



Google Apps, Add-ons and Extensions, OH MY!

Lisa Ward

Program Guide: ietc2018.sched.com

Download the IETC App from Google Play or App Store

Game: ietc.alludolearning.com

Must Know Info

NEED PD HOURS?

Log attendance after last session until to 12:00 AM each day to receive PD Hours. Instructions are on IETC app and website. il-edtech.org



NEW @ IETC

Game: IETC for the WIN!

Complete game activities to earn points, beat your friends, and be entered into prize drawings.

ietc.alludolearning.com

Prizes awarded during dedicated exhibit halls, the reception, and Friday's luncheon.

Thursday Evening Reception

Drinks, food, & friends.

Ballroom Lobby, 2nd Floor
Thursday, November 15
5:00 - 6:30 PM

#CoffeeEDU

Coffee, conversation, & learning.

Outside Bar Area, 2nd Floor
Friday, November 16
7:00 AM - 8:00 AM

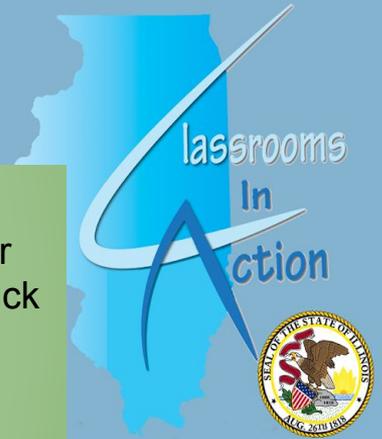
Program Guide: ietc2018.sched.com

Download the IETC App from Google Play or App Store

Definitions for this presentation.....

Apps - Applications that run on a “popup” style application.

(Due to changes in Google last spring, only ChromeBooks can “search” for Apps on the Web Store. PC’s can still install and use any of these apps if you click directly to the app’s Web Store page. Such as the links in this presentation.)



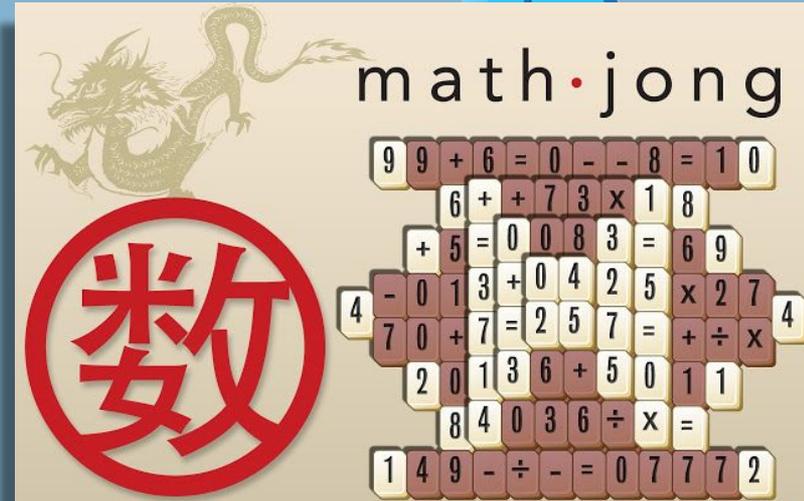
Add-ons - Tools that can be added to enhance the productivity, creativity and overall uses for Google Forms, Slides, Docs and Sheets.

Extensions - Tools added to enhance the abilities or activities on the user’s current webpage. Once installed the icons for the tool is located to the right of the Omni Bar with the URL.

https://chrome.google.com/webstore/detail/math-mahjong/cbcfbhpnnggegochhbdlanodnmijfplal?utm_source=chrome-ntp-icon

Google Apps - MATH-JONG

- Four levels of math!
- Users should have an understanding of multiplication and division to be successful.
- Math sentences can be more than one step: $8 \times 8 / 4 - 8 = 8$



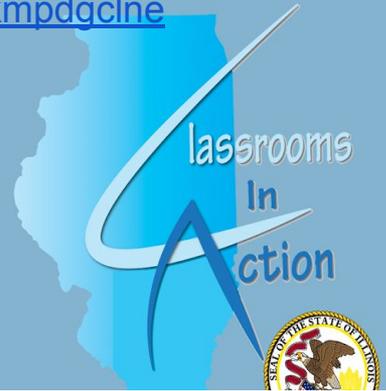
Mahjong WORDS also available

https://chrome.google.com/webstore/detail/mahjong-words-2/akoaiibgodkfmengiiainfdbjmmamfall?utm_source=chrome-ntp-icon

<https://chrome.google.com/webstore/detail/plotly/khajkhinhlhaenlhpodnblkmpdgcne>

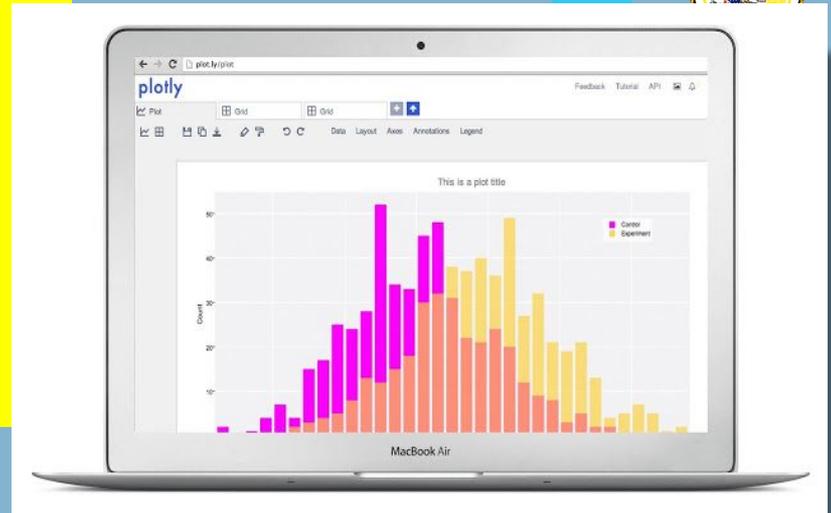
Google Apps- PLOTLY

Online, free, graphing and spreadsheet tool



You can use Plotly for scientific-quality graphing

- Line graphs, bar charts, heatmaps, histograms, box plots and more
- Import data from files, Dropbox, and Google Drive.
- Analyze data with fits, functions, stats, and more.
- Collaborate by sharing projects with your team.
- Share graphs online, in presentations, or to social media sites.



