectacular natural wonders and astonishing man-made structures and landmarks are often limited to seven, but the world is filled with so many more. How many can you recognize?

Play



43 882 667

16 789



13 242 833



CREATIVITY

CarlHooker.com

#GaETC19

@mrhooker



Can a neural network learn to recognize doodling?

Help teach it by adding your drawings to the [world's largest doodling data set](#), shared publicly to help with machine learning research.

Let's Draw!



AutoDraw

Fast drawing for everyone.

AutoDraw

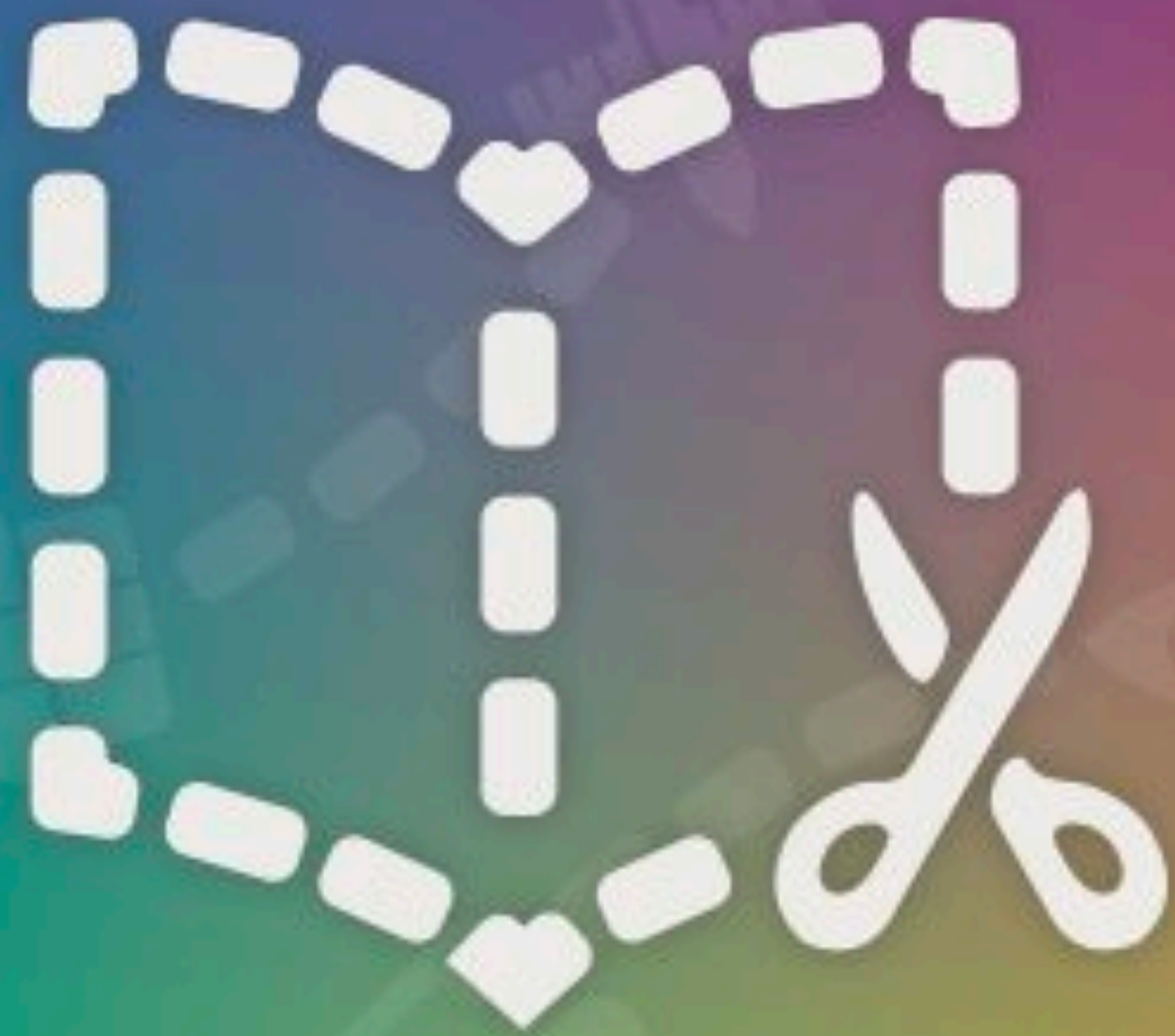


Incredibox

PUMP IT UP AND CHILL

TRY WEB VERSION 

DOWNLOAD APP 



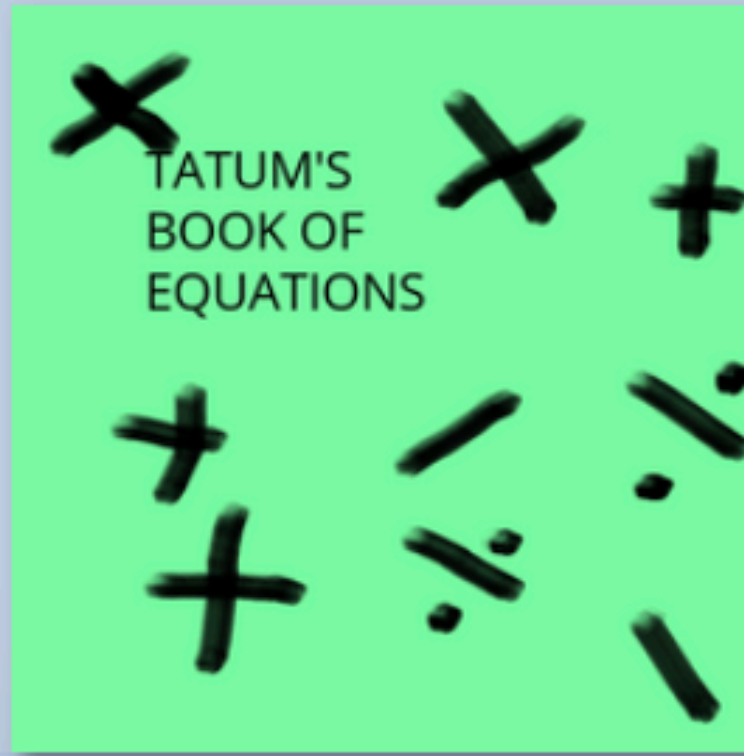
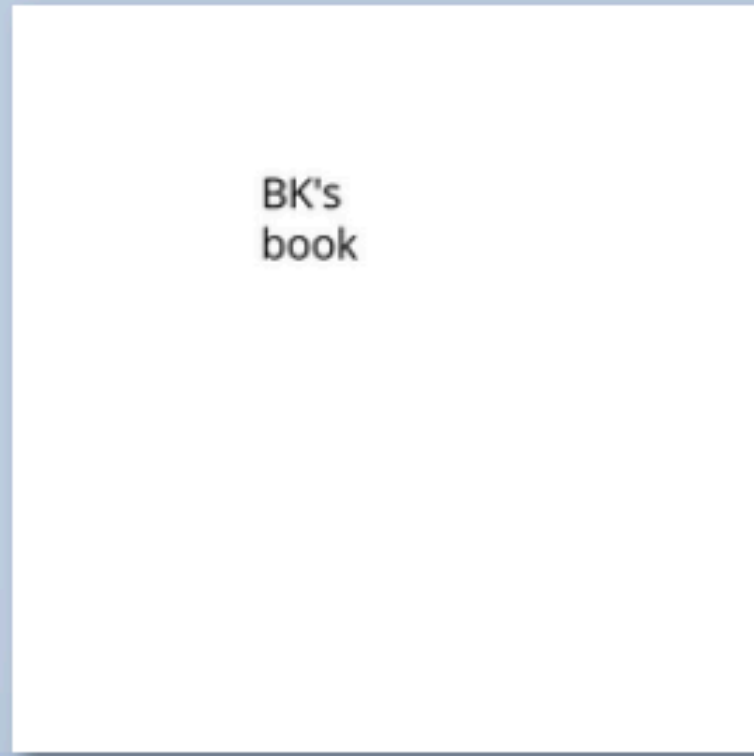
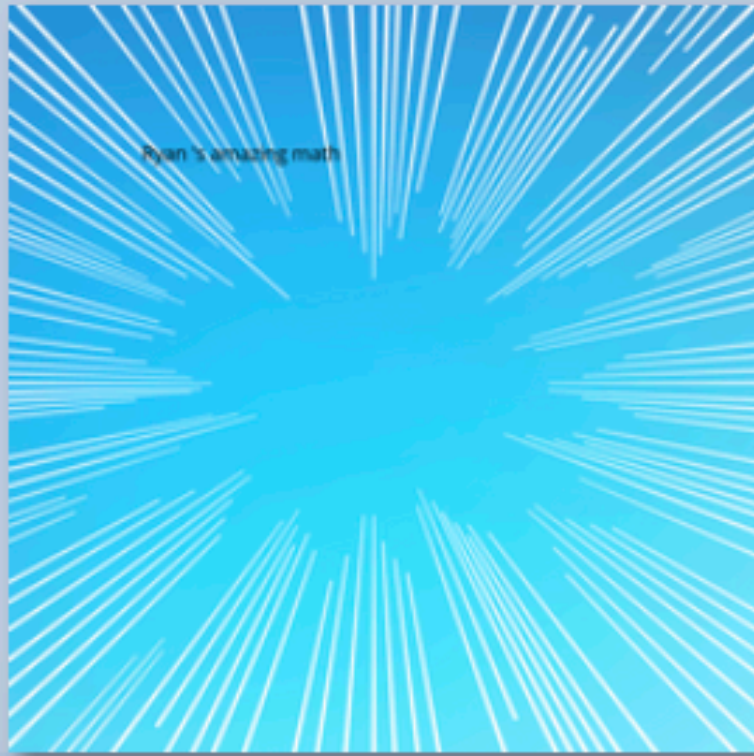
BOOK CREATOR[®]

