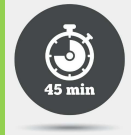# 45 FREE Software Tools in 45 Minutes

Presented by: Robert McWilliams

45 min

Overview

- Why is it free?
- What are the dangers of these free resources?
- Free Resources
  - Office Productivity
  - Grammar Tools
  - Plagiarism Checkers
  - Survey
  - Cloud Based Storage
  - Video & Presentation
  - Image Editors / Audio Editors
  - Apple Media Tools
  - File Conversation
  - Content Management Systems
  - Utility Programs
  - Social Media Tools
  - Communication Tools
  - File Transfer
  - Scholarships

OVERVIEW

Background

- Over 15 years' experience working in post-secondary utilizing exceptional computer & people skills.
- Worked at five institutions – both community college and university
- Over 12 years' experience using course management software – including use of Canvas, Blackboard, WebCT, eCollege, Moodle, My Math Lab and others.
- Experience teaching nine collegiate courses over five disciplines.
  - MTH
  - OAD
  - ORI
  - CIS
  - PSY
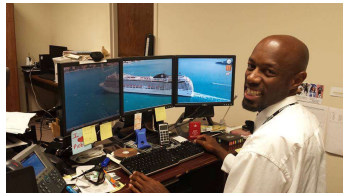
Why is it free?

- These applications are free because they fall under the following:
  - Open-Source
  - Designed by an Educational Institution/Non-Profit entity

What are the Dangers?

- Many "free" programs often contain malicious code – including spyware & viruses.
- The items presented are programs I have used and/or known about. They are likely to be safe.
- As always, be sure your Anti-Virus program is up to date when installing programs or operating online. ☺

Office Productivity

Open Office

- Office Productivity Suite
  - Word Processor
  - Presentation
  - Database
  - Spreadsheet
  - Draw
- This program is compatible with numerous vendor formats including Microsoft, Corel, dBase, Quattro Pro, Adobe, etc.
- Works on PC, MAC, Linux, & Solaris
- http://www.openoffice.org

Microsoft Office 365

Office 365 Education

Get started with Office 365 for free

Students and educators at eligible institutions can sign up for Office 365 Education for free, including Word, Excel, PowerPoint, OneNote, and now Microsoft Teams, plus additional classroom tools. All you need is a valid school email address. It's not a trial – so get started today.

Enter your school email address

GET STARTED

NOT ELIGIBLE? SEE MORE OPTIONS >

LEARN HOW TO BUY FOR SCHOOLS >

- https://www.microsoft.com/en-us/education/products/office
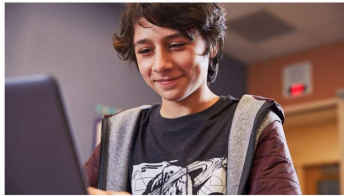
WordWeb

Dictionary Program
- Can be used as a stand alone program or inside of any other program to get definitions, synonyms, antonyms, and pronunciation of words.
- Available for PC, Android & iOS
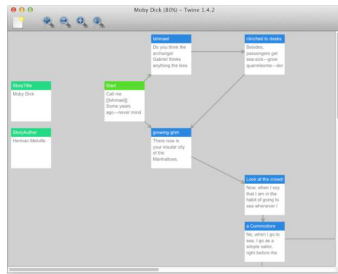- http://www.wordwebsoftware.com/

Merriam-Webster Apps

- America's most useful and respected dictionary.
- Available for Android, iPhone & iPad.
- www.m-w.com, then click on Free Apps.

Twine

- Twine is an open-source tool for telling interactive, nonlinear stories.
- https://www.twinery.org/

Class-Templates

- Templates and Free Teacher Resources, Lesson Plans, Attendance Tracking and Class Administration Tools.
- https://www.class-templates.com/

Grammar Tools

Grammerly

- Grammarly makes sure everything you type is easy to read, effective, and mistake-free.
- Grammarly scans your text for proper use of more than 400 advanced grammar rules, spanning everything from subject-verb agreement to article use to modifier placement.
- https://www.grammarly.com

Fix Your Spelling and Grammar

I can assure you this won't effect our timeline.

