

GOOGLE'S COOL TOOLS!

The one's you don't hear much about

A special thank you to **Eric Curts** who published much of this data earlier in 2017. It has truly energized and transformed my classrooms.

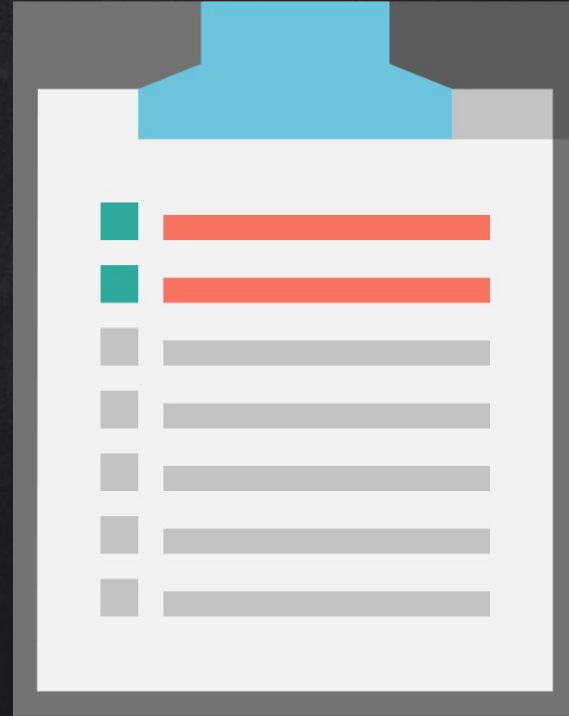
SESSION

AGENDA

Lesser Known Google Tools:

- ✕ Search Tools
- ✕ Map Tools
- ✕ Creative Tools
- ✕ Communication Tools
- ✕ Miscellaneous Tools

Which one are you most interested
in learning more about?



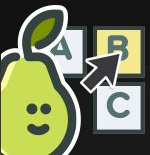
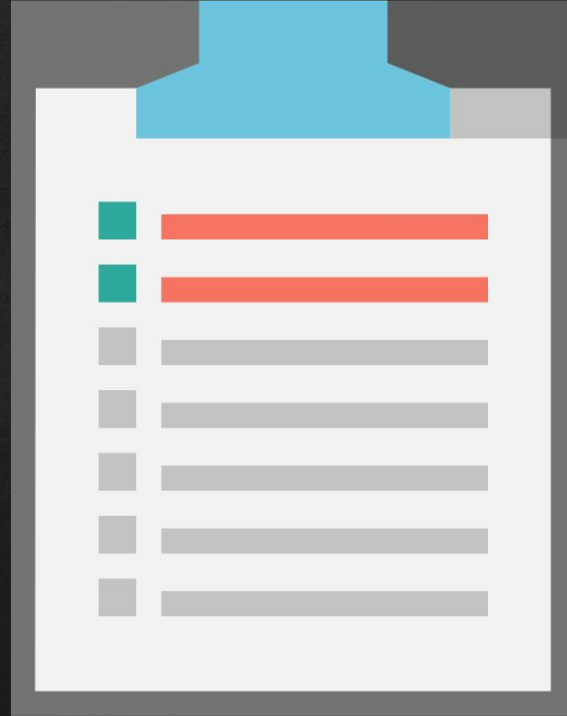
Presentation developed from session given by Eric Curts March 2017
Students, draw anywhere on this slide!

Pear Deck Interactive Slide
Do not remove this bar

PREREQUISITES

For this session you will need:

- ✗ A Google account (school or personal)
- ✗ This is an introductory session



Students choose an option

MISC. TOOLS

BE INTERNET AWESOME

Make safe & smart choices while using the internet


1. [Video— Google's INTERLAND Intro. 40 sec.](#)

2. [Play INTERLAND— Be Internet Awesome!](#)



**Share with Care**

I will thoughtfully consider what I share and with whom and keep extra sensitive information to myself (i.e., home address, current location, other people's business).