for story problems in
math

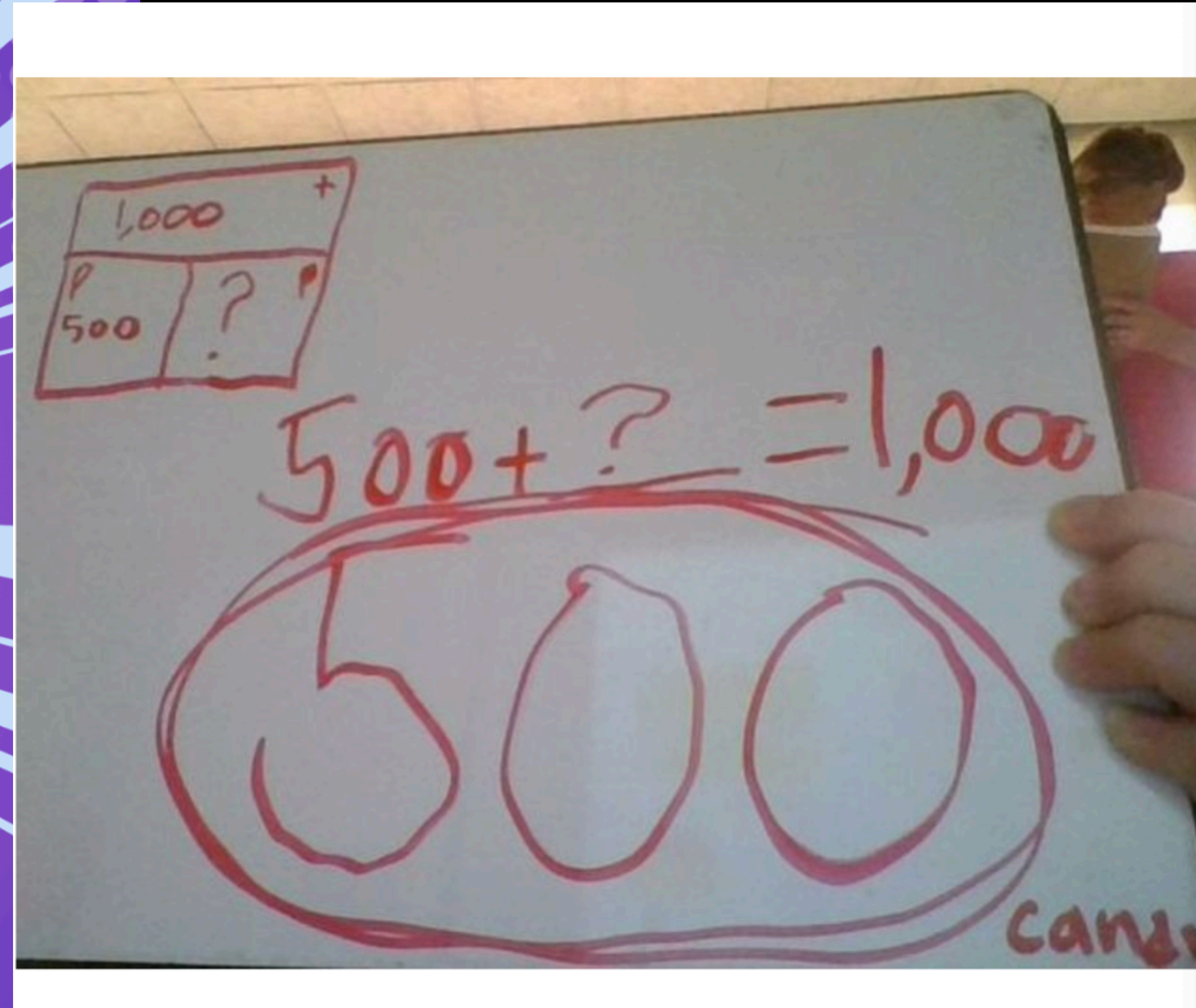
Slifka 3rd Grade Math Review

Everyone's books (22) 

 [New Book](#)



I ate 500 candy's on
Sunday in all I ate 1,000
how many did I eat on
satday?





ENGAGEMENT

CarlHooker.com

#GaETC19

@mrhooker

Idea Toss

WRITE DOWN SOME
TOOLS AND STRATEGIES
YOU USE TO KEEP
YOUR STUDENTS
ENGAGED.





NEARPOD

Using this 360° Cities to Hook Your Learners

TRANSFORMERS
WWW.TRANSFORMERSMOVIE.COM





Go to nearpod.com

Enter Code: **CUAHI**



MOVEMENT

CarlHooker.com

#GaETC19

@mrhooker

BODY SYNTH





Bouncy Balls

Bounce balls with your microphone!

A fun way to manage classroom noise or visualize music.

BEGIN BOUNCING!