CORRECTNESS: SPELLING

effect → affect

Virtual Writing Tutor

Share:

Terms   Tests ˅   IELTS   Pen Pals   Hypertext Narrative   Outliner   Contact   Blog   API   Forum   Feedback   Games   Profile   Login   ≡

Check grammar, punctuation, spelling, paraphrasing, and vocabulary, or outline essays and write hypertext narratives.

Word Count   Check Grammar   Check Target Structures   Check Punctuation   Check Essay   Check Writing   Check Vocabulary   Clear
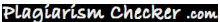
Type, speak or copy-paste your text here. Members can now check 3000 words and non-members can check 500 words. Membership is 100% free. Click the Login button to become a member today.
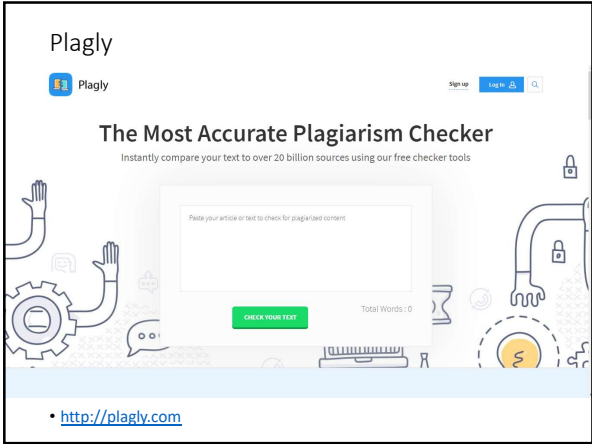
Example #1   Example #2   ABC   🎤 🔊

- https://virtualwritingtutor.com

Plagiarism Checkers

Plagiarism Check Websites

- The sites below provide instructors with tools to check for plagiarized assignments.
  - http://www.articlechecker.com/

    Article Checker
    Check Search Engine Coverage
    Check Articles and Website Pages For Duplication
  - http://www.plagiarismchecker.com/

    Plagiarism Checker .com
  - http://www.duplichecker.com/

    Dupli Checker

Plagly

Plagly   Sign up   Log in   Q

The Most Accurate Plagiarism Checker

Instantly compare your text to over 20 billion sources using our free checker tools

Paste your article or text to check for plagiarized content

CHECK YOUR TEXT   Total Words : 0

- http://plagly.com

Survey

Zoomerang | Survey Monkey

- http://www.zoomerang.com

Zoomerang & SurveyMonkey, Together At Last.

All new signups are being directed to SurveyMonkey. Join today and:
- Create surveys with ease
- Make better decisions
- Expand your reach
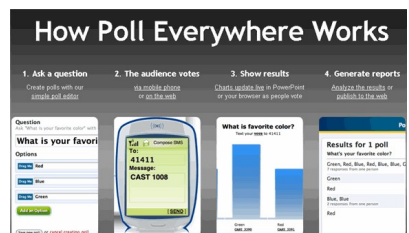
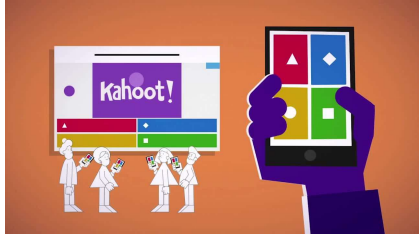- http://www.surveymonkey.com

---
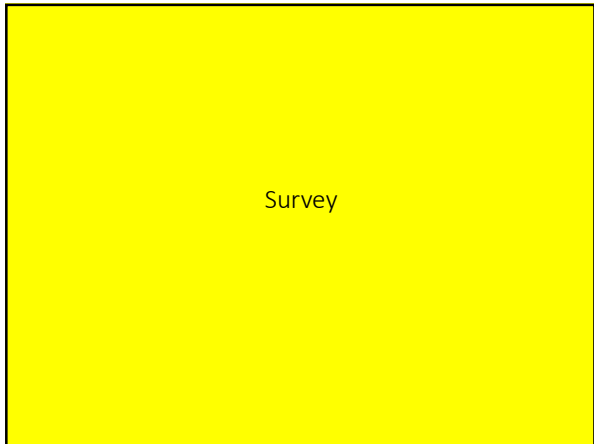
Poll Everywhere

Poll Everywhere

- Audience response system that uses mobile phones, twitter, and the web. Responses are displayed in real-time.
- www.polleverywhere.com

How Poll Everywhere Works

1. Ask a question — Create polls with our simple poll editor
2. The audience votes — via mobile phone or on the web
3. Show results — Charts update live in PowerPoint or your browser as people vote
4. Generate reports — Analyze the results or publish to the web

Kahoot!