**Don't Fall for Fake**

I will watch out for phishing and scams and report questionable activity every time.

**Secure Your Secrets**

I will take responsibility for protecting important information by crafting strong and unique passwords with characters, numbers, and symbols.

**It's Cool to Be Kind**

I will spread positivity and use the skills I have learned to block and report negative behaviors.

**When in Doubt, Talk It Out**

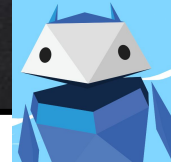
I will use my voice when I notice inappropriate behavior and seek out a trusted adult to discuss situations that make me uncomfortable.

Because that's what it takes to be a safe and fearless explorer of the online world.

*Content from—Google's "Be Internet Awesome" site.

BE INTERNET AWESOME

Internaut



Vocabulary:

Hackers – Anyone that gathers others' information from a computer.

Phishing – When someone tries to trick you into sharing your personal information.

Cyberbullies – Someone aggressively shows you unwanted attention over and over.

Upstander – Someone that gives positive attention to everyone, especially the person being bullied.

Oversharers – Someone that shares too much personal information about themselves

Vibes – Feelings that follow after someone says or does something.

Digital Footprint – Anything about you on the Internet like photos, messages you sent. Basically any interaction you have had online can be traced.

Tower Of Treasure – Keep Your Secrets Safe

Mindful

Mountain – Share
with Care

Reality River –

Don't Be Fooled
by Fake



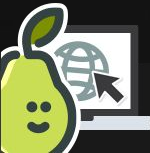
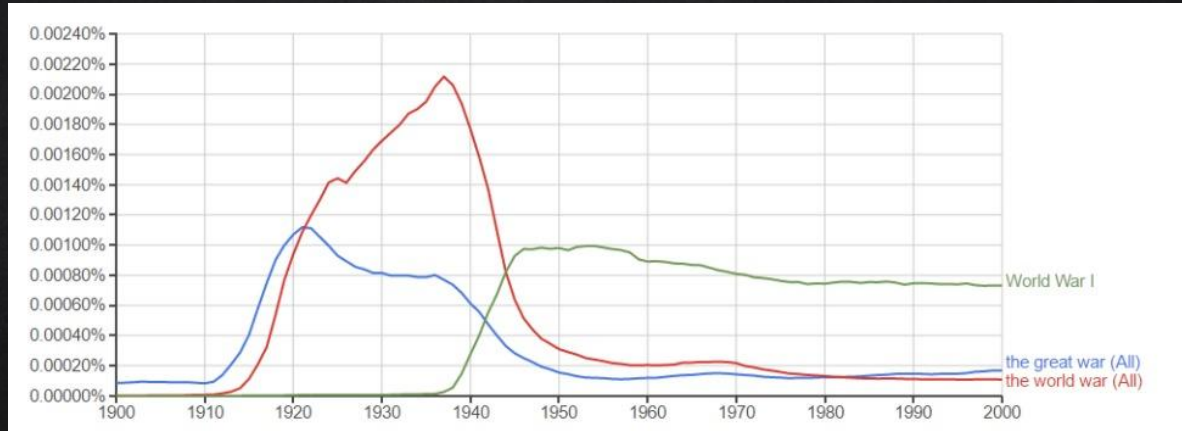
Kind Kingdom –

It's Cool to be
Kind

SEARCH TOOLS

NGRAM VIEWER

Search words in all books from the last several centuries –
books.google.com/ngrams



Students browse: <https://books.google.com/ngrams/graph?content=Albert+Einstein%2CSh...>