University of Washington

INFORMATION AND CONTEMPLATION

EXPERIMENT

Turn to a partner and
debate the following
topic

@mrhooker

REALITY

TV

EXPERIMENT

Now try this

LOVE HATE



← LOVE

HATE →

**REALITY
TV**

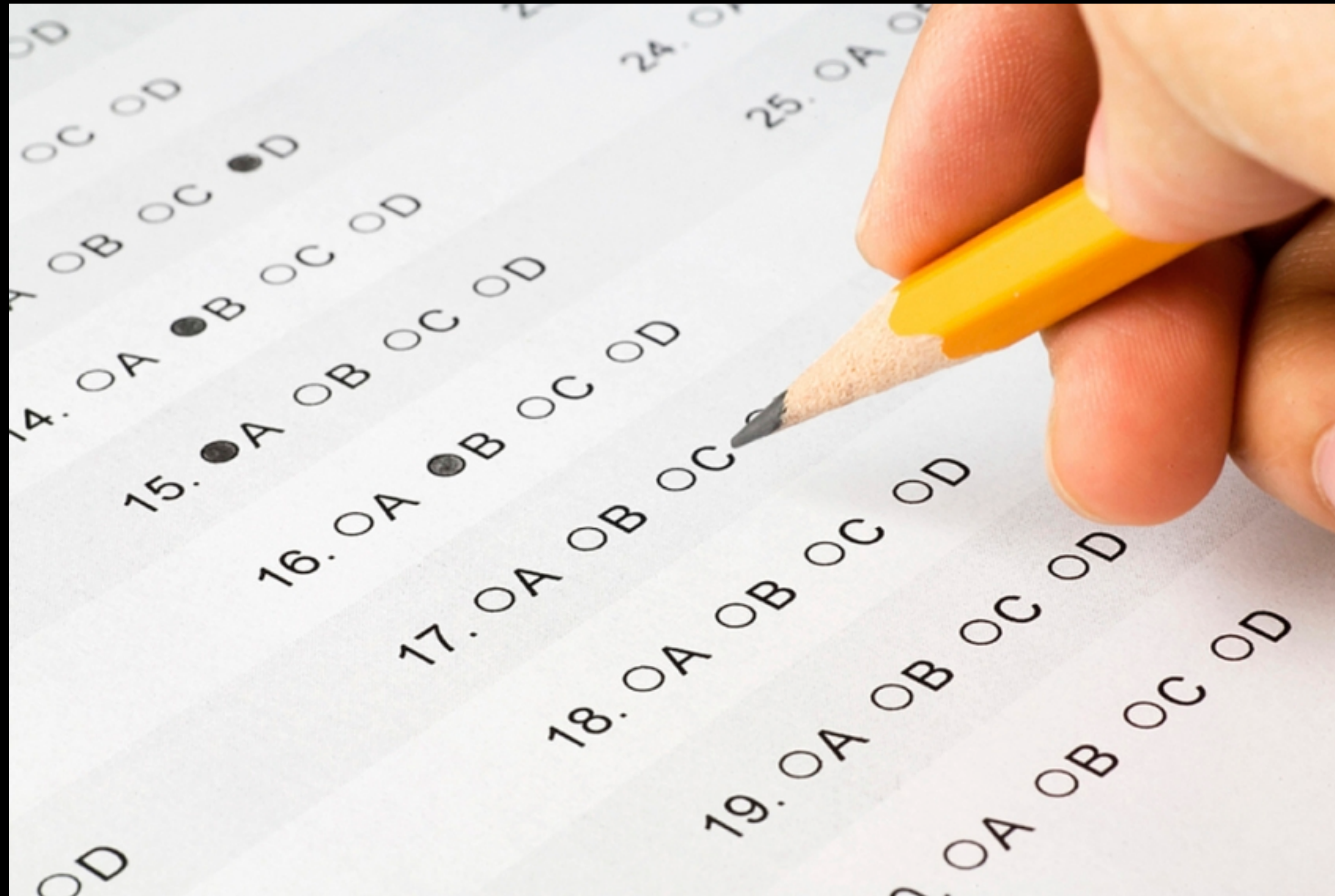
← LOVE

HATE →



← LOVE

HATE →



Assessment

REFLECTION

How did movement play a role in learning
in the "Love/Hate" activity?