- Learning, Games, surveys and Mobile interaction made fun
- https://kahoot.com

Wufoo

- 5 Forms
- 100 Entries
- 10 Fields
- 1 User
- 100 API Requests
- Unlimited Reports
- www.wufoo.com

WUFOO
The Online Form Builder

Start creating forms today

EMAIL ADDRESS

At least 7 characters with one letter and number

PASSWORD

Your custom Wufoo URL

USERNAME

SIGN UP FOR FREE

Cloud Based Storage

DropBox

- 2 GB of space
- Sync files across devices
- Shared folders and links
- Dropbox Paper
- https://www.dropbox.com

iCloud

- 5GB: free
- Accessible across multiple platforms:
  - iPhone, iPad, iPod touch, Mac, or Windows PC at any time
- https://www.icloud.com/
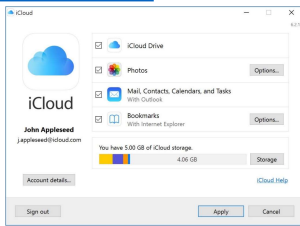
One Drive
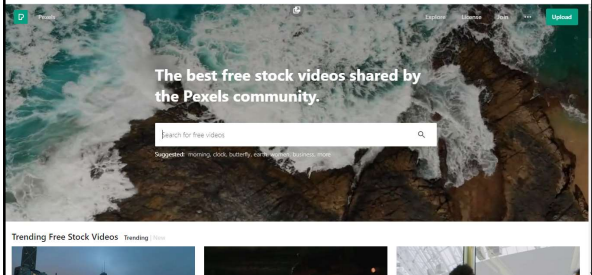
- 5GB
- a simple way to store, sync and share various types of files, with other people and devices on the internet.
- https://onedrive.live.com

Video & Presentation

Pexels FREE Stock Videos
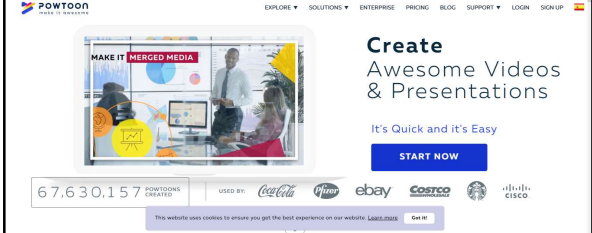
- https://www.pexels.com/videos/
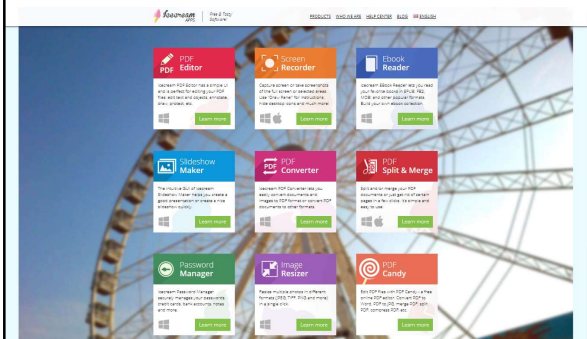

Powtoon

- www.powtoon.com

CamStudio

- CamStudio is able to record all screen and audio activity on your computer.
- Output: AVI video files and Streaming Flash videos (SWFs)
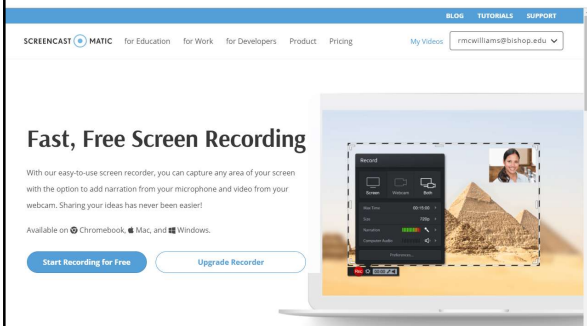- Platform: Windows
- http://www.camstudio.org/