<https://www.mathlearningcenter.org/resources/apps>

Google Apps - Math Manipulatives

Web Apps
iOS Apps
Chrome Apps



Fractions



Math Vocab



Number Line



Number Pieces Basic



Geoboard



Money Pieces



Number Frames



Number Frames



Number Rack



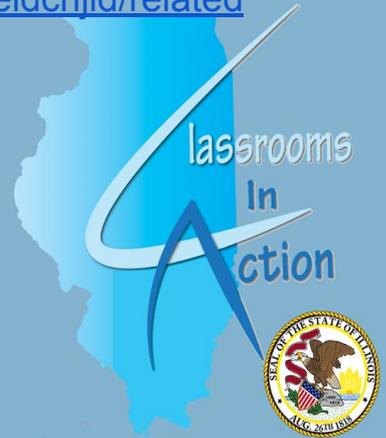
Pattern Shapes

<https://chrome.google.com/webstore/detail/pixlr-express/hojmjpdlmjopaeginhldhiokeidchjid/related>

Google Apps - Pixlr Editor



- Easy to use and save to Google Drive or anywhere else.
- Over 2 million combinations of free effects, overlays, and borders.
- Crop, resize, rotate any picture/graphic
- Auto Fix, red eye fix, and witten teeth
- They say “AD FREE”, however there are running ads on the right side.



https://chrome.google.com/webstore/detail/periodic-table-chemistry/iolcandfmpnldcegcmicjbdpcckflob/related?utm_source=chrome-ntp-icon

Google Apps- Periodic Table- Chemistry Tools



Transition Metals

1 H	2 He																														
3 Li	4 Be	5 B	6 C	7 N	8 O	9 F	10 Ne																								
11 Na	12 Mg	13 In	14 Si	15 P	16 S	17 Cl	18 Ar																								
19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr														
37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe														
55 Cs	56 Ba	57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn
87 Fr	88 Ra	89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Uut	114 Fl	115 Uup	116 Lv	117 Uus	118 Uuo

Classification: IIA, IVA, VA, VIA, VIIA, VIIIA

Lanthanide: 57 La, 58 Ce, 59 Pr, 60 Nd, 61 Pm, 62 Sm, 63 Eu, 64 Gd, 65 Tb, 66 Dy, 67 Ho, 68 Er, 69 Tm, 70 Yb, 71 Lu

Actinide: 89 Ac, 90 Th, 91 Pa, 92 U, 93 Np, 94 Pu, 95 Am, 96 Cm, 97 Bk, 98 Cf, 99 Es, 100 Fm, 101 Md, 102 No, 103 Lr

ChemNinja

Non Metal

SUMMARY

32.065

Sulfur (16)

Electron Configuration: $[Ne] 3s^2 3p^4$

Stable Isotopes: ^{32}S , ^{33}S , ^{34}S , ^{36}S

ATOMIC WEIGHT: 32.065

MELTING POINT: 115.21 °C

BOILING POINT: 444.72 °C

Summary Properties Description Compare

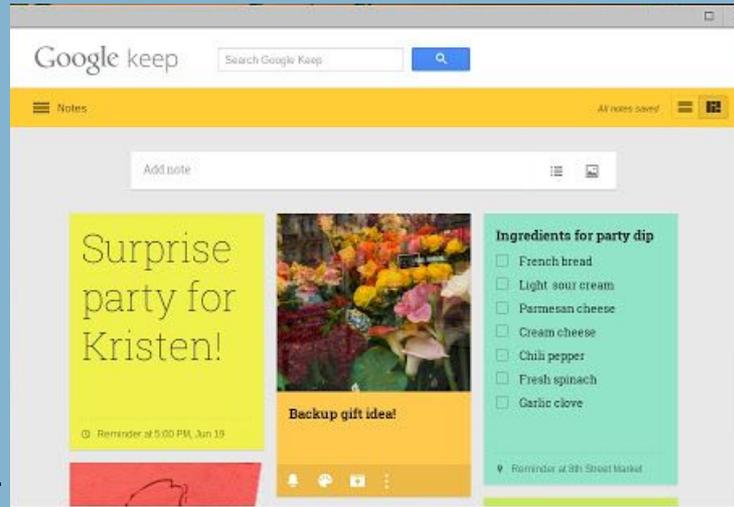
ChemNinja

<https://chrome.google.com/webstore/detail/google-keep-notes-and-lis/hmjkmjkepdijhoojdojkdfohbdgm/mhki>

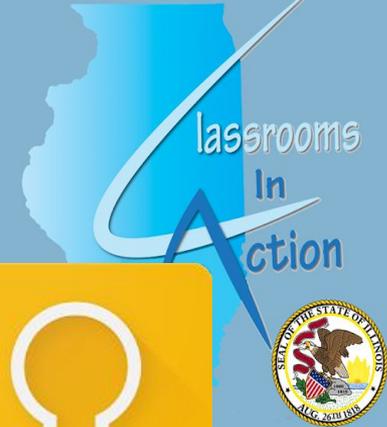
Google Apps - GOOGLE KEEP

Note keeping that goes everywhere.

