

Welcome

You will be exposed to a number of Microsoft tools. Although many of these tools are free, I understand that many of you have challenges that you face when integrating technology. Do not focus on the tool, rather, focus on the pedagogy that can be enhanced by these tools.



dabbling.
doing old things in old ways.
doing old things in new ways.
doing new things in new ways.

Pasted from <<http://www.edutopia.org/adopt-and-adapt>>

where are you?



the ultimate tool

Why OneNote? OneNote is the ultimate tool allowing you to create digital notebooks. You now have a place to gather ALL of your notes and information with the added benefit of finding what you are looking for quickly with powerful search capabilities. You can also easily share notebooks to collaborate effectively with any group. OneNote can free up space on your desk, your bookshelf, and your filing cabinet as you begin to use this ultimate tool and move those many files and notebooks online.

activity

Double click this Single File Package --->



This notebook will unpack and install itself. Intro to O...

It will default to your "My Documents/OneNote Notebooks" folder.

resources

[Microsoft's OneNote 2010 Training Guides](#)

To learn more about the many ways Microsoft OneNote 2010 can simplify your teaching life, go to www.microsoft.com/education/onenote

You will find helpful, informative videos relating to OneNote 2010 for teachers plus step-by-step instructions to guide you through selected features.

To discover more about the Microsoft Office suite for teachers, go to www.microsoft.com/education/Office

To discover more about the [Microsoft OneNote in education](#).



onenote in the classroom

After the Ultimate Tool session, you now have an idea of what OneNote is about. This tool lends itself naturally to so many applications. Let's look at some real world examples of how OneNote can be used in the classroom. Be thinking as you peruse these examples of ways you might begin to use OneNote with your students, teachers and administrators.

activity

1. Read through the [Lesson Ideas on this page](#).
2. Think/Pair/Share Pick one of the two ideas to share:
 - a. Now that you've seen some ideas, share with a partner one that "resonated" with you. Would you do it exactly as described, or how would you modify it?

- b. If you have used OneNote in the classroom, how have you used it? Type a description below that could be added to the above list. Be sure to include age/content and other pertinent information.

Now that we've thought about how we can use OneNote in the classroom... [To the cloud!](#)

resources

The [School of the Future](#) in Philadelphia has been using OneNote as a classroom tool since 2007. Many of their notebooks that they have created are shared [here](#).



onenote lesson ideas

[Lake Washington School District](#) (LWSD), (located in Redmond, Washington) teachers were asked about how they use OneNote with kids. Some teachers use it quite a bit and others less so. Here are some examples of how 1st grade through high school teachers used OneNote in the classroom:

Question of the Day – Students wrote in a common ‘Class Notebook’ located in a shared folder each morning.

Individual student notebooks – Students created their own notebook with subject tabs, where they completed work that would normally be done on paper.

Sight Words - A first grade teacher created a shared Notebook. Each student had their own section tab. She created pages of sight words. Each student navigated to their section and the page of sight words on which they were working. They used the record tool (found in the Insert tab) to record themselves reading their sight words. They could play it back and listen to themselves, and the teacher could listen to them after school instead of during class time. She could leave her own recorded notes on the page for the kids to provide feedback.

Group Work - OneNote worked really well for small groups, as students could type on the same page instead of passing a piece of paper around the table. Also, OneNote was amazing for “silent work time” because students could still communicate and work on a project but without chatter.

Goals – Students created their goals this year for student/parent/teacher conferences on a ‘Student Page’ in the class notebook, and presented them during conferences.

References – Students used the class notebook a lot for reference. When the teacher assigned a project or assignment, he/she put all the accompanying rubrics, suggested websites, examples, etc. in the notebook for students to reference throughout their work time.

Turn-in – Each student had a personal OneNote on a server that the teacher had permission to access. Students printed to OneNote instead of the printer to save time and paper. The teacher scored their work and placed the score and comments/feedback on their OneNote page.

Book Project - A reading group used OneNote for work on a book project. The teacher divided them into smaller groups and some groups did an author study while others did a book study. Each group shared information about characters, setting, plot, etc. on the pages and sub pages. Each group could decide how it worked best to divide the section. For example, some groups gave each student a page and then they each had subpages. Other groups divided their section by books if they were doing an author study. They asked each other questions, recorded summaries, added links to word documents and websites, kept track of due dates and responded to teacher questions.

Curriculum Delivery - Instead of creating a "packet" that we handed out with directions for a long term project, we created a OneNote that each student received their OWN copy of (it wasn't a shared OneNote), that they could access and use throughout the project. We posted a copy of it on our website so parents and students could download it from home (both as a OneNote single file package and as a PDF in case they didn't have OneNote)

Learning Parts of Speech - A first grade teacher created a shared Notebook. Each student had their own section tab. She pasted in a screenshot of a short paragraph and set it as background (then copied that page into each students' section). The kids navigated to their own section and used the drawing tools to highlight all the adjectives. They then had to use the record tool to record themselves reading the paragraph.

Cultural Research project: The students recorded group results, created a diorama, pasted Bing Map locations for geography and collected examples of cultural universals.

Tracking results in Math/Science - One class used OneNote to record all experiment results and students that were absent could collect the data from the OneNote without having to ask the teacher or a classmate.

Reports - The teacher created a matrix and assigned students to work in pairs. One student would research using the online research databases while the other student typed their information into a field on OneNote. They could then double check to make sure the information was accurate and not plagiarized.