Ice Cream

- www.icecreamapps.com

Screencast-O-Matic

- https://screencast-o-matic.com/
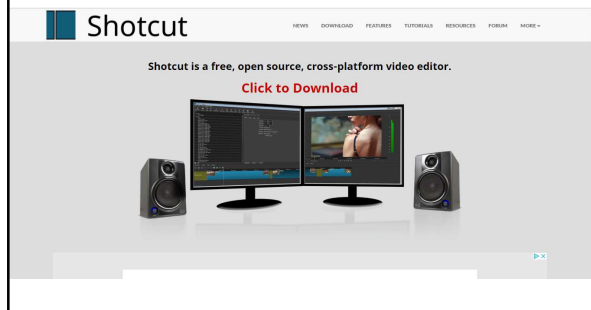- Works on Windows, Mac and Chromebook

Animoto

- Drag and drop your photos, videos and music to create and share videos online. New Layouts & Templates. FB Marketing Partner. Make a Video in 5 Minutes. Pro-Quality Videos. Social Media Videos
- http://animoto.com/

Shot Cut

- www.shotcut.org
- Available on PC, Mac & Linux

Shotcut is a free, open source, cross-platform video editor.

Click to Download

Clip Champ

- Clipchamp is a free service that doesn't require you to upload your video to its website. The files stay on your computer unless you opt for one of the company's integrated options. There is no limit on file size. Services include:
- Flipping or mirroring the video
- Trimming unwanted parts from the video
- Rotating files clockwise or counterclockwise
- Cropping out unwanted sections of the video
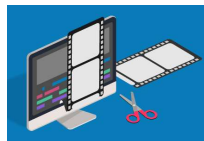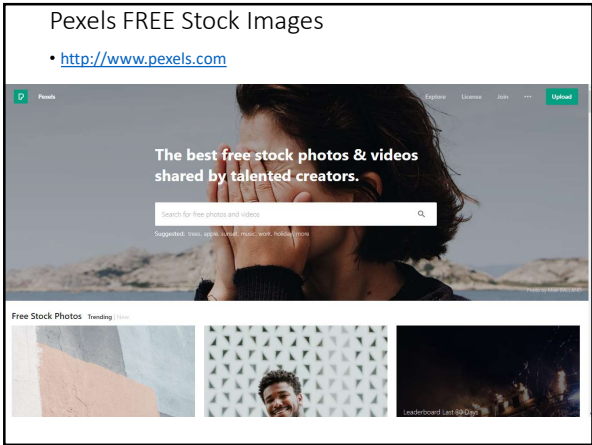- Adjusting color, brightness, and saturation
- http://clipchamp.com

Image Editors

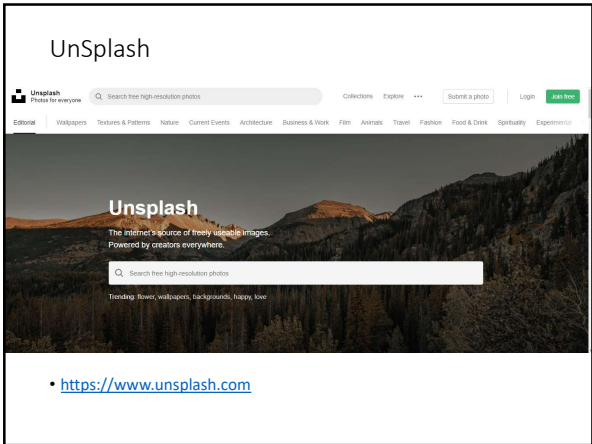## Pexels FREE Stock Images

• http://www.pexels.com

UnSplash

• https://www.unsplash.com

Gimp

- Image Manipulation Program similar to Paint or Photoshop
- Performs photo retouching, image composition and image authoring
- Works with Windows, Mac and Unix.
- http://www.gimp.org/

Pixlr –Online image editor

- Available on computer & mobile devices with online access.
- Also works with Android and iOS

Cool Text

- Create neat logos and buttons – online.
- Download over 1,200 fonts
- Can be useful for creating handouts or developing online content
- http://www.cooltext.com