Pear Deck Interactive Slide
Do not remove this bar

GOOGLE SCHOLAR
Search, save, and cite scholarly articles for
research papers at scholar.google.com

artificial intelligence

Find articles

with all of the words

with the exact phrase

with at least one of the words

without the words

where my words occur

☒ anywhere in the article

☐ in the title of the article

Return articles authored by

e.g., "PJ Hayes" or McCarthy

Return articles published in

e.g., J Biol Chem or Nature

Return articles dated between —

e.g., 1996

[PDF] A modern approach

S Russell, P Norvig, A Intelligence - Artificial Intelligence. Prentice-Hall, ..., 1995 - Citeseer
Library of Congress Cataloging-in-Publication Data Russell, Stuart J. (Stuart Jonathan) **Artificial intelligence** : a modern approach / Stuart Russell, Peter Norvig. p. cm. Includes bibliographical references and index. ISBN 0-13-103805-2 1. **Artificial intelligence** I. Norvig, Peter. II. Title.
Cited by 30344 [Related articles](#) [All 52 versions](#) [Cite](#) [Save](#) [More](#)

INSTANT SEARCH CARDS

Google Search can give live, interactive timers, coin flips, die rolls, calculators, translations, unit conversions and more.

[Blog Post Link](#)

The image displays two examples of Google Instant Search Cards. The top card is a 'TIMER' card showing a duration of 5 minutes and 00 seconds. It includes 'START' and 'RESET' buttons, a speaker icon for an alarm, and a full-screen icon. The bottom card is a 'Mass' unit converter showing that 1 Pound is equal to 16 Ounce. Both cards have a clean, minimalist design with a white background and a thin border.

Timer Card:

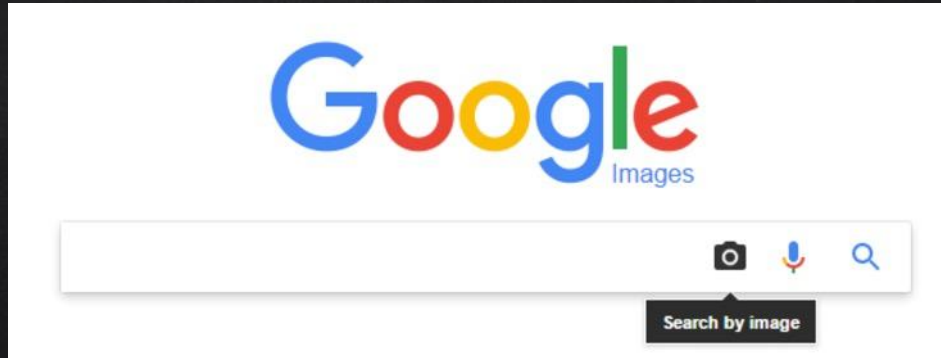
- Header: 8 TIMER
- Stopwatch icon: STOPWATCH
- Display: 5_m 00_s
- Buttons: START, RESET
- Icons: Speaker, Full Screen

Unit Converter Card:

- Category: Mass
- Equation: 1 = 16
- Units: Pound, Ounce

REVERSE IMAGE SEARCH

Upload a picture to Google's Image Search at images.google.com to find out more information about the picture



GOOGLE TRENDS

See trending current events in different categories and countries at

trends.google.com

[5x5 US Grid](#)