- Color code
- Add labels
- Audio notes
- Include pictures
- Include videos
- Save links
- Share individual notes with others
- SYNC between all devices with the same Gmail account.



Open Keep within Google Docs to be able to copy any into a document.



KINDLE- <https://www.amazon.com/keep-google-com-Google-Keep/dp/B00SZEKTS>

ANDROID- https://play.google.com/store/apps/details?id=com.google.android.keep&hl=en_US

iOS- <https://itunes.apple.com/us/app/google-keep-notes-and-lists/id1029207872?mt=8>

https://chrome.google.com/webstore/detail/twitter-archiver/pkanpfekacaojdnfcgjbadedbgbbphi?utm_source=permalink

Google Add-ons - SHEETS

Twitter Archiver (formerly Twitter Curator)



Copy of the SHEET with the add-on and "importrange" formula

<http://bit.ly/2K6u7m6>

Date	Screen Name	Full Name	Tweet Text	Tweet ID	Link(s)	Media
11/12/2018	@MatthewWeid	Matt Weid	Looking forward to sharing and learning at #IETC2018 this week!	1062040396480634881		pic.twitter.com/EZAHgC
11/11/2018	@PisaShelly	Shelly Robinson	#IETC2018 Only 4 more days until we talk about expanding the classroom outside 4 walls. Be sure to check out the presentation and MERGE giveaway. #Mergecubesareawesome @MergeVR	1061829549594501120		
11/11/2018	@SturmDon	Don Sturms	Who all is going to #IETC2018 #IETC18?	1061706129611386882		
11/10/2018	@shielarambo	Shiela Rambo	Looking forward to be able to attend the @ILEdTechCon this year! It is the perfect fire I need! #ietc2018	1061370933800251392		pic.twitter.com/suWdV/
11/9/2018	@hapara_team	Hapara Team	Can't wait to connect with Illinois educators next week! Come by Hapara booth #99 to see @ryan_glassman & learn more about how Hapara supports digital learning in #suiteedu at #IETC2018	1060986641689518080		https://jobs.twimg.com/
11/9/2018	@teachittrainer	Erin Buteau	I'm excited to speak at IETC2018 #IETC2018 @sched	1060944013329645569	https://ietc2018.sched	
11/9/2018	@teachittrainer	Erin Buteau	I'm excited to speak at IETC2018: Hanging Out Across the District will be about bringing in people from outside your classroom walls! #IETC2018 @sched	1060943784333271040	https://ietc2018.sched	

Included in the sheet:

Date

Screen name of tweeter

Full name

Tweet Text

Tweet ID

Links provided in the Tweet

Media included in the Tweet

Location (If turned on for user)

Retweets

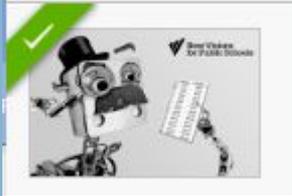
Favorites

App used

User details that are in their public profile.

Google Add-ons - Sheets

autoCrat



- Take data from a sheet and merge specific columns into a template.
- Templates are best created prior to running autoCrat.
- Templates can be in DOCs or SLIDES.
Example template for the Twitter Archiver Sheet:

IETC 2018 Twitter Archiver Results

<<Screen Name>>	<<Tweet Text>>	<<Links>>
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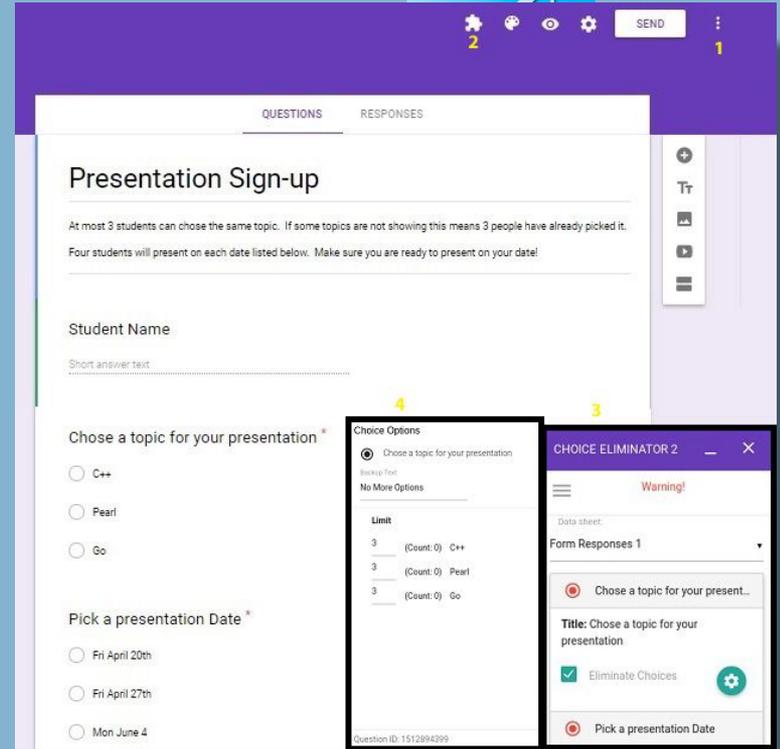
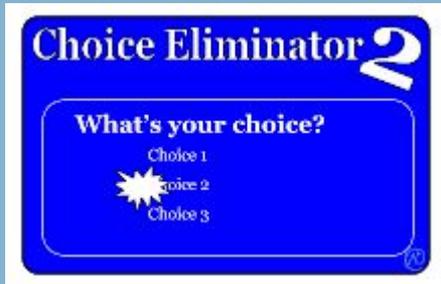


https://chrome.google.com/webstore/detail/choice-eliminator-2/mnhoinjhfhafgieggnhjekliaodnkigj?utm_source=permalink