VIRTUAL REALITY

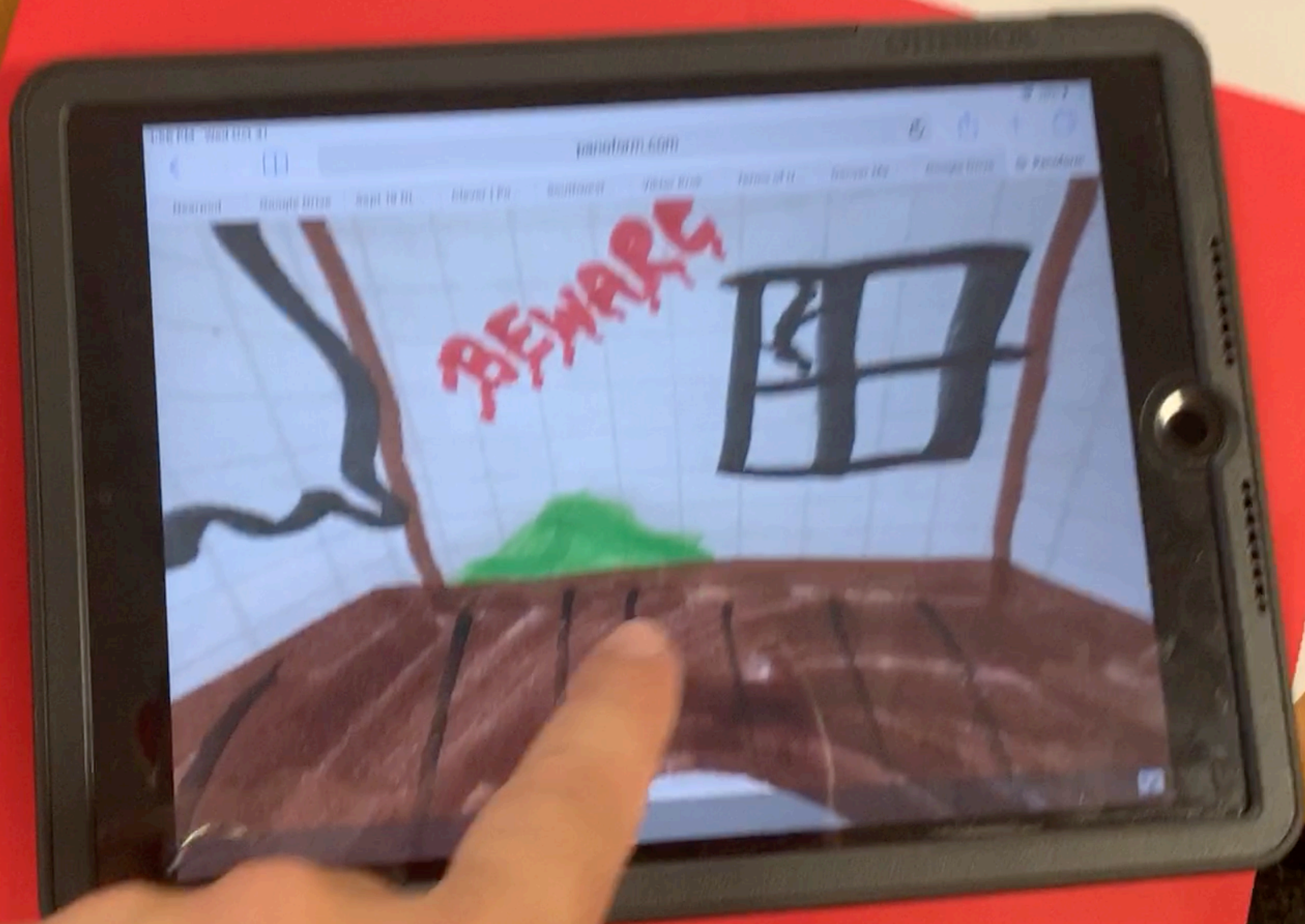
CarlHooker.com

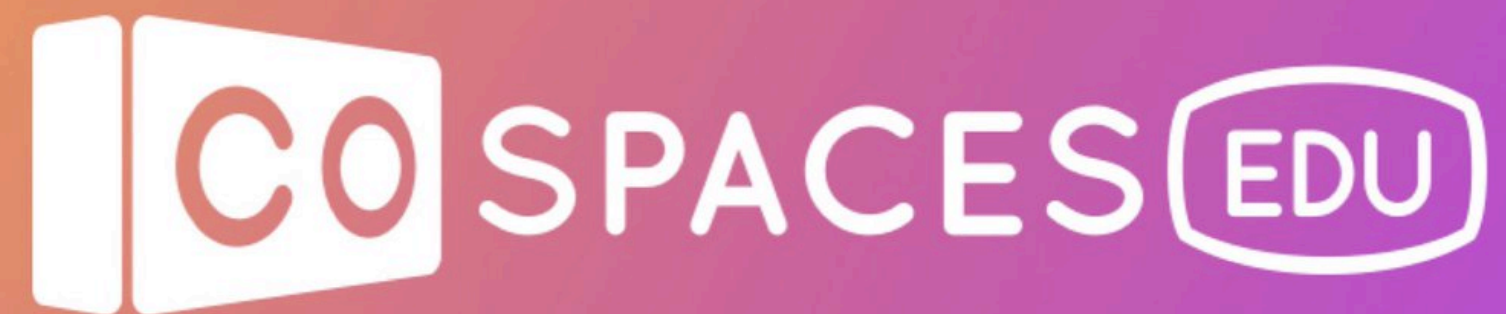
#GaETC19

@mrhooker

The background features a complex geometric pattern of overlapping circles and a grid. The circles are arranged in a series of four columns, each containing a vertical stack of overlapping circles. The grid is composed of thin, light gray lines. The text 'PANOFORM.COM' is centered horizontally and vertically in a bold, black, sans-serif