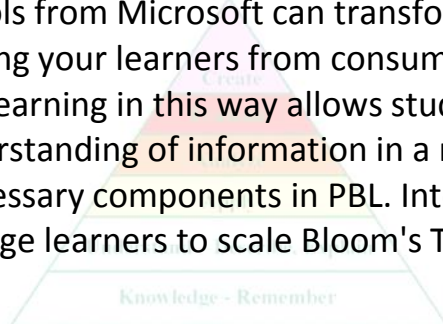
High School Math

- Students could record learning logs. Students would express their understanding of mathematical concepts in words in their own “tab”.
- The teacher designed a review activity or an investigation with questions and/or tasks – one per page – followed by a subpage containing the solutions. Groups worked on the task/investigation one page at a time and then verified their solution. If their solution was correct, they moved onto the next task. If their solution was incorrect, they needed to try again (and ask for help if needed).
- Students also wrote reflections on their learning as well as questions they had about each unit of study. These students also solved math (quadratic, calculus, series, etc...) problems with a USB tablet in designated pages. All work was shown and recorded.



from consumer to creator

Discover how free tools from Microsoft can transform the teaching and learning process by transitioning your learners from consumers of information to creators of content. Learning in this way allows students to build knowledge and demonstrate an understanding of information in a meaningful way. These 21st Century skills are necessary components in PBL. Integrating these tools in the classroom will challenge learners to scale Bloom's Taxonomy.



Free Creation Tools

- ★ [Autocollage](#)
- ★ [Photosynth](#)
- ★ [Live Movie Maker](#)
- ★ [PhotoStory 3](#)
- ★ [Live Photo Gallery](#)
- ★ [Mouse Mischief](#)

activity

Practice using three free tools as trainer demonstrates use.

Respond to questions in Mouse Mischief PowerPoint. Trainer will overview tools, setup, and requirements of Mouse Mischief.



consumert...

Your mission: You have 30 minutes to gather documentation using digital media tools to find things that will not exist 10 years from now. You will use these files to create an Autocollage, Photo Story or Live Movie Maker, and an optional Photosynth.



a lesson in mobility

As more and more individuals acquire mobile devices, we need to find creative ways to effectively implement these tools into the classroom and maximize their potential in a learning environment. Increase your awareness of the benefits of mobile devices and be part of the "From ban it to bring it" movement.

Free tools

★ [Tag](#)



★ [Flashcards](#)



activity

Download the Microsoft Tag app on your mobile phone.

<http://gettag.mobi>

Use the app to scan the QR code shown on the projector screen. After reviewing the free tool being described, list one way you could use it the classroom.

List different classroom uses of QR codes.

Create a Flashcard deck. Begin by creating a flashcard for Microsoft Tag and Flashcards. On the question side of the card, include one idea of classroom use of the free tool, and on the answer side, name the free tool.

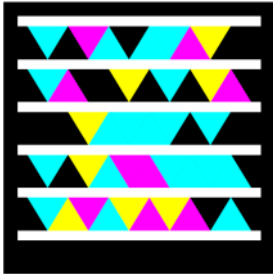
Use Microsoft Tag app to scan QR codes. The QR code will give you a text clue describing a free tool. Use the [Free Tools](#) section of this notebook to locate the tool being described.

Create 5 more flashcards in your deck. You will create one flashcard for each of the free tools described on the QR code in addition to the two you already created. (You will have a total of 7 cards in your deck).

Paste a link to your flashcard deck here.

resources

Ideas for using QR codes in the classroom





collaborating with others

Encourage collaboration and teamwork using digital learning tools that adapt to various learning styles.

activities

- Collaboration with OneNote 2010
- Create a virtual field trip with Photosynth
- Creating Movies with Live Movie Maker
- Digital Storytelling with AutoCollage and Photo Story
- Making Music with Songsmith

Creating Music with Songsmith



Are you looking for a way to help auditory and kinesthetic learners engage with the curriculum? Bring songwriting into the classroom with Songsmith! Songsmith generates musical accompaniment to match a singer's voice. Just choose a musical style, sing into your PC's microphone, and Songsmith will create backing music for you. Then share your songs with your friends and family, post your songs online, or create your own music videos. Songsmith gives the novice user a taste of music creation, at the level a songwriter might think of music creation, without the underlying instrumental skills or music theory understanding.



[States of Matter](#)

Song created by 2nd Grade Students
Pate's Creek Elementary



free tools for educators

Microsoft has more free tools than can possibly be covered in the two day MIE training. Check out the [Free Tools](#) section for a list of many of them. As you peruse the list, think about your instruction and what tools could enhance the engagement of your learners in the classroom.

objectives

- a. Exposure to a variety of free tools for the classroom.
- b. Identify and locate Microsoft free tools through the Teachtec Downloader tool and/or the Learning Suite.

resources

[TeachTec Downloader Tool](#)

This online tool allows you to filter and create a list of free tools.

[Learning Suite](#)

Get many of Microsoft's most innovative applications, web-based tools, and teacher resources in one simple, customizable download. Then access and update them from one easy-to-use interface.

[Partners in Learning Resources](#)

Want to see how other educators are using free tools in their classroom? Join the Partners in Learning Network and browse a list of Microsoft tools for the classroom. Download learning activities or watch tutorials feature your tool of choice.



[Free Tools](#)

autocollage

Photo collages celebrate important events and themes in our lives. Pick a folder, press a button, and in a few minutes AutoCollage presents you with a unique memento to print or email to your family and friends.

Watch a demo

<http://dft.ba/-autocollage>



Microsoft Research
AutoCollage





bing

Bing™ Search—helps teachers and students find the information they need faster.