Canva

- https://www.canva.com/

Free Logo Services

- www.FreeLogoServices.com

Smart Resize

- https://www.smartresize.com/

Poster My Wall

- www.postermywall.com
- Create amazing posters, videos & graphics

Audio Editors

Audacity

- Audacity® is an open source program for recording, editing & exporting sounds
- Available for PC, Mac, Linux/Unix
- http://audacity.sourceforge.net/

Twisted Wave

- https://twistedwave.com
- Edit up to 5 minutes of audio

Bear Audio

- https://www.bearaudiotool.com/
- Allows you to edit, record and convert audio
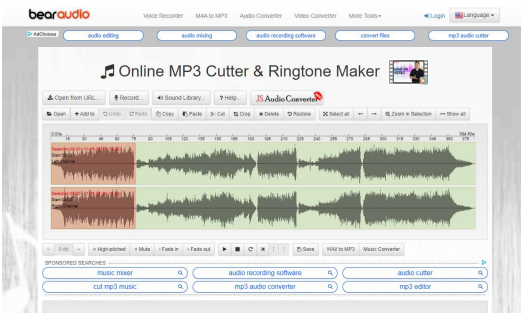
Apple Media Tools

Apple iMovie

iMovie

Turn your videos into movie magic.

With iMovie for iOS and macOS, you can enjoy your videos like never before. It's easy to browse your clips and create Hollywood-style trailers and stunning 4K-resolution movies. You can even start editing on iPhone or iPad, then finish on your Mac.

Download iMovie for iOS ⊕
Download iMovie for macOS ⊕

- Allows you to edit videos
- Works on any iOS

Apple Clips

Say it, see it.

Live Titles let you easily create animated captions and titles — just by talking. Simply speak while recording, and text automatically appears onscreen, synced with your voice. Tap the clip to easily edit text, add punctuation, or change the style of your title.

- Allows you to create videos with captioning
- Clips is an iOS app for making and sharing fun videos with text, effects, graphics, and more.
- Compatible with iPhone, iPad, and iPod touch.
- Clips requires iOS 11.1 or later.

Apple GarageBand

GarageBand for Mac

Incredible music.
In the key of easy.

GarageBand is a fully equipped music creation studio right inside your Mac — with a complete sound library that includes instruments, presets for guitar and voice, and an incredible selection of session drummers and percussionists. With Touch Bar features for MacBook Pro and an intuitive, modern design, it's easy to learn, play, record, create, and share your hits worldwide. Now you're ready to make music like a pro.

Download GarageBand for Mac ⊕

QuickTime screen recording on Mac

• Download the Free QuickTime Player

| 🍎 **QuickTime Player** | File | Edit | View | Window | Help |

New Movie Recording ⌥⌘N
New Audio Recording ⌃⌥⌘N
New Screen Recording ⌃⌘N

Open File... ⌘O
Open Location... ⌘L
Open Recent ▶

Close ⌘W
Save... ⌘S
Duplicate ⇧⌘S
Rename...
Move To...
Export ▶
Revert To ▶

Share ▶

Authoring Tools

Adapt Learning

About ⌄   Forums ⌄   Adapt showcase   Downloads ⌄   Resources ⌄   Blog   Get started

ADAPT

Welcome to Adapt Learning

Adapt is a free and easy to use e-learning authoring tool that creates fully responsive, multi-device, HTML5 e-learning content using the award-winning Adapt developer framework.

View Demo   Get started
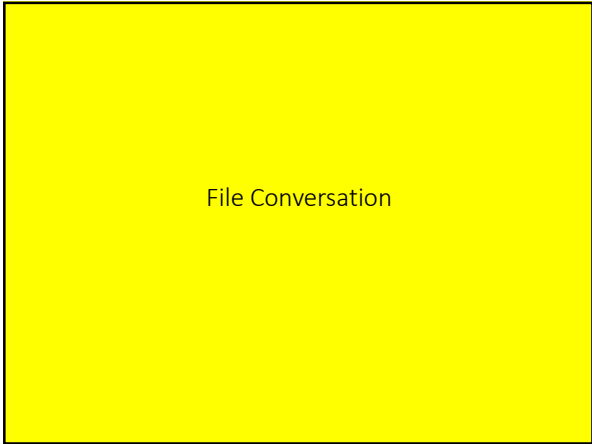
• Adapt is a free and easy to use e-learning authoring tool that creates fully responsive, multi-device, HTML5 e-learning content using the award-winning Adapt developer framework.
• https://www.adaptlearning.org/