font. There are also some faint red lines at the top and bottom edges of the image.

PANOFORM.COM



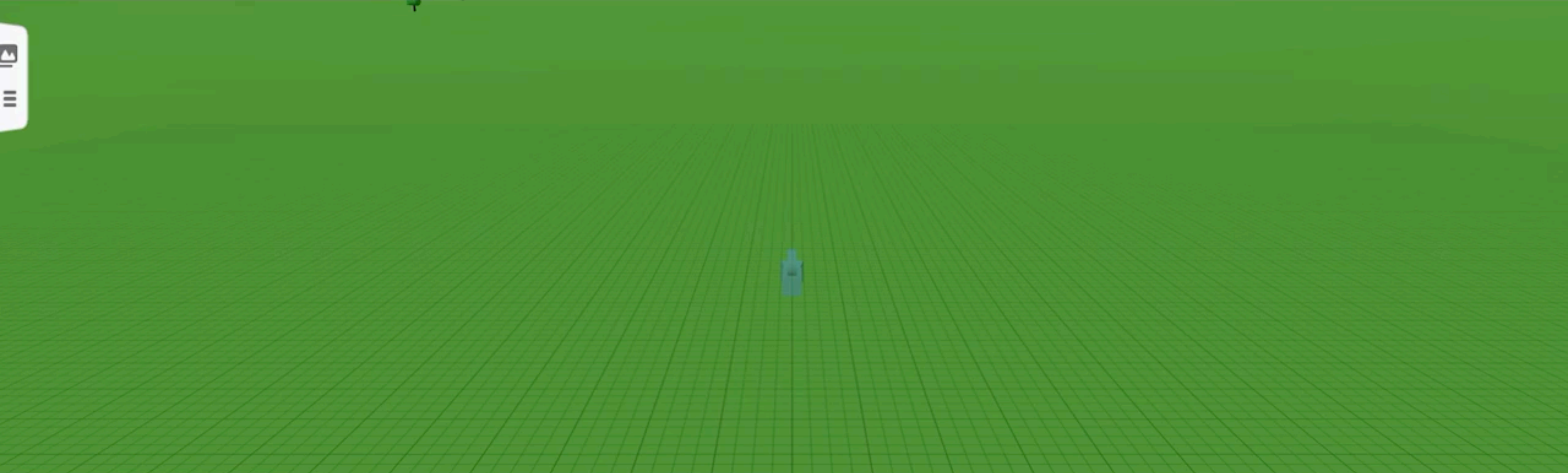


COSPACES EDU

Create your own virtual worlds

TRANSFORMERS

WWW.TRANSFORMERSMOVIE.COM
WALLPAPER BY KEVIN FLAHAUT, WWW.904CREATIVE.COM
CHARACTERS AND LOGOS COPYRIGHT HASBRO AND
DREAMWORK PICTURES, LLC



Library Upload Environment

- Characters
- Animals
- Housing**
- Nature
- Transport
- Items
- Building
- Special
- Search