[Free Tools](#)

Bing™ Maps—embark on a virtual trip to Paris or wherever your students' curiosity takes them.

Bing™ Map Apps —amazing tools that deepen the Bing Maps experience.

Bing™ Translator—useful resource for teachers doing multi-language projects.

Go Here

www.bing.com





[Free Tools](#)

chemistry add-in

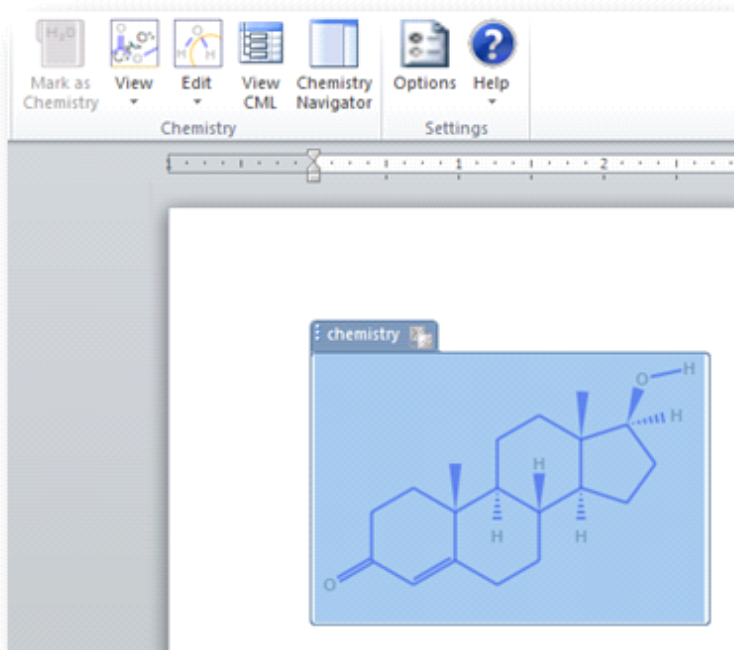
The Chemistry Add-in for Word makes it easy to insert and modify chemical information, such as labels, formulas, and 2-D depictions, within Microsoft Office Word. Additionally, it enables the creation of inline “chemical zones,” the rendering of print-ready visual depictions of chemical structures, and the ability to store and expose chemical information in a semantically rich manner.

Download it here

<http://bit.ly/igbper>

Video walk-through (copy and paste URL)

<mms://wm.microsoft.com/ms/research/projects/ChemforWordDemo.wmv>



Tutorials: Chemistry Add-in for Word User's Guide (Chemistry Add-in for Word) <http://bit.ly/vkX6e3>



[Free Tools](#)

chronozoom

The primary goal of ChronoZoom is to make time relationships between different studies of history clear and vivid. In the process, it provides a framework for exploring related electronic resources. It thus serves as a "master timeline" tying together all kinds of specialized timelines and electronic resources, and aspires to bridge the gap between the humanities and the sciences and to bring together and unify all knowledge of the past.

<http://research.microsoft.com/en-us/projects/chronozoom/>





community clips

Community Clips – Free Screen recording utility. So, if you see yourself as a software guru you can start creating your own How-to tutorials and How-to guides with this screen capturing software recorder.



[Free Tools](#)

Download it here

<http://dft.ba/-commclips>



Classroom examples

<http://vimeo.com/36609775>

<http://vimeo.com/36609880>

<http://vimeo.com/36610204>



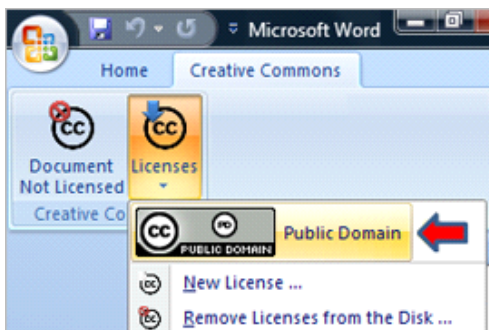
Creative Commons Add-in



[Free Tools](#)

This add-in for Microsoft Office enables authors and editors to embed Creative Commons licenses directly into Microsoft Word, PowerPoint, and Excel documents. With a Creative Commons license, authors can express their intentions regarding how their works may be used by others. The add-in allows the selection of a license, downloads it from the Creative Commons website, and inserts it directly into the working document.

<http://research.microsoft.com/en-us/projects/creativecommons/>





docs



[Free Tools](#)

Now you can discover, create, and share Microsoft Office documents with your Facebook friends. Built using Microsoft Office 2010 – Docs for Facebook provides the best possible document service for the Facebook environment. Seamless integration with Facebook means that the service is all about sharing your documents. Finally docs can be friendly too!

<http://docs.com/>





flashcards



[Free Tools](#)

Flashcards is a Silverlight web application where you can create, share, and study online flashcards. Find a deck in the community, or create your own. Decks can have up to 300 cards, and each card can have any combination of text, image, and sound on the front and the back. Start with Review mode if you don't know the content at all. Otherwise, skip ahead to Study or Type It In modes. Study mode is based on the honor system, and Type It In checks the correct answer with what you typed in. Want a challenge? Try swapping fronts and backs then studying again.