Google Add-ons - FORMS

Choice Eliminator 2

- Parent-Teacher Conferences
- Class donations list
- Student sign up for presentation/activity times
- Presentation topic selections



https://chrome.google.com/webstore/detail/easy-accents/njbfdnnpglehleliionpfcbackdhnid?utm_source=permalink

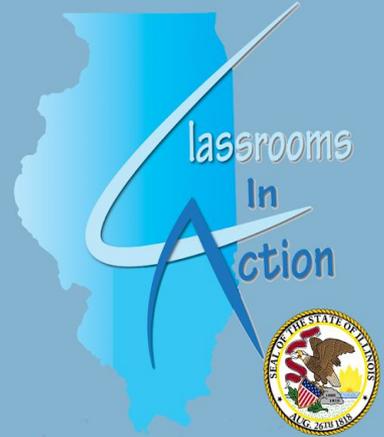
Google Add-ons - DOCs

Easy Accents



Languages

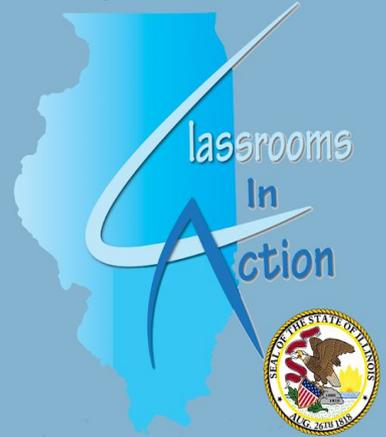
- | | |
|---------------|----------------|
| Afrikaans | Lithuanian |
| Ancient Latin | Maori |
| Catalan | Pinyin Tones |
| Czech | Polish |
| Danish | Portugues |
| Dutch | Sami |
| Esperanto | Sanskrit |
| Finnish | Serbo-Croatian |
| French | Spanish |
| German | |
| Hawaiian | |
| Hungarian | |
| Icelandic | |
| Italian | |
| Latvian | |



https://chrome.google.com/webstore/detail/openclipart/jhlfidiflonnipfdneahngjdcaloajn?utm_source=permalink

Google Add-ons - DOCs

Open Clipart



More than 50,000 images in the library you will be able to find that perfect image. Simply choose ClipArt from the add-on menu and use the search box in the ClipArt sidebar to type in what you're looking for. Use the page buttons at the bottom of the add-on to view more clipart.



The “page buttons” at the bottom of the menu box can be tricky.....sometimes the “pro version” gets selected. You can just return to the original page if this happens.

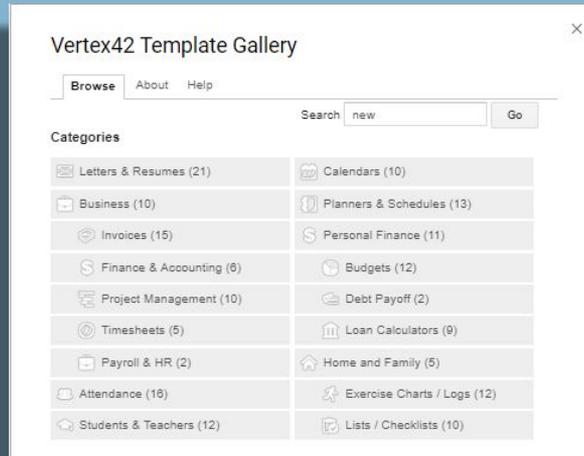
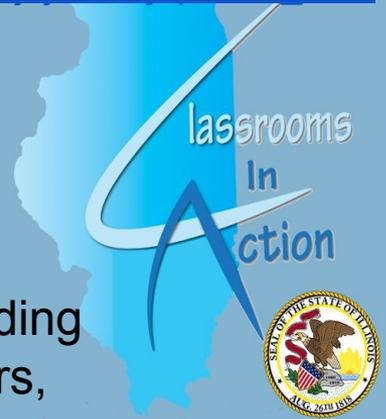
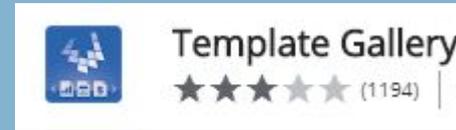
NOTICE- 14,937 Pages available.

https://chrome.google.com/webstore/detail/template-gallery/depappokkobahhoficldfjnjaamojap?utm_source=permalink

Google Add-ons - DOCs

Template Gallery

Browse a large gallery of professionally designed templates, including calendars, schedules, invoices, time sheets, budgeting tools, letters, resumes, financial calculators, and more.



Homework Planner
Lesson plans
GPA calculator
Attendance
Blank calendars
Resumes
Business letters
Memos
Interview Thank You letters

https://chrome.google.com/webstore/detail/lucidchart-diagrams/klhpiejgijicglpcaanggahphcgckpm?utm_source=permalink

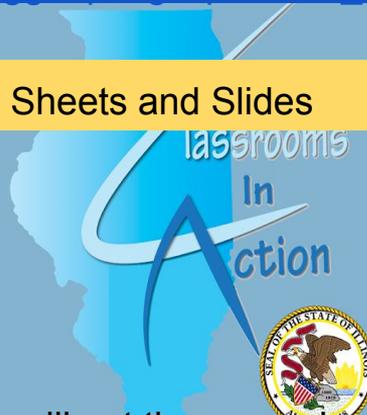
Google Add-ons - DOCs

LucidChart

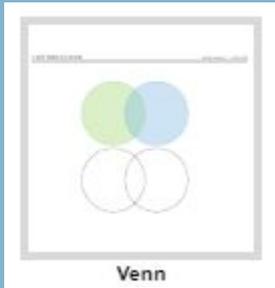


Quickly create and insert flowchart, UML, wireframe, mind map, and more diagrams directly into a Google document.