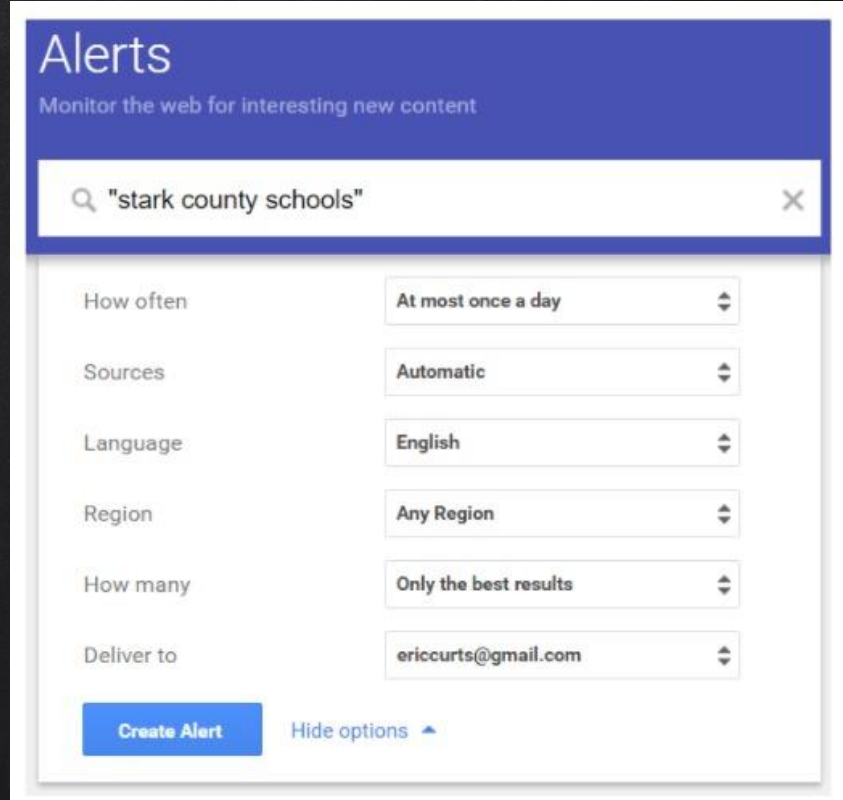
Students browse: <https://trends.google.com/trends/hottrends/visualize?nrow=5&ncol=5...>

Pear Deck Interactive Slide
Do not remove this bar

GOOGLE ALERTS

Have Google send you periodic updates for saved searches to get the latest info on a topic.

www.google.com/alerts

A screenshot of the Google Alerts web interface. The top section has a blue header with the word "Alerts" in white, followed by the subtitle "Monitor the web for interesting new content". Below this is a search bar containing the text "stark county schools" with a magnifying glass icon on the left and a close 'X' icon on the right. The main area contains several settings, each with a label on the left and a dropdown menu on the right. The settings are: "How often" set to "At most once a day", "Sources" set to "Automatic", "Language" set to "English", "Region" set to "Any Region", "How many" set to "Only the best results", and "Deliver to" set to "ericcurts@gmail.com". At the bottom left is a blue button labeled "Create Alert", and at the bottom right is a link labeled "Hide options" with a small upward-pointing triangle icon.

Alerts

Monitor the web for interesting new content

Q "stark county schools" X

How often	At most once a day
Sources	Automatic
Language	English
Region	Any Region
How many	Only the best results
Deliver to	ericcurts@gmail.com

Create Alert Hide options ▲

POWER SEARCHING WITH GOOGLE

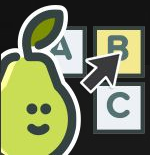
Free video courses to teach you all the tips, tricks, and tools for making the most out of the Google search engine.

[www.powersearchingwithgoogle.co
m](http://www.powersearchingwithgoogle.com)



PRACTICE

Take 5 minutes to explore one of the search tools further and then tell us what you learned. Which one will you decide to spend your 5 minutes with?