File Conversation

Cute PDF

- Create professional quality PDF files from almost any printable document.
- Available for PC.
- http://www.cutepdf.com

CutePDF™ ideas for PDF

SmallPDF

- www.smallpdf.com

We make PDF easy
All-in-one easy-to-use online PDF tools

Compress PDF	PDF Convertor	PPT to PDF	PDF to PPT	JPG to PDF
Reduce the size of your PDF without losing quality	Convert Word, PowerPoint and Excel files to and from PDF	Convert PowerPoint presentations to PDF documents	Convert PDFs to editable PowerPoint presentations	Transform JPG, PNG, BMP, GIF, and TIFF images to PDF
PDF to JPG	Excel to PDF	PDF to Excel	Delete PDF Pages	Edit PDF
Extract images from your PDF or save each page as a separate image	Convert Excel spreadsheets to PDF documents	Convert PDFs to editable Excel spreadsheets	Remove one or multiple pages from your PDF	Add text, shapes, images and freehand annotations to your PDF
Word to PDF	PDF to Word	Merge PDF	Split PDF	Rotate PDF
Convert Word documents to PDF files	Convert PDFs to editable Word documents	Combine multiple PDFs into one unified document	Extract pages from your PDF or save each page as a separate PDF	Rotate one or all pages in your PDF
eSign PDF	Unlock PDF	Protect PDF		
Create your signature, sign your PDF and request people to sign	Remove password, encryption, and permission from your PDF	Add a password and encrypt your PDF file.		

ZamZar

- Convert files from your desktop or from a URL online without installing any software.
- Converts many types of formats for images, documents, music and videos.
- http://www.zamzar.com

Content Management Systems

Content Management Systems

- Allows publishing, editing, and modifying content as well as site maintenance from a central page.
- Moodle
  - www.moodle.org
- Joomla
  - www.joomla.org
- WordPress
  - www.wordpress.org

Other CMS

- Weebly
  - www.weebly.com

- Wix
  - www.wix.com

- B12
  - www.b12.io

Utility Programs

Wayback Machine – Internet Archive

- http://web.archive.org
- The Wayback Machine is a digital archive of the World Wide Web and other information on the Internet. It was launched in 2001 by the Internet Archive
- Use it to find older website designs, files, date, etc.

7-Zip

- Allows you to compress files & folders into "zip files" as well as open zip files.
- Works on Windows, Mac & Unix
- http://www.7-zip.org/

SimpleOCR

- SimpleOCR (Optical Character Recognition)
- If you have a scanner and want to avoid retyping your documents, SimpleOCR is the fast, free way to do it.
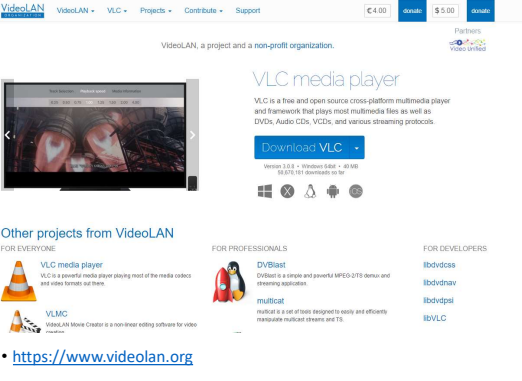- Works with Windows PC.
- http://www.simpleocr.com/

Speakonia

- Text to Speech Software
- Plan and simple, this program takes your text and reads it aloud.
- Can export spoken text as a WAV file.
- https://download.cnet.com/Speakonia/3000-7239_4-10125328.html

VLC Media Player

- https://www.videolan.org

Bit.ly

- Allows users to shorten long URL addresses, share URLs with others and track the number of views of a particular link
- http://www.bit.ly

Norton Safe Web

- Allows users to verify if a website is safe or not.
- Analyze sites for
  - Computer Threats
  - Identity Threats
  - Annoyance factors
- http://safeweb.norton.com/

