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All the online tools found in this document are listed on EduTech's Online Tools blog. There are also additional online tools found there that won’t be covered during this workshop. Feel free to explore them outside of class. As the EduTech training staff find new online classroom tools they will be added to this blog, so be sure and check back often.

To access the Online Tools blog, go to http://blogs.edutech.nodak.edu/onlinetools/

There are multiple ways to search for online tools in this blog.

- You can type the name of the tool in the search field and click Search.
- You can select a particular category of interest such as Science or Art.
- You can select a particular Online Tools Workshop Title and all the tools discussed in that course will be displayed.
- You can select a link from the Resources section that will take you away from this blog to explore other websites.

To get back to the homepage, select the Home or Welcome! tab near the top of your screen.

**COMMENTS**

One of the requirements of this workshop is to post comments to those websites you explore. Your instructor will make this assignment during the workshop. When you post a comment, please consider that many other educators will be reading them.

Comments are most helpful when they describe **how** you will use the online tool in your own practice. Grade level and content area references are also helpful!

Instructions for posting comments are found on the homepage of the Online Tools blog.
Animoto

Animoto is an exciting website that compiles the user’s photographs with music and interesting transitions. It is taking the traditional slide show to a whole new level. Animoto provides a free service for an unlimited amount of 30 second videos. For a fee, the user can upgrade their account to make longer videos. As a teacher, however, Animoto has an education version that provides free access to all of their features.

Getting Started with Animoto:

1. Go to blogs.edutech.nodak.edu/onlinetools/
2. Click on Presentation Tools
3. Click on the Animoto link
4. Click on the Sign Up button in the upper right hand corner
5. Fill out the registration form.
6. The screen will go to the My Videos page with the user logged in.

MAKING AN ANIMOTO VIDEO:

1. Click on Create One in the center of the page.
2. Select Animoto Short
3. Now select the images to use in the video.

Note: For the purpose of this workshop, use the Select from our collection button.

4. Choose from the collections listed
5. Pick 12-15 photos from the collections. Choose multiple photos at the same time by pressing the ctrl key (PC) or command key (MAC).
6. Click Continue
7. Now organize the photos by dragging and dropping them in the correct order.
8. Use the controls (as shown in Figure 1) to get the look desired

- **add more** - Add more photos to the video
- **add text** - Add text to video (A box will appear at the right of the screen where text should be entered. There are also additional instructions here.)

Note: Each section of text counts as an image, so if 12 pictures and 5 sections of text are used, the video will not turn out right for the 30 second time limit.

- **rotate** - Rotate pictures that are uploaded facing the wrong direction
- **spotlight** - Tells Animoto that the image is of greater importance than the others and it will be featured.
- **delete** - Remove a photo or text section from the video.

9. Click on **Tips for this Section** for additional feedback and instructions.
10. Click Continue when done selecting and organizing images.

Now it is time to choose music for the video. Animoto gives the user a choice between using their own music or the provided music from Animoto. Note: For the purpose of this workshop we will be using the music provided by Animoto.

1. Click Select from our Collection
2. Choose a genre of music
3. Click on Play to the right side of the song title to preview the song.
4. Once a song is chosen, click Select
5. Once Selected, Animoto allows the user to preview the song again.
6. Click Save & Continue or Change Soundtrack if a different song is desired.
7. To finalize the video, be sure that Animoto Short is selected and the middle button selected for image pacing.
8. Click Continue
9. Enter and Title and Description of the video
10. Click Create Video

The video will now be created. It will take time for it to be made. Once completed, Animoto will email the creator to let them know it is done. The completed video can be shared, downloaded or remixed. If it is remixed, Animoto uses the same photos and music, but changes the transitions on the video.

**PreZentit**

PreZentit is an online tool that allows a user to build presentations similar to PowerPoint all online for free. Photos can be uploaded from your computer files or can be selected from a gallery. PreZentit files can be

- created in English or Spanish
- stored on secure servers
- shared over the Internet.

**To create PreZentit account:**

1. Go to http://blogs.edutech.nodak.edu/onlinetools/
2. Click on Presentation Tools.
3. Click on the Sign Up button for full functionality and fill in all the required information or click on the Try It button.
4. Once the account has been created, login with your user name and password.
5. Click on New Presentation.

**To add text:**

1. Click on the Insert tab and then Text. A placeholder where text is to be entered appears on the page as well as a format toolbar.
2. Double click on the placeholder to enter text. To move text, click on the placeholder once and drag to desired location.