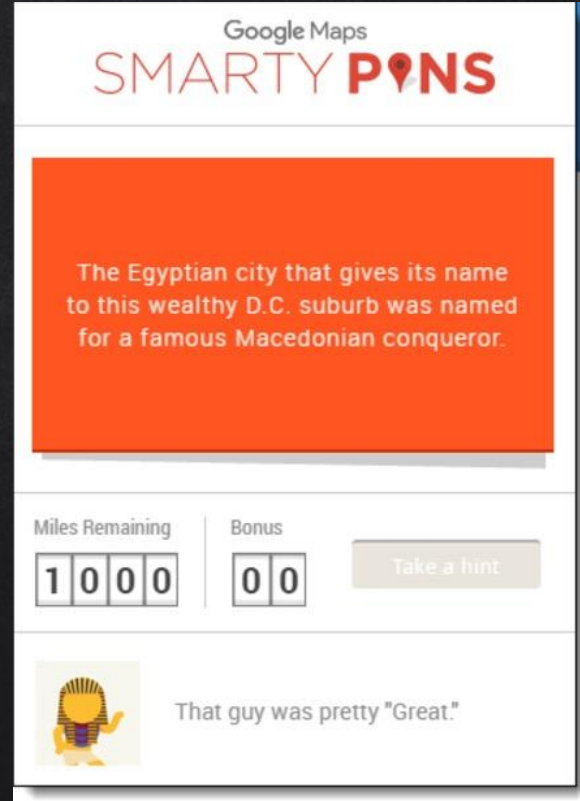
Students choose an option

MAP TOOLS

SMARTY PINS

Locate spots on a map to answer clues in a variety of content areas in this educational game.

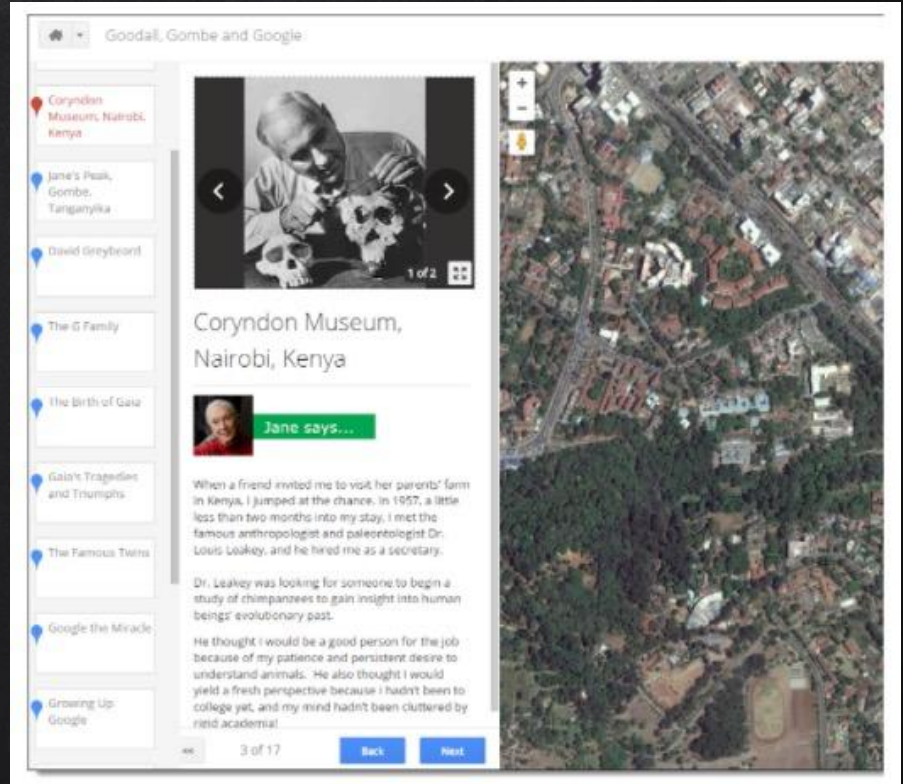
www.smartypins.withgoogle.com



TOUR BUILDER

Tell and share stories with maps by putting together tours of locations, pictures, videos, descriptions, and more.