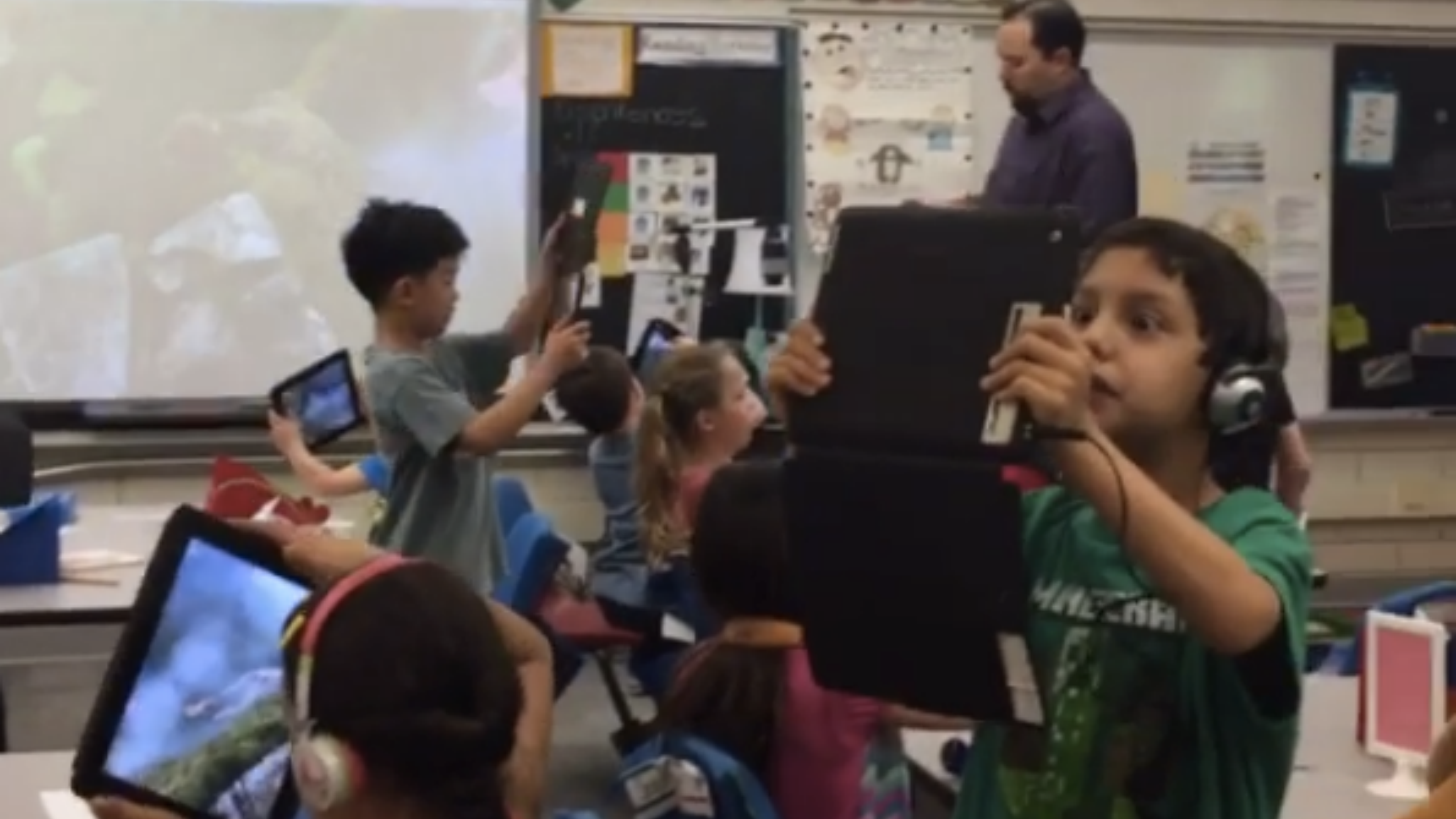
Debug inspector

- Armchair
- Coffee table
- Desk
- Empty book sh...
- Filled book shelf
- Low board
- Narrow shelves
- Office cha

LIVING ROOM BEDROOM BATHROOM KITCHEN CITY OTHER












A hand holding a pen is positioned over a laptop keyboard. The background is a dark, slightly blurred image of the laptop and hand. Overlaid on this is large, bold, white text with a glowing blue outline. The text reads: 'TOOLS TO TRANSFORM LEARNING IN YOUR CLASSROOM'.

**TOOLS TO
TRANSFORM
LEARNING IN
YOUR CLASSROOM**

CarlHooker.com

#GaETC19

@mrhooker