<http://flashcards.educationlabs.com/#/Home>

The screenshot shows the Flashcards website interface. At the top is an orange navigation bar with the text "Flashcards by Microsoft Education Labs" on the left and "BROWSE PLAY CREATE YOUR DECKS YOUR FAVORITES Sign in" on the right. Below the navigation bar is a "How it works" section on the left with three paragraphs explaining the spaced repetition system. The main content area is divided into three sections: "POPULAR DECKS" featuring six decks with thumbnails and titles like "Animals", "Cars", "Vitamin Flashcard", "French Verbs", "Language Creator", and "Tutorial Deck"; "YOUR DECKS" with a "Create deck" button featuring a green plus sign; and "YOUR FAVORITES" with a "Sign in to view your favorites" link. At the bottom of the page is a footer with copyright information and links for "Terms of Use", "Privacy Statement", "Code of Conduct", and "Send Feedback".



interactive classroom



[Free Tools](#)

Works with Microsoft PowerPoint 2010, Microsoft Office PowerPoint 2007, Microsoft OneNote 2010, and Microsoft Office OneNote 2007. This add-in connects a teacher's PowerPoint presentation to students' OneNote notebooks. During a presentation, teachers can: Poll students with multiple choice, true/false, or yes/no questions. Distribute the lesson to students with OneNote while including real-time ink and text annotations. Students can answer and respond through their individual OneNote notebooks, hand-held clickers, or computers, and the results display in the presentation. Students also get consolidated notes that match those of the instructor so they can keep track of what they need to learn.

<http://www.educationlabs.com/projects/ic/Pages/default.aspx>

Microsoft Interactive Classroom

The Microsoft Interactive Classroom Add-in for PowerPoint 2007 & 2010 and OneNote 2007 & 2010 bridges lessons delivered in PowerPoint to students using OneNote in 1:1 classroom settings, or lecture environments. It enhances the learning experience by enabling educators to insert polling questions (multiple choice, yes/no, or true/false) into their presentations when creating lessons, increases student engagement by allowing students to answer in-class polls, and supports agile teaching practices through the sharing of ink annotations and slides within the students OneNote Notebook.



kodu

Kodu is a new visual programming language made specifically for creating games. It is designed to be accessible for children and enjoyable for anyone. The programming environment runs on the Xbox, allowing rapid design iteration using only a game controller for input.



[Free Tools](#)



<http://research.microsoft.com/en-us/projects/kodu/>
<http://fuse.microsoft.com/kodu>





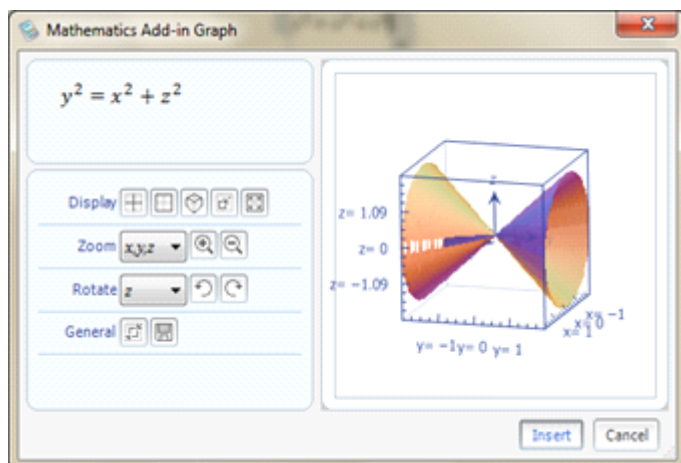
mathematics add-in

[Free Tools](#)

Works with Microsoft Word 2010, Microsoft Office Word 2007, and Microsoft OneNote 2010. With this add-in, you insert an advanced math problem (from algebra to calculus, physics, or statistics) and then click to simplify complex expressions or to solve. Use these advanced math computational and graphing capabilities to: Plot a function, equation, or inequality in 2-D or 3-D, and save the results, solve an equation or inequality, calculate a numerical result, compute the inverse of a matrix, matrix operations, list operations, and integrals.

Download it here

<http://bit.ly/iFQ34u>





mathematics 4.0

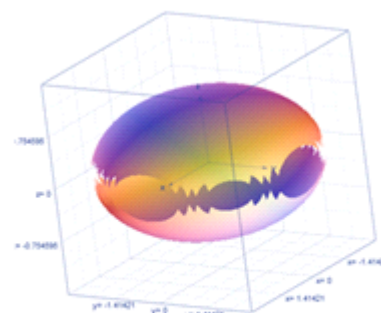
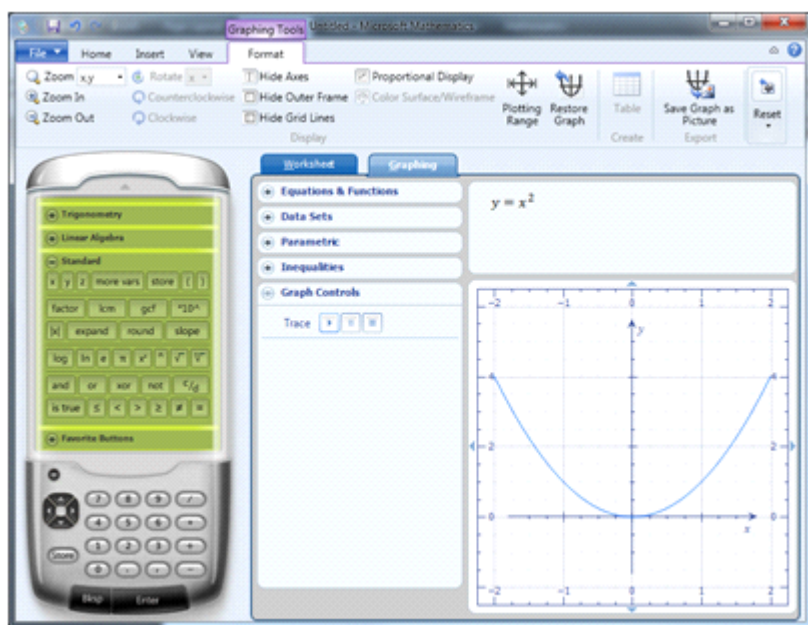
FREE FREE FREE Graphing Calculator