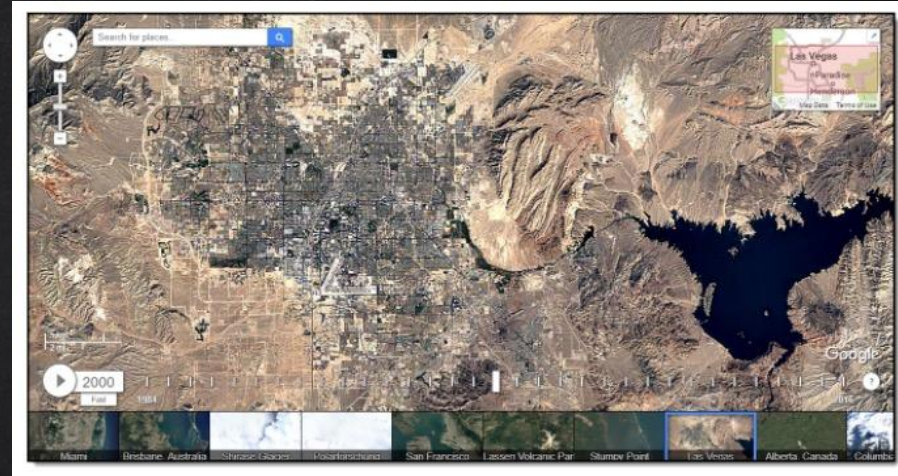
www.tourbuilder.withgoogle.com



TIMELAPSE

For any location on Earth, see the change in our world with satellite images from 1984 to the present.

www.earthengine.google.com/timelapse



CREATIVE TOOLS

GOOGLE FONTS

Google provides over 800 web fonts for use in Google tools or download at fonts.google.com

Caesar Dressing
Open Window (1 style)



IT WAS GOING TO BE
A LONELY TRIP BACK.

Elsie Swash Caps
Alejandro Inler (2 styles)



The face of the
moon was in
shadow.

Astloch
Dan Rhatigan (2 styles)



The recorded voice
scratched in the
speaker.

QUICK DRAW

Draw pictures online while Google's artificial intelligence tries to guess what you are making at quickdraw.withgoogle.com



✓ carrot



✗ crab



✓ rollerskates



✓ wine bottle



✓ flip flops

AUTODRAW

Google's AutoDraw too uses artificial intelligence to help turn your doodles into awesome art.

[Autodraw.com](https://autodraw.com)



TOONTASTIC

Toontastic lets students create, save and export 3D animated, narrated stories.

- ✗ [Toontastic.withgoogle.com](https://toontastic.withgoogle.com)
- ✗ For Android
- ✗ For iOS

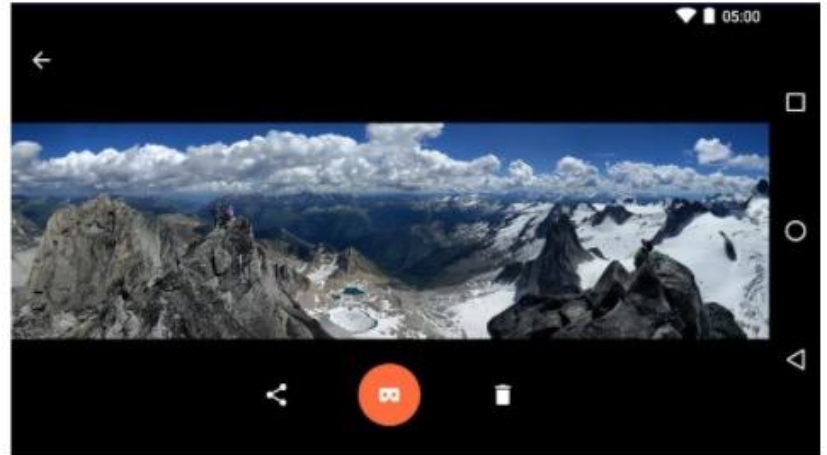


CARDBOARD CAMERA

Record, narrate, and share your own 360-degree VR “expeditions” with this mobile app.