**To upload images:**

1. Click on the *Upload* button.
2. Click on the *Browse* button to locate the images on the computer files.
3. Select the desired image(s) and click *Open*.
4. The selected images will upload to the library.

**To add a new slide:**

1. Click on the + button on the upper left hand corner of the screen.
2. A new slide will appear below the currently selected slide.

**To add transitions:**

1. Click on the Transitions link.

**To save the presentation:**

1. Click *Save and Close*.

**To view the presentation:**

1. Click on the *Preview* button to preview.
2. After saving the presentation, click on *Share* or *Publish*.

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**Empressr**

Empressr is an online tool that allows a registered user to build presentations similar to PowerPoint all online for free. Empressr has an inclusive media library with special features such as drag-n-drop, search, filter and keyword support to quickly locate files. Or, photos can be uploaded from Flickr, Google, Yahoo, Photobucket or the computer files. If there is a built-in webcam, it will even shoot a still photo, record video and audio. Empressr also has tools to create charts and tables.

Empressr created files are stored on secure servers and can be shared over the Internet. There is even a tracking feature to see how many people view the file.

**To create an Empressr account:**

1. Go to blogs.edutech.nodak.edu/onlinetools/
2. Click on Presentation Tools
3. Click on the Empressr link
4. Click on the *Sign Up Now* button and fill in all the required information.
5. Once the account has been created, login with your user name and password.
6. Click on **Create New** and the Getting Started window (See Figure 5) will open with three options:

**START WITH A BLANK PAGE**

*Start with a Blank Page* (see Figure 6) allows the user to start with a blank page and build their presentation page by page. The following window opens:

![EMPRESSR BLANK PAGE WINDOW](image)

**FIGURE 6 EMPRESSR BLANK PAGE WINDOW**

**To add text:**

1. Click on the **Text** icon in the right pane. A placeholder where text is to be entered appears on the page.
2. Double click on the placeholder to enter text. *Note: The text properties window (see Figure 7) opens in the right pane with options to edit text.*
3. To move text, click on the placeholder once and drag to desired location.
4. To resize text, click on the placeholder once and use handles to resize.

**To add shapes:**

1. Click on the **Shape** icon. A circle will appear on the page.
2. Double click on the circle. *Note: The shape properties window (see Figure 8) opens with options to edit shapes.*
3. To move shapes, click on the shape once and drag to desired location.
4. To resize shapes, click on the shape once and use handles to resize.

**To add library images:**

1. Click on the **Library** button to find the desired image.
2. Select the image and drag and drop it onto the main canvas area of the presentation.
3. Resize or move as desired.

**To upload images:**

1. Click on the **Upload** button.
2. Click on the **Browse** button to locate the images on the computer files.
3. Select the desired image(s) and click **Open**. *(Hold down the Control key to select multiple images)*
4. The selected images will upload to the library.

**To import images from the web:**

1. Click on the **Import** button. The Import panel opens with two choices:
2. 'Enter url to asset' (Enter the path to an image already on the web)
3. 'Search word or Tag' (Enter a word and search either in Flickr, Google or Yahoo for an image of the same description)
4. Click on the desired image.
5. Drag and drop the selected image to the main canvas area of the presentation.
6. Click the **Import** button again and the Import area will close.

**To add a new slide:**

1. Click on the **Add** button on the upper left hand corner of the screen.
2. A new slide will appear below the currently selected slide.

**To set master properties (background, audio, transitions and canvas properties):**

1. Click Master Properties on the menu bar. The following master properties window opens.

![FIGURE 9 SHOWS THE EMPRESSR MASTER PROPERTIES WINDOW](image)

**To save the presentation:**

1. Click **File** and then **Save As**.
2. Enter the relevant details requested in the ‘Save As’ dialog box that appears.
3. Click the **Submit** button.

**To view the presentation:**

1. Click on the **Preview** button to preview.
2. After saving the presentation, click on **File** and then **Exit**. A thumbnail of the presentation with its title and additional information will appear on the main page of Expressr.
3. Click the **Play** button and give the presentation time to load. Once loaded, the presentation will begin playing.

**IMPORT A **PowerPoint File**

Import a PowerPoint allows the user to upload a PowerPoint file on their computer to Empressr. To import a PowerPoint file:

1. At the Start Up window, click on **Import a PowerPoint File**.
2. From the Choose PowerPoint Document window, click on the appropriate radio button:
3. Make each slide its own image
4. Make my PowerPoint editable.
5. Click the Browse button to locate the PowerPoint file and then click Open. The file will begin uploading. Depending on the size of the PowerPoint, this may take some time.
Tux Paint

Tux Paint is an open source program you can download for kids to use to draw and paint. It is for ages 3-12 and has lots of options, including coloring book pictures and starter backgrounds.