[Free Tools](#)

From basic math to precalculus, Microsoft Mathematics 4.0 can help you visualize and see mathematical concepts as you've never seen them before. This free downloadable tool includes step-by-step instructions and explains fundamental concepts. The wide range of tools to help students with complex mathematics includes a full-featured graphing calculator that's designed to work just like a hand-held calculator and ink handwriting support to recognize hand-written problems.

Download it here

<http://bit.ly/jyFBHI>



Input $\text{solve}(x + 5 = 8, x)$

Solution steps

Move all constant terms from the left side of the equal sign to the right.
Expand 5.

$$x + 5 - 5 = 8 - 5$$

Do the arithmetic.

Add 5 and -5 to get 0.

$$x + 0 = 8 - 5$$

Input $\text{solve}(x + 5 = 8, x)$

⊖ Solution steps

Move all constant terms from the left side of the equal sign to the right.
Expand 5 .

$$x + 5 - 5 = 8 - 5$$

Do the arithmetic.

Add 5 and -5 to get 0 .

$$x + 0 = 8 - 5$$

Anything plus zero gets itself. Anything plus zero gets itself.

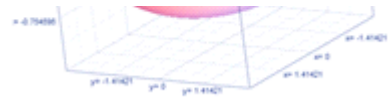
$$x = 8 - 5$$

Do the arithmetic.

Add 8 and -5 to get 3 .

$$x = 3$$

Solution $x = 3$





math worksheet generator

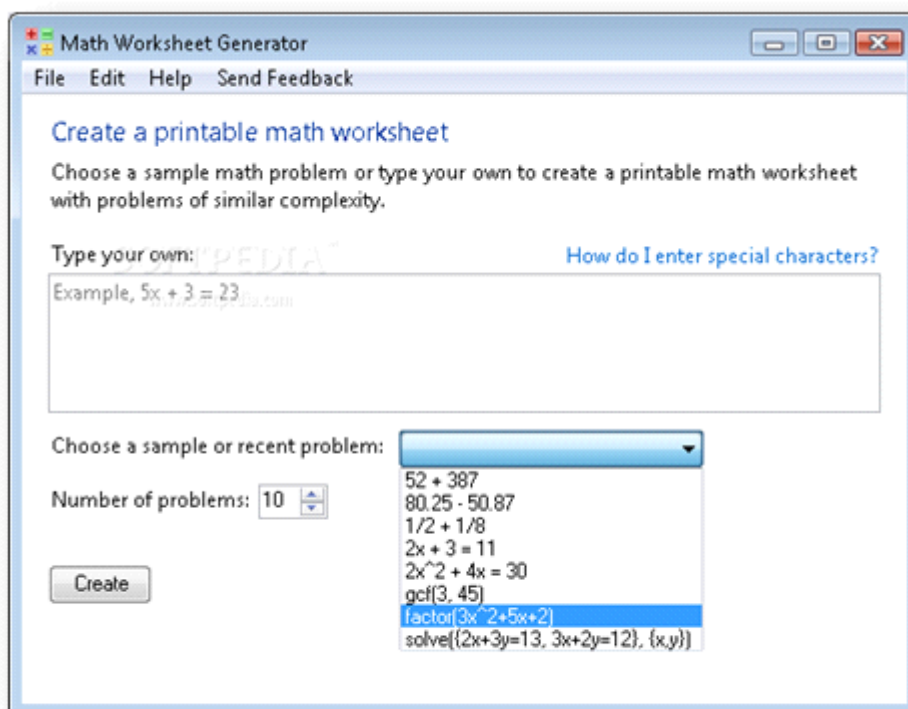


[Free Tools](#)

Do you spend a lot of time searching for worksheets with practice problems to give your students? Now you can easily create your own in just a few seconds with the Math Worksheet Generator. This is a tool that generates multiple math problems based on a sample, and then creates a worksheet that you can distribute. By analyzing the math problem you provide, or one of the built-in samples, the generator determines the structure of the expression and provides similar problems. We tack on an answer sheet too.

Download it here

<http://bit.ly/ICNvrB>





[Free Tools](#)

montage

Montage is a flexible web-based service that makes it fun and easy to create and share a visual album of the web on the topics you care about. You can design your Montage around any topic you can imagine by adding content that pulls information from a variety of sources, including RSS feeds, Twitter, Bing News, and YouTube. Montage is an expression of you.

So...consider being able to have your students pull together all of their research on a topic into one easy to navigate, easy to locate, online location. It can be used in a presentation, multiple student collaboration projects, long-term studies and more! Click the link below to get started.