Android version

iOS version

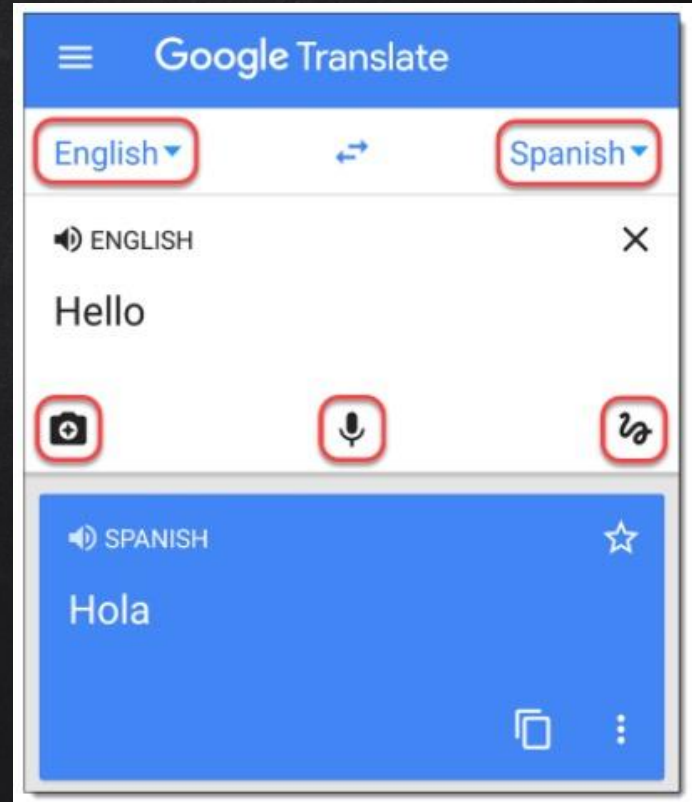


COMMUNICATION TOOLS

GOOGLE TRANSLATE MOBILE APP

The mobile Google Translate app translates:

- ✗ Words that you speak.
- ✗ Text that you hand write
- ✗ Text (signs) that you scan with your camera
- ✗ Android or iOS



CANNED RESPONSES

Gmail lab that lets you save and insert commonly used blurbs of text when writing an email

Enabled Labs

Insert

Refer to documentation

Status report template

FAQ

Canned Responses
by Chad P

Email for the truly lazy. Save and then send your common messages using a button next to the compose form. Also automatically send emails using filters.

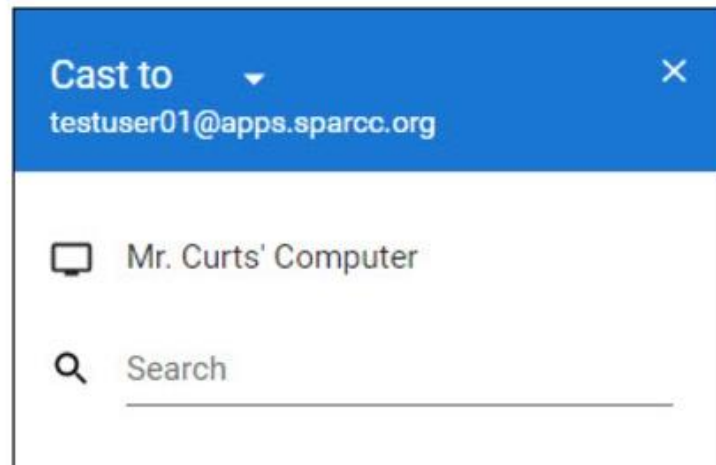
☒ Enable

☐ Disable


GOOGLE CAST

Chrome app that lets students share their screen with the teacher for the whole class to see.

Chrome Web Store Link



Who has access

 Eric Curts
eric.curts@apps.sparcc.org

Owner

Add people

Anyone you add will be able to see when this receiver is online in the Google Cast dialog.

Google PD - March 17

Teachers can present,
Students can request


ADD


CANCEL

SAVE

Cast to

testuser01@apps.sparcc.org

 Mr. Curts' Computer

 Search

QUESTIONS?

Email: plimpert.pl@gmail.com

A special thank you to Eric Curts who published much of this data earlier in 2017. It has truly energized and transformed my classrooms.