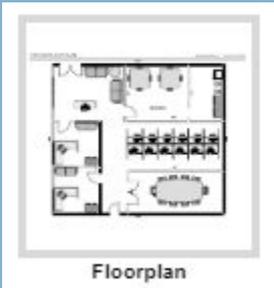
Also works in Sheets and Slides



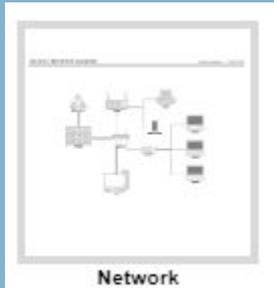
Once you have one account you will get the second.



Venn



Floorplan



Network



K-12 Students and Teachers

To upgrade to your Educational Account for primary education please follow these steps:

1. Register for a [free account](#) with your educational email address.
2. You should automatically be upgraded to the free Educational Account.

If you see a banner at the top of your documents page indicating that you are on a free account, please follow the instructions found in the "Don't fall into these categories? Having Issues?" section of this article.



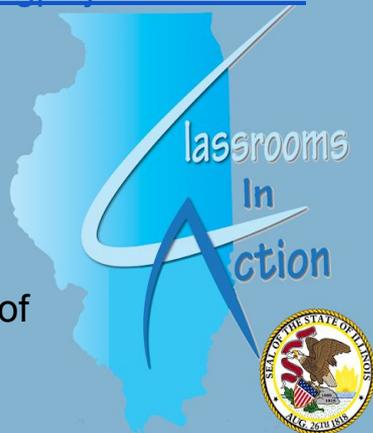
<http://bit.ly/2qFELr2>

https://chrome.google.com/webstore/detail/sas-writing-reviser/fhjdpkmenphkpeogpeljncfmbkknmkje?utm_source=permalink

Google Add-ons - DOCs

SAS Writing Reviser

Free suite of tools that provides guidance and support throughout the revision stage of the writing process. This add-on provides students with feedback about their writing and enables them to address a range of potential writing problems, including weak verbs, excess prepositional phrases, dangling modifiers, and faulty sentence structure.



 **WritingReviser**

▼ **Sentence Economy**

Look for ways to make your writing more economical.

- Wordiness
- Prepositional Phrases
- Passive Voice
- Relative Clauses
- Repeated Words

▼ **Sentence Variety**

Vary your sentences to make them more interesting.

- Simple Sentences
- Sentence Fragments
- Run-on Sentences
- Subject-verb Openings
- Prep Phrase Openings
- Subordinate Clause Openings
- Transitions

▼ **Sentence Power**

To write forcefully, you must choose forceful verbs. They drive your sentences the way an engine powers a car.

Find ways to make your sentences more powerful.

- All Verbs
- Weak & Hidden Verbs
- Verb Tenses

Stan Lee, the colorful Marvel Comics patriarch who **helped usher** in a new era of superhero storytelling -- and **saw** his creations **become** a giant influence in the movie business -- **has died**.

He **was** 95.

Kirk **Schneck**, an attorney for Lee's daughter, **tells** CNN the comic giant **was taken** by ambulance from his Los Angeles home on Monday morning to **Cedar's** Sinai Medical Center, where he later **died**. The cause of death **is not yet known**, according to Schneck.

Lee **began** his career at what **was** then Timely Comics in 1939. Over the years he **was** a writer, editor and occasional illustrator. But, bored with the output, he **was preparing** to leave the company when history **took** a sudden turn.

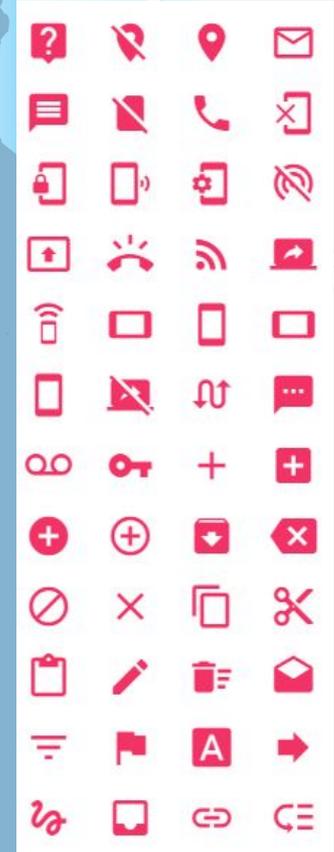
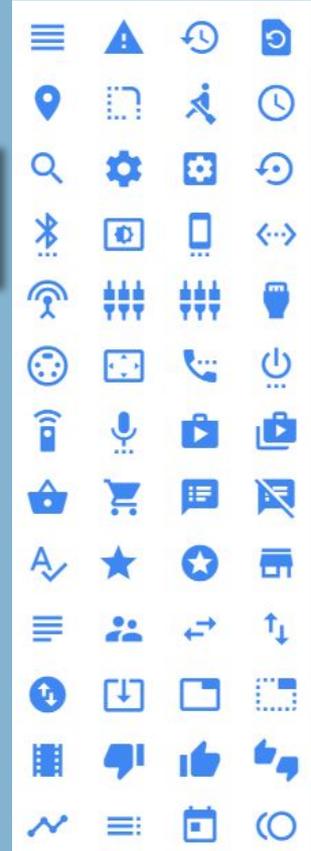
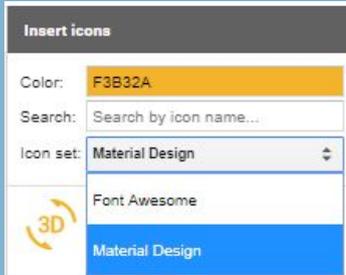
For many years, the business **had been dominated** by DC (then National) Comics, creators of Superman, Batman, Wonder Woman and the Green Lantern.