<http://montage.cloudapp.net/>



physics
Curator: Dave Wang

Make your own
Share on Twitter Share on Facebook

Physics-math major Cukierman wins Jefferson Prize
An Cukierman enrolled as a freshman at William & Mary intending to major in music and philosophy. He'll graduate near the top of his class of 2012 as a physics-math double major, with at least one important peer-reviewed paper to his credit.
Via College of William and Mary · 2 days ago

Maths, physics fail to get the numbers at school
VICTORIAN VCE students have drifted away from physics and the more difficult maths subjects in the past decade, feeding into growing anxiety about student disengagement and a shortage of specialist teachers. Data prepared for The Sunday Age by the ...
Via The Age · 7 hours ago

Community Weighs Pros and Cons of Physics by Press Conference
Dario Giuliano of the OPERA collaboration explains how they measured faster-than-light neutrinos. Particle physics made headlines around the world in September with the announcement that researchers at the OPERA experiment measured neutrinos traveling ...
Via 394 physics · 22 hours ago

On Twitter

- alackherow: RT @_Search_ #ThingsComicsTaughtMe...What physics? 2 minutes ago on Twitter
- mandalynn111: @stolz_baseball I actually really like physics, but not enough to major in it. My older brother wants me to be in economics. Just now on Twitter
- AJohnston012: Don't think there is much hope for me, physics on Monday will be the end of me :(... Just now on Twitter
- sarah_abdel: @viki0_jum Seriously! I can't wait to drop physics! Just now on Twitter
- jgerci25: My Vision for a Physics Book http://t.co/Wy0d7er Just now on Twitter
- mamalesah: Yeah + math RT @Mandmya: What abt math? @mamalesah: I miss chemistry and physics !!! Just now on Twitter
- TheJon: wuah wuah wuah wuah WHAAT?? 27 in physics!!!!!!1111111111111111 Just now on Twitter
- bjennelle: RT @sciencegoddess: 2nd place science film #cyberScreen #sco12 @minute physics 1 minute ago on Twitter
- casameaney: drops of jupiter makes physics a little more bearable #onlylittle 1 minute ago on Twitter
- giddi0n: RT @SimmyRo: What Muzer hear in Physics: blah blah DEAD STAR blah blah blah... blah SUPERMASSIVE BLACK HOLES blah RESISTANCE blah blah STARLIGHT! 1 minute ago on Twitter
- madedevanderlat: RT @evlugher004 @funnywit: Throwing random things at people and acting like it wasn't you? Just now on Twitter

<http://csamarktng.vo.msecnd.net//fuse/montage/Montage.wmv>



mouse mischief



[Free Tools](#)

Start a little Mischief.

Mouse Mischief integrates into Microsoft PowerPoint 2010 and Microsoft Office PowerPoint 2007, letting you insert questions, polls, and drawing activity slides into your lessons. Students can actively participate in these lessons by using their own mice to click, circle, cross out, or draw answers on the screen. "

Download it here

<http://bit.ly/hiCsAH>

Get a few mice and try this demo



MouseMis...



How to use Mouse Mischief

<http://www.microsoft.com/multipoint/mouse-mischief/en-us/how-to.aspx>



photo story 3

When students create a movie or interactive slide show to tell their story, learning becomes personal. Students can improve their writing, show creativity, and have a voice.



[Free Tools](#)

It is easily adaptable for projects with 5 year olds, or with 18 year olds.

Digital storytelling projects may not be a cure-all for reluctant learners, bored students, students who have trouble retaining information, or those who are chronically late – but the experience of students and teachers in classrooms around the world confirms that this approach to learning is an exciting and compelling way to engage students in the learning process and to inspire them to become lifelong learners.

Download it here

<http://bit.ly/qwWB6l>

Tutorial

http://www.ehow.com/how_5151045_use-photo-story.html

Videos:

[How a Teacher Uses Photo Story in Class](#)



[Example of Photostory Project](#)



[Free Tools](#)

photosynth

Photosynth takes your photos, mashes them together and recreates a 3D scene out of them that anyone can view and move around in. Different than static photos and video, Photosynth allows you to explore details of places, objects, and events unlike any other media. You can't stop video, move around and zoom in to check out the smallest details, but with Photosynth you can. And you can't look at a photo gallery and immediately see the spatial relation between the photos, but with Photosynth you can!"

More information

<http://photosynth.net/about.aspx>

Best Synths

<http://photosynth.net/explore.aspx?filter=NiceAndSynthy>

How to make synthy synths

<http://photosynth.net/help.aspx>





image composite editor



[Free Tools](#)

Microsoft Image Composite Editor is an advanced panoramic image stitcher. Given a set of overlapping photographs of a scene shot from a single camera location, the application creates a high-resolution panorama that seamlessly combines the original images.

<http://research.microsoft.com/en-us/um/redmond/groups/ivm/ice/>



[Free Tools](#)

pptplex

pptPlex uses Plex technology to give you the power to zoom in and out of slide sections and move directly between slides that are not sequential in your presentation. Watch the videos below to see how pptPlex can help you organize and present information in a non-linear fashion. Test drive pptPlex and wow your audience with your next presentation.

Download it here

<http://bit.ly/t7WQ3z>

Microsoft Office Labs
Explore. Experiment. Discuss.

Watch the video tutorials at the bottom.

pptPlex



Watch all the videos to discover all the cool things you can now do in a PowerPoint presentation thanks to the power of pptPlex.

[Watch Video](#)



How to find and use the pptPlex Ribbon.

[Watch Video](#)



How to create sections in your pptPlex presentation.

[Watch Video](#)



How to create backgrounds in your pptPlex presentation.

[Watch Video](#)



ribbon hero 2



[Free Tools](#)

Do you feel like you're using Word, Excel, PowerPoint, and OneNote the same way version after version, or have you avoided using one of these apps because you don't know how? And you know there's so much more Office could be doing for you if only you knew how to access it? No more! Straight from the secret lairs of Office Labs we present Ribbon Hero 2: Clippy's Second Chance.