Communication Tools

Free Conference Call

- Offers conference calls that are simple and easy to use, requiring only a name and an e-mail address to receive an instant account.
- Features:
  - Up to 6 hours in length
  - Up to 96 callers
  - Offers options for logs & recording
- www.freeconferencecall.com

FreeConferenceCall.com®

Skype

- Allows users to communicate with peers by voice, video, and instant messaging over the Internet.
- Instructor example: Could be used for virtual guest speakers in your classroom.
- http://www.skype.com

skype

Zoom

Zoom Meeting Plans for Your Business

Basic	Pro	Business	Enterprise
Personal Meeting	Great for Small Teams	Small & Med Businesses	Large Enterprise-Ready
Free	**$14.99**/mo/host	**$19.99**/mo/host	**$19.99**/mo/host
		* Minimum of 10 hosts	* Minimum of 50 hosts
Sign up, It's Free	Buy Now	Buy Now	Contact Sales
Host up to 100 participants	All Basic features +	All Pro features +	All Business features +
Unlimited 1 to 1 meetings	Includes 100 participants	Includes 300 participants	Up to 1,000 participants
40 mins limit on group meetings	Need more participants?	Need more participants?	Unlimited Cloud Storage
Unlimited number of meetings	Meeting duration limit is 24 hrs	Dedicated phone support	Dedicated Customer Success Manager
Online support	User management	Admin dashboard	Executive Business Reviews
Video Conferencing Features	Admin feature controls	Vanity URL	Bundle discounts on Webinars and Zoom Rooms
Web Conferencing Features	Reporting	Option for on-premise deployment	
Group Collaboration Features	Custom Personal Meeting ID	Managed domains	
Security	Assign scheduler	Single sign-on	
	1GB of MP4 or M4A cloud recording		

- www.zoom.us

QR Generator

- Allows you to generate a QR-code for a URL, text, phone number, SMS, etc.
- http://www.qrstuff.com/

QR Stuff.com
Get your QR codes out there!

File Transfer

We Transfer

- http://www.wetransfer.com
- Send up to 2GB
- No registration
- It's free

Drop Send

- http://www.dropsend.com

File Mail

- https://www.filemail.com/
- 50 GB max size
- Files available for 7 days
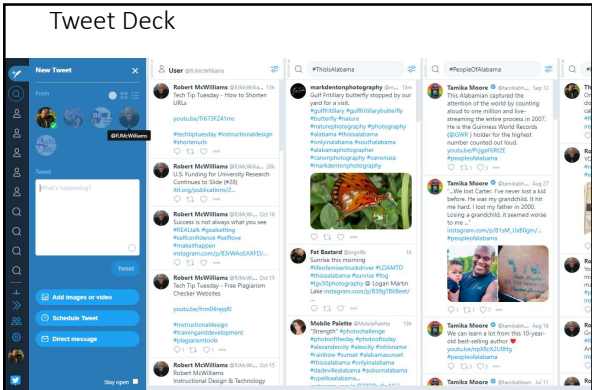- Unlimited Downloads
- Available on PC, Mac, iOS and Android

Social Media Tools

Social Media Tools

- Facebook
- Twitter
- Instagram
- **LinkedIn**
- **YouTube**

Tweet Deck

- http://tweetdeck.twitter.com

Pinterest

- **Creative Team Brainstorming** –Pinterest is still one of the best brainstorming sites out there
- **Research Projects** – Pinterest is also a treasure trove for research projects.
- **Group Projects**
- **Digital Student Portfolios**
- **Teaching Self-Reliance**
- **Peer Feedback**
- **Virtual Field Trips**
- **Collaborative Stories**

App Development

MIT App Inventor

With MIT App Inventor, anyone can build apps with global impact

Learn More

| Active Users today: 120.0K | Active Users this week: 369.9K | Active Users this month: 1111.2K | Registered Users: 8.2M | Countries: 195 | Apps Built: 34.0M |

- http://appinventor.mit.edu
- Currently create apps for Android only

Mobincube

- http://www.mobincube.com
- Available for Android, iOS, Windows and Blackberry

Scholarships

FastWeb

- https://www.fastweb.com/

What is Fastweb?