In the late '50s, DC **started** reimagining its heroes -- kicking off what comics historians **call** the "Silver Age" of the business -- but those figures **were** still, largely, otherworldly and two-dimensional, living in made-up places such as Metropolis and Gotham City.

https://chrome.google.com/webstore/detail/insert-icons-for-slides/ebobdijloifekdgihibghageadfgbml?utm_source=permalink

Google Add-ons - SLIDES

Insert Icons



https://chrome.google.com/webstore/detail/math-equations/edb1ogkpgmbdkmgmdcdmgmnoahbcdml?utm_source=permalink

Google Add-ons- SLIDES

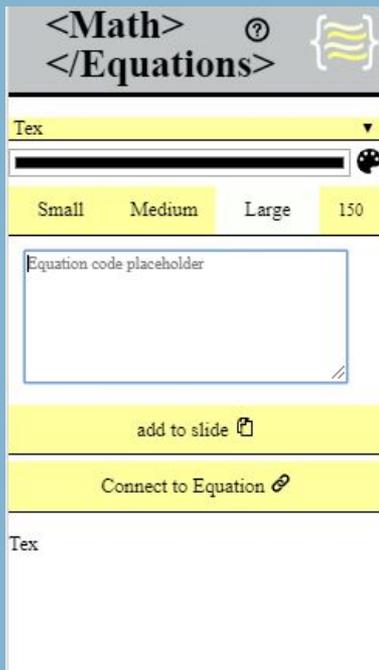
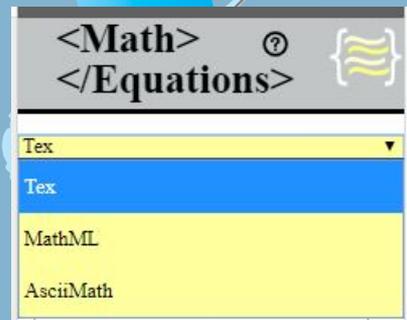
Math Equations



Math Equations

★★★★☆ (151)

offered by codersdilemma.com



Choose the math type you will be inputting.

Users can select the size and color of the product. The add-on creates a picture file for the slide.

$$\sum_{i=1}^n i^3 = \left(\frac{n(n+1)}{2} \right)^2$$

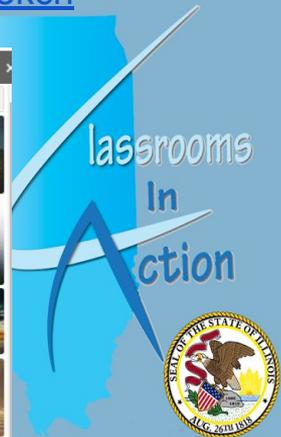
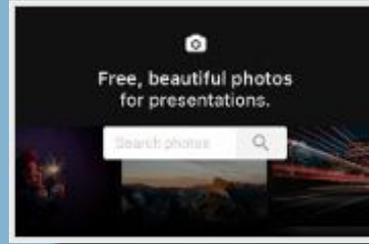
$$E[\sigma^2] = E \left[\frac{\sum_{i=1}^n (x_i - \bar{x}_n)^2}{n} \right] = \frac{1}{n} E \left[\sum_{i=1}^n (x_i - \bar{x}_n)^2 \right] = \frac{1}{n} E \left[\sum_{i=1}^n (x_i^2 - 2x_i \bar{x}_n + \bar{x}_n^2) \right] = \frac{1}{n}$$

https://chrome.google.com/webstore/detail/unsplash-photos/aldghkomejnfjohekcnedoeecfbhacjm?utm_source=permalink

Google Add-ons - SLIDES (DOCs also)

Unsplash Photos

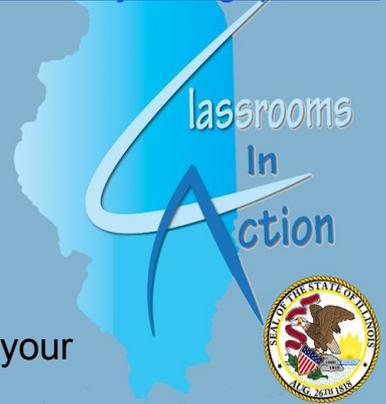
- Search for Copyright Free Photos
- High Definition photos
- Search keywords



https://chrome.google.com/webstore/detail/lastpass-free-password-ma/hdokiejnpimakedhajhdlcegeplioahd?utm_source=chrome-ntp-icon

Google Extensions

Lastpass



- Only remember one password - your LastPass master password.
- Save all your usernames and passwords to LastPass, and it will auto login to your sites and sync your passwords everywhere you need them.
- Mobile app available so you have all your passwords with you whenever you need to find one.

Login



Email:

Password:

[Forgot Password](#)

Login



Email:

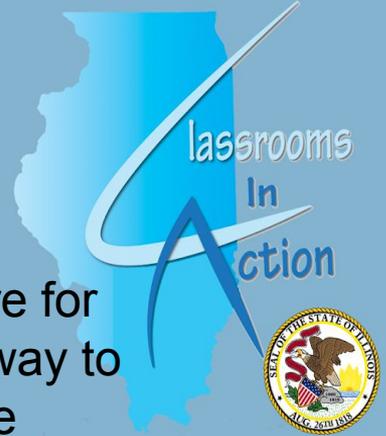
Password:

[Forgot Password](#)

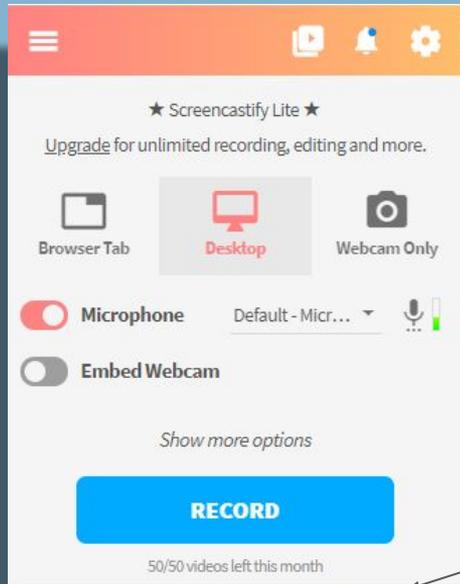
<https://chrome.google.com/webstore/detail/screencastify-screen-vid/mmeijimgabbpbgpdklnllpncmdofkcpn>

Google Extensions

Screencastify



A simple video screen capture software for Chrome. Screencastify is the easiest way to record, edit, annotate, store, and share video screen recordings. Record a specific tab, or your whole desktop at the click of a button.