<http://bit.ly/lZ9kfe>

<http://www.ribbonhero.com/>



Yes, we turned Office into a game! If you're going to spend time immersed in the inner workings of Office, by golly it should be fun. In Ribbon Hero 2, you'll hop on board Clippy's stolen time machine and explore different time periods. With each time period, you get to explore a new game board with challenges you must complete to get to the next level. Each challenge takes you into Word, Excel, PowerPoint, or OneNote to complete a task. Discover new Office features by actually using them, with a hint button to fall back on in case you get stuck. Race for a high score with colleagues, classmates and friends, or even put your score on your resume to show off your Office skills!



skype in the classroom

[Free Tools](#)

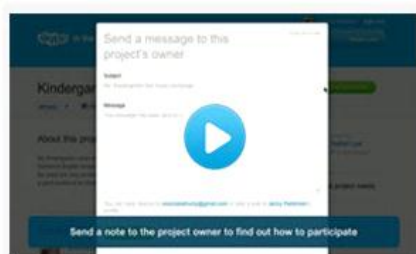
Skype in the classroom is a free global community that invites teachers to collaborate on classroom projects where they might use Skype, and share skills and inspiration around specific teaching needs.

Teachers all over the world are using Skype to make learning more exciting and memorable. It's easy to see why: Skype offers an immediate way to help students discover new cultures, languages and ideas, all without leaving the classroom.

<http://education.skype.com/>



Here's how Skype in the classroom works



Collaborate on projects

Projects are an easy way to find partner classes or guest speakers. Join in or create your own.



Connect with other teachers

Explore the teaching community by location, subjects of interest and ages taught.



Discover new teaching inspiration

Dive into a large shareable library of links, videos and inspirational teaching ideas.



songsmith

Songsmith generates musical accompaniment to match a singer's voice. Just choose a musical style, sing into your PC's microphone, and Songsmith will create backing music for you. Then share your songs with your friends and family, post your songs online, or create your own music videos.

The video on this page demonstrates Songsmith at work in the classroom; in fact Songsmith is [free for teachers](#) to use in their classrooms. Songsmith is great for anyone who wants to create music at home as well. For a quick demonstration of Songsmith in action, check out our [quick tutorial video](#) about creating your first song!

Download it here

<http://bit.ly/nK9uDK>

Watch a video:

<http://research.microsoft.com/en-us/um/redmond/projects/songsmith/>



[Free Tools](#)



spindex

Your Social World in One Page



[Free Tools](#)

Spindex allows you to access and interact with your social networks, see trends from your friends, and see related info from Bing on literally everything you click on. Spindex proactively finds useful articles and information based on your interest in your friends' messages and comments. It lets you find out more about the topics that your friends and feeds are talking about in one click - so you can jump into the conversation.

Make sense of your social overload, open your personalized Spindex page, and find out at a glance what topics are hot in your social world. Spindex is not just a social reader – as you browse your friends' updates, Spindex continually suggests related content from Bing – giving you better insight into the topics and trends spinning around you.

<http://spindex.cloudapp.net/>





tag



[Free Tools](#)

They're in your favorite magazine and on your cereal box. They're Microsoft Tags, [2D barcodes](#) that connect people with information, entertainment, and interactive experiences in the digital world.

People live with their phones, using them during dinner and even before they get out of bed. Microsoft Tag helps you capture them in the moment, engaging them anytime, anywhere through mobile devices. It's easy – just place Tags materials. When folks scan a Tag on their smartphones using the free [Tag app](#), it can take them to your mobile site, show a video, download an app, add contact details to their address book, or display text. You don't have to worry about people correctly typing in your URL or finding you online – Tag instantly puts the relevant info at their fingertips.

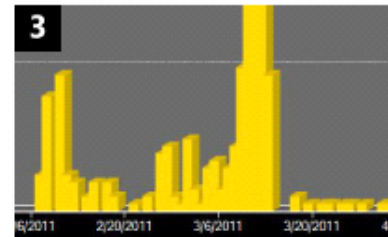
How Tag Works



1 You can create Tags using the free [Tag Manager](#) tool in less than 5 minutes, then add them to your marketing materials.



2 People scan your Tag on their smartphones using the free [Tag app](#), and instantly view the experience you've created.



3 See how well your Tag is performing with free [reports](#), and fine-tune your marketing campaign as needed.



[Tag Pricing](#)

You can create, distribute, and scan Tags, plus get usage reports – all for free.



windows live mesh

Access the stuff on your computers from almost anywhere. With Windows Live Mesh and the Devices website, you can finally stop emailing files to yourself, carrying them around on a USB drive, or worrying whether the version you have with you is the latest.

<http://explore.live.com/windows-live-mesh>



[Free Tools](#)



How to use Windows Live Mesh

Sync between computers

Keep up-to-date copies of documents, photos, and other files on all of your computers, whether PC or Mac. Even if your computer is offline, you can still view and work on the files you need.

Sync program settings

Keep your favorites in Internet Explorer and your Microsoft Office settings up to date on all of your PCs.

Sync on SkyDrive

By syncing folders on the 5 GB of free synced storage space you get with SkyDrive, you can work with up-to-date copies of files on the web from any computer.

Connect remotely

Work on your PC from another location, similar to using Remote Desktop Connection in Windows. Run programs and browse all the files on your PC from anywhere.



windows live movie maker



[Free Tools](#)

Whether you prefer Hollywood or the indie scene, you're the director with Movie Maker.