We're the leading online resource in finding scholarships to help you pay for school

Targeted Scholarships
Scholarships just for you based on your strengths, interests, and skills.

Financial Aid
Resources to help you with tough financial aid decisions.

College Search
Discover the perfect school for your interests and budget.

Part-time Jobs
Nearly 10,000 part-jobs available in top industries.
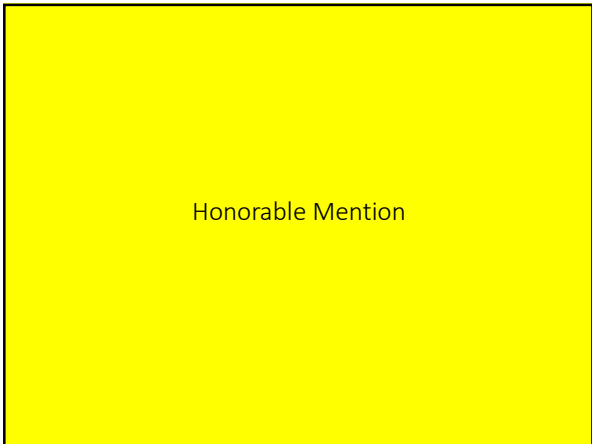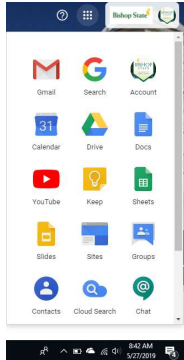
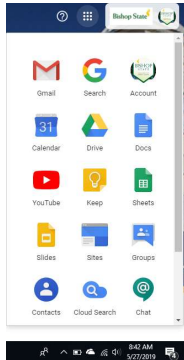Honorable Mention

The Google Tools

- Over 40 Online Tools Organized by:
  - Search
  - Explorer & Innovate
  - Communicate, show & share
  - Go Mobile
  - Make your computer work better
- www.google.com/intl/en/options/

Google™

Honorable Mention

Gmail

- www.gmail.com

Google Drive

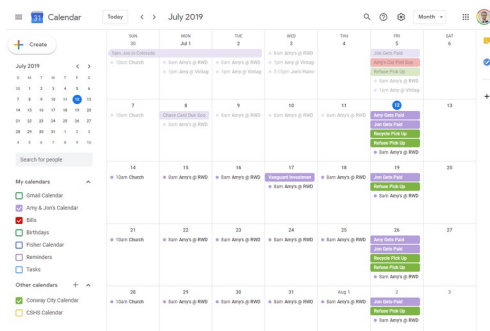- https://www.google.com/drive/
- Store any file
  - Keep photos, stories, designs, drawings, recordings, videos, and more. Your first 15 GB of storage are free with a Google Account.
- Share files and folders
  - You can quickly invite others to view, download, and collaborate on all the files you want–no email attachment needed.

Google Calendar

- http://calendar.google.com/

Google Office Products

- Google Docs is a word processor included as part of a free, web-based software office suite offered by Google.
- This service also includes Google Sheets and Google Slides, a spreadsheet and presentation program respectively.
- The Google Office Products are available as a web application, mobile app for Android, iOS, Windows, BlackBerry, and as a desktop application on Google's ChromeOS.
- The app is compatible with Microsoft Office file formats.

Google Voice

- http://voice.google.com/
- With Google Voice, you get a phone number for calls, text messages, and voicemail. You can use this number to dial domestically and internationally using your web browser and mobile devices.
- What you can do with Voice
  - Easily call people in your contacts and organization directly
  - Text using your new number from any device
  - Save time by reading your voicemail in your email inbox
  - Get protected from spam calls, block unwanted callers, and screen calls before answering

CNET

- CNET is the premier destination for tech product reviews, news, price comparisons, free software downloads, daily videos, and podcasts.
- www.cnet.com
  - Click on DOWNLOAD
    - FREE APPS

Summary

- There are numerous software resources available to educators that are…

For More Information

- Contact:
  - Robert McWilliams, Coordinator of Instructional Design
  - Bishop State Community College
  - rmcwilliams@bishop.edu
  - (251) 405-7144
  - www.robertmcwilliams.com