Extension can also just record the webcam or embed the webcam within the other frame.

Free Account has 50 videos per month.

<https://chrome.google.com/webstore/detail/smart-qr-code/bpneiabdnfmenainoficenddegfhgedo>

Google Extensions

Smart QR Code



- Quickly create a QR code for the website you are on.
- Users can place an icon in the center.
- When the QR Code come up, users can right click in the center and then save picture as in thier drive. (Name it something you will understand....nothing worse than having to “scan through” many codes to find the one you are looking for!)



To add an icon to the center

https://chrome.google.com/webstore/detail/g-suite-training/idkloemkmlbemijiamdiolojbffnjlh?utm_source=chrome-ntp-icon

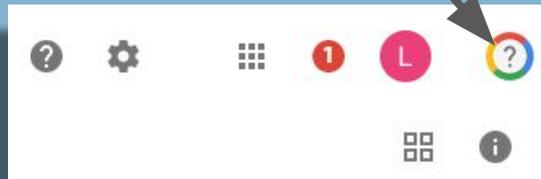
Google Extensions

G Suite Training

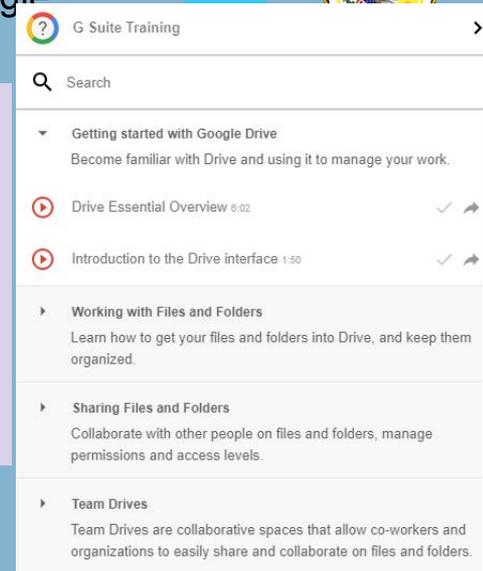


- Interactive training and walkthroughs, right within G Suite
- G Suite Training is a Chrome extension that offers simple and interactive training lessons to get you up and running fast with G Suite (formerly Google Apps- Docs, Sheets, Forms, Slides...etc.).

Once the Extension is installed every time the user goes to a Google Page this icon will show up next to their login picture.



Click the icon and a list of video tutorials will pop up and guide you through what you can do on the page you are on. Google Drive, Forms, Google Sites....etc.



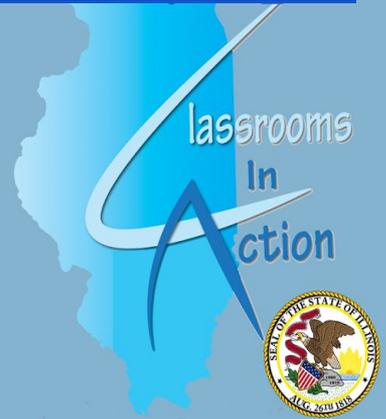
https://chrome.google.com/webstore/detail/save-to-pocket/niloccemoadcdkdjlinkgdfefekeahmflj?utm_source=chrome-ntp-icon

Google Extensions

Save to Pocket



The best way to save articles, videos and more. When you find something in Chrome that you want to view later, put it in Pocket. It automatically syncs to your phone, tablet or computer so you can view it at any time, even without an internet connection.



Articles in My List

- Smile, You're Speaking Emoji: The Rapid Evolution of a Wordless Tongue**
Best Of
nytmag.com
- How to Make Yourself Work When You Just Don't Want To**
Best Of
hbr.org
- The Minecraft Generation**
Best Of
nytimes.com
- How Podcasts Became a Seductive—and Sometimes Slippery—Mode of Storytelling**
Trending
newyorker.com
- Mental Models: How to Train Your Brain to Think in New Ways**
Best Of
jamesclear.com
- Forget About Setting Goals. Focus on This Instead.**
This article is an excerpt from Atomic Habits, my New York Times bestselling book.
jamesclear.com

https://chrome.google.com/webstore/detail/opendyslexic/cdnapgjopgagqgbmfghiinmmbdcglnam?utm_source=chrome-ntp-icon

Google Extensions Open Dyslexic



Will convert documents written in Google Docs or in WORD online!

Format website and online WORD pages using the OpenDyslexic font and low contrast help. Open-Dyslexic is an open sourced font created to increase readability for readers with dyslexia. This extension overrides all fonts on webpages with the OpenDyslexic font, and formats pages to be more easily readable.



Veterans Day, celebrated annually on November 11, is a **federal** holiday to **honor** the brave men and women of the United States Armed Forces. This includes everyone who has served in the US Army, Navy, Marine Corps, National Guard, Air Force, and the Coast Guard. The holiday often gets confused with Memorial Day, which is observed on the last Monday of May. While both pay respect to our soldiers, they each serve a different purpose. Memorial Day honors all US military personnel who have died or **sustained** a wound in a war. Veterans Day, on the other hand, pays **tribute** to all servicemen and servicewomen – both living and dead. Its **primary** purpose, however, is to thank living **veterans** for their service and sacrifices.