1. Go to blogs.edutech.nodak.edu/onlinetools/
2. Click on Photo Editing
3. Click on the Tux Paint link
4. Click anywhere on the home window (See Figure 10) to continue. The title screen will go away automatically after 30 seconds and the main editing window (See Figure 11) will open.

The main window has five sections, a toolbar, a drawing canvas, a selector menu, a color palette and a help area. The toolbar, located on the left side of the window, contains the drawing and editing controls. The drawing canvas, which is the large gray center of the window, is where you draw. On the right hand side of the window is the selector menu. This menu changes as individual tools are chosen on the toolbar. At the bottom of the window is the color palette and the Linux Penguin which provides tips and other information while you draw.

**Drawing Tools**

*Paint (Brush)*—allows the user to draw free hand. The size and color of the brush can be changed using the selector menu and color palette. Hold down the mouse and move it to draw. A sound is played as user draws. The pitch of the sound changes with brush size.

*Stamp (Rubber Stamp)*—a set of rubber stamps or stickers. Some of the stamps color can be changed. If a stamp can be changed, the color palette is activated. Some stamps can be resized, flipped or mirrored.
and have sound effects. Buttons at the lower left of the window will be displayed if these options are available on the selected stamp.

**Lines**--draw straight lines using the various brushes and colors by holding the mouse down at the starting point and moving the mouse to the ending point of the line. A sound will play when the mouse is released.

**Shapes**-- draw some simple filled, and un-filled shapes by clicking the mouse and holding it to stretch the shape out. Depending on the shape, some proportions can be changed. There are two modes to select from when using the Shapes tool:

- Normal Mode--allows the user to move the mouse around the canvas to rotate the shape
- Simple Shapes Mode--allows the user to draw on the canvas, with no rotation step

**Text**--enter text using various fonts and text color. Tux Paint has a special feature, the International Character Input that allows inputting characters in different languages.

**Magic** (Special Effects)--a set of special tools. Click on the Magic button and then select one of the "magic" effects from the selector on the right. Depending on which effect is selected, click (or click and drag) on the object to which the effect is to be applied.

**Eraser**--click (or click and drag) on the drawing canvas with a number of eraser sizes and shapes to erase. A "squeaky clean" eraser/wiping sound is played when erasing.

**OTHER CONTROLS**

**Starter' Images**--a collection of predesigned black and white outlined pictures.

*Note: When working with a Starter image clicking on the Save creates a new file and doesn’t overwrite the original.*

**Erase**-- clears the entire drawing canvas.

**Slides** (slide projector) --goes to slideshow mode.

**Save**--saves the current drawing. A "camera shutter" sound effect will play when saving. Shortcut keystroke is Control S.

**Slides** (under "Open")--allows the user to select or deselect drawings from a list of saved files that are to be included in the slideshow presentation. A number will appear on each slide to display the order in which they will be shown in the presentation. The presentation can be played with automatic advancement or manually. To change the automatic advancement speed, use the sliding scale at the lower left of the screen next to the Play button. To play the presentation manually, disable the automatic advancement in the lower left part of the window. The user will need to press the spacebar, the enter/return key, the right arrow or Next button to manually advance each slide. To go back a slide(s) press the left arrow. To exit the slideshow, press Escape.

**Sound Muting**-- press Alt + S to enable or disable sound
Sumo Paint

Sumo Paint is a free, online image editor and painting software. This software would be best for intermediate or higher skill level. Once registered, users can edit their own images, or work with images stored online by Sumo Paint.

Image Editor and Painting Software

To edit user images:

1. Go to blogs.edutech.nodak.edu/onlinetools/
2. Click on Photo Editing
3. Click on the Sumo Paint link
4. Click on Open Sumo Paint and start fooling around! link on the Sumo Paint's home page. (See Figure 12)

The following edit window opens: (See Figure 13)

Sumo Paint's main editing window consists of nine sections:

- Toolbar
- Image window
- Menu bar
- Options bar
- Info / Zoom window
- Color Picker window
- Color Hex Value
- Swatches window
- Layer Menu
Some of Sumo Paint's Great Features

**Brushes**—many options for setting the brush diameter, opacity and flow values. The brush tool supports scattering, random rotation, gravity, blend modes and brush effects including smoothing, bevel, wet edges and ink.

**The Shapes Tool**—wide variety of different shape tools including a rectangle, rounded rectangle, star, rounded star, bulky star, pie, polygon, symmetry, and custom shape tool.