Import and edit slide shows and videos

Quickly add photos and footage from your PC or camera into Movie Maker. Then fine tune your movie just the way you want it. You can move things around, speed it up or slow it down—it's up to you.

Edit the soundtrack and add a theme

Enhance your movie with audio and a theme. Movie Maker adds transitions and effects automatically so your movie looks polished and professional.

Share your movie online

Once your movie is ready, share it online on Facebook, YouTube or other social networking and video sharing sites. Send a link to your movie in an email to family and friends so they won't miss it.

Download it here

<http://dft.ba/-windowsslivemoviemaker>





windows live photo gallery

Photos made fun.



[Free Tools](#)

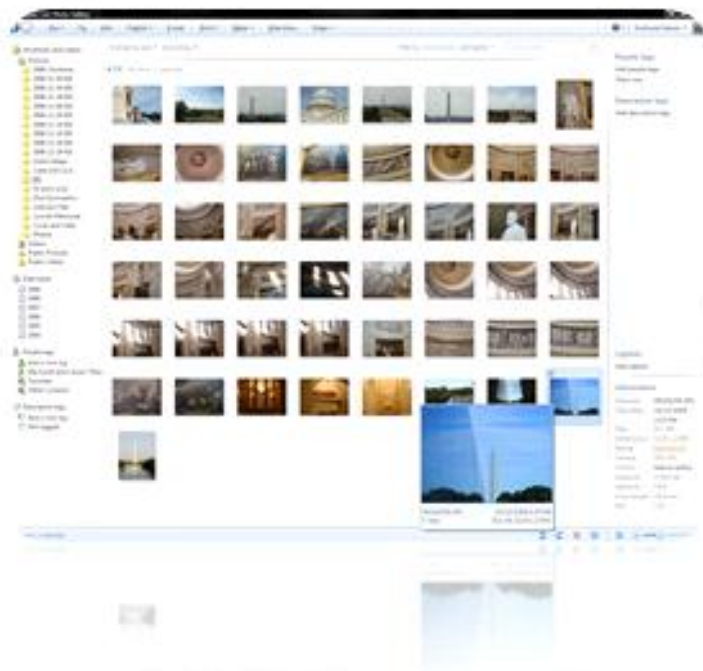
Import photos from your camera, organize them into albums, and edit them so they look their best. Use powerful photo tools to create stunning panoramas, movies, slide shows, and more. When you're ready to share, publish your photos and videos to your favorite websites like Facebook and Flickr directly from Photo Gallery.

Download it here

<http://explore.live.com/windows-live-photo-gallery>



Photo Gallery





windows live skydrive



[Free Tools](#)

How much storage do you carry around on that flash drive? SkyDrive is 25gb of file storage along with Windows Live services that allow users to upload files to the cloud, then access them from any web browser.

You may ask "accessing my documents anywhere is great but what about editing my Word, PowerPoint or Excel documents online?" Enter the Microsoft Office Word, PowerPoint, Excel and OneNote Web Apps! With these streamlined companion programs you can easily open your document in a browser and make light changes. Later when you get home or school you can reopen them with the full version of Microsoft Office 2007/2010 to complete your work! Nothing is lost in the cloud!

<http://bit.ly/hgSHRS>





office webapps

Whether you're in the office, at home, or on the road, Microsoft Office Web Apps help you get more things done virtually anywhere and anytime. These convenient online companions to Microsoft Word, Excel, PowerPoint, and OneNote offer you an easy way to access, view, and edit documents directly from your Web browser.



[Free Tools](#)



WORD



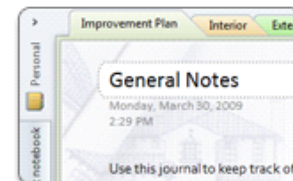
EXCEL



POWERPOINT



ONENOTE





windows live writer



[Free Tools](#)

You can create beautiful blog posts, and see what they'll look like online before you publish them to your blog. Plus, you can publish your posts to any of your favorite blog service providers.

<http://explore.live.com/windows-live-writer?os=other>





worldwide telescope



[Free Tools](#)

WorldWide Telescope (WWT) enables your computer to function as a virtual telescope, bringing together imagery from the best ground and space-based telescopes in the world. Experience narrated guided tours from astronomers and educators featuring interesting places in the sky.

<http://dft.ba/-wwt>

<http://cdn.worldwidetelescope.org/beta/WWTSetupPenumbra.msi>



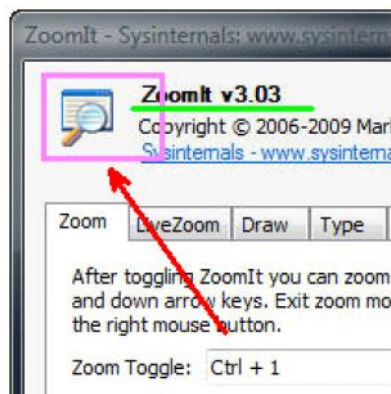


zoomit



[Free Tools](#)

- ZoomIt is screen zoom and annotation tool for technical presentations that include application demonstrations. ZoomIt runs unobtrusively in the tray and activates with customizable hotkeys to zoom in on an area of the screen, move around while zoomed, and draw on the zoomed image.
- ZoomIt works on all versions of Windows and you can use pen input for ZoomIt drawing on tablet PCs.
- <http://dft.ba/-zoomit>



About Me

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Presentation Resources

<http://goo.gl/xUmJ7>

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