Before

After

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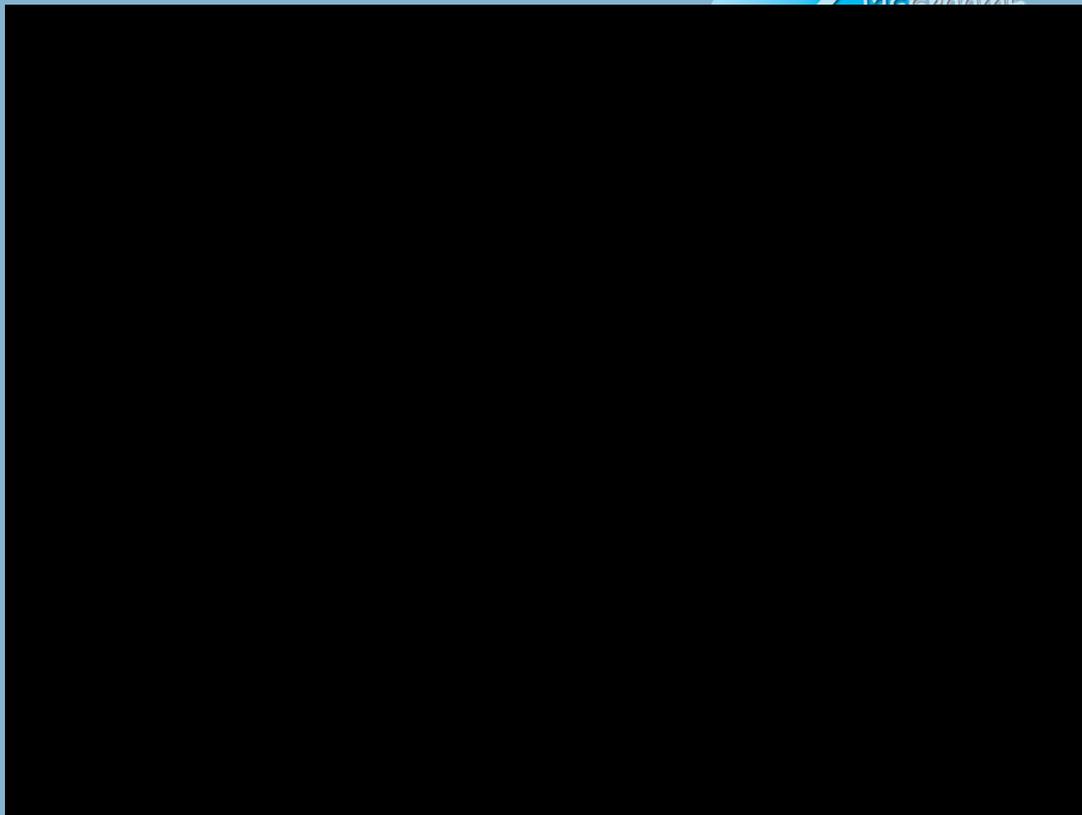
<https://chrome.google.com/webstore/detail/draftback/nnajoiemfpldioamchanognpjmocgkbg?hl=en-US>

Google Extensions

Draft Back



Play back the revision history of any Google Doc you can edit. It's like going back in time to look over your own shoulder as you write. Unlike revision history within Google this extension will allow you to open any DOC, even educators that are not "shared" on the doc.



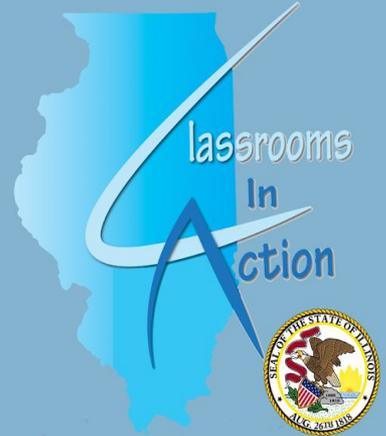
- Home
- Assessment
- Audio/Video
- Classroom/Teacher Resources
- Computer Science
- Content Areas
- Digital Portfolios
- Digital/Print Creation
- Google
- Integration
- Interactive Whiteboard
- Learning to Code
- LMS Platforms
- Makers/3D Projects
- Microsoft
- Mobile APPS
- Open Educational Resources
- Presentation/Visual Arts
- Research Tools
- Social Emotional Learning
- Special Needs
- Technology Terms
- Website/Online Tools



Welcome!

The Illinois Classrooms in Action Tech for Teachers website is designed to connect classroom teachers with a sample of resources and ideas to support the integration of technology into their instruction. Educators have a wide range of digital materials and tech tools available. The purpose of this site is to provide a limited compilation for those who do not have the time to investigate the many excellent tools currently available. All of the resources reviewed on this website are free to access or they have a free component for educators. Some may have an upgrade available at a cost. All platforms are K-12 unless there is a specific grade level within the platform's description. Websites are accessible on all devices unless otherwise specified in the descriptions. Please provide feedback regarding items listed to the email at the bottom of each page as the content will continuously change. The resources listed here do not constitute or imply endorsement or favoring by the Illinois State Board of Education.

How to find resources on this site: Technology can be used for so many different purposes that it can be difficult to find a tool even the menus listed on websites. As you will see there is a search box located on *EACH* webpage to assist with finding tools that could be listed in multiple locations. The search box will return items from this website that match the word(s) entered. If you are looking for "science" items that term will return everything that matches the word "science" on the website, regardless of the category.



www.ilclassroomtech.weebly.com