**Ink Tool**—creates realistic ink impressions.

**Gravity**—transforms the drawn line to curves, creating abstract and beautiful artwork.

**Symmetry Tool**—creates beautiful symmetrical creations

**Shape Trails**—creates ghost trails on all shapes except the custom shapes

**Layers With Blending Modes**—supports these features: Opacity, Blend Mode, Hide, Duplicate, Rotate, Merge Visible, Merge Down, Flatten, Delete, Bring to Front, Send to Back, Move Up and Move Down.

**Filters**—wide variety of different effects including Blur, Sharpen, Emboss, Detect Edges, Glowing Edges, Liquid Waves, Pinch, Twirl, Halftone Pattern, Pixelate, Clouds, Noise, Perlin Noise.

There are many, many more features for editing that are not covered in this documentation. To checkout those features, click on the **Help** link. To see what other users have done with different features on Sumo Paint, click on the **Screenshots** link.

Online Image Library

Sumo Paint has a library of stored images that other registered users have created. Click on the **Images** link on the home page to see this collection. Registered users can easily upload their images to be stored by clicking on the "**Load new image**" button.

To select a desired image, click on that image. The image along with a menu bar (see Figure 14) opens. The following options are available:

- open in Sumo Paint
- load
- save
- download as a zipped package
- mark as favorite
- print
- show features
- rate
- delete

FIGURE 14 SUMO PAINT IMAGE MENU BAR
EDU Glogster

Edu Glogster is web 2.0 secure platform that easily allows for uploading images, videos, text, and other resources to create an online interactive poster. Teachers are able to create groups within the school as well as outside the classroom with other classroom, state or beyond. A great video to introduce the neat features of EduGlogster, http://www.slideshare.net/glogster/glogster-edu-education-20, or visit YouTube for a tutorial http://www.youtube.com/watch?v=80NISdsoouE.

To create a EDU Glogster account:

1. Visit www.glogster.com/edu. If you already have a gGogster account, you will have to register for an edu glogster account using a different email address.
2. For student accounts, enter the number of students you would like to use with this account.
3. Click sign up.
4. Your Profiles will open up. Here you will also see Friends. These are student accounts that were created. Each student was given a nickname and then be sent a unique password of letters and numbers "Glog".
5. Share those nicknames and passwords with your students. The teacher will be emailed a list of student nicknames and passwords to be distributed to their students.

To create a new Glog:

1. Click on Create a Glog.
2. Use the tool box to create your glog:
   3. Graphic
   4. Text
   5. Image
   6. Video
   7. Sound
   8. Wall
3. Begin with Wall to set the background.
4. To change layout or edit object, click the object.
5. Color,
6. Font
7. Add a link (When adding a link, paste the link in the URL box. A link can’t be tested until you save/publish the page.)
8. Upload images, video or sound from the desktop by clicking on the Upload button. When adding image or video, click on the tab to add frame or player to enhance the appearance.
9. Click Save and Publish when finished. (Recommended to save as a Classic Glog)
10. Name your glob and select a category.
11. Elect to make it private or public.

The glog can be embedded into a Wiki by clicking on “View this Glog” and then “Embed into your page”. A code will appear on the next window. Use this code in your Wiki or Web page to link to your glog. (Note: The height and width of your glog can be adjusted for your Wiki or Web page.)
BeFunky

BeFunky turns ordinary photographs into works of art. A free website that requires no registration, it is very simple to use. Once the photographs have been transformed, they can be downloaded and saved for use in several classroom projects.

To Use BeFunky:

1. Go to blogs.edutech.nodak.edu/onlinetools/
2. Click on Photo Editing
3. Click on the BeFunky link
4. Click the Get Started Now button on the right side of the page
5. Choose one of the art styles listed (this can be changed later)
6. Now select the location of the photo by making sure the first option, Upload from Computer, is selected and click browse files (as shown in Figure 15).
7. Choose a picture file and click Select
8. Once the photo is uploaded, the user can now rotate or crop the picture by using the tools in the toolbox that appears with the picture.
9. To rotate the image, simply click on the rotate left or rotate right to get the desired effect.
10. To crop the image, click the crop button and a box with handles appears on the picture. Click and drag the handles to surround the area desired; then click ok.
11. If no editing is desired, click the skip editing button.
12. BeFunky will now apply the effect to the photo. The effect can be changed by clicking the art options on the left side of the page or altering the effect slightly by clicking an option across the top of the page.
13. Once the picture is ready, the user can now choose to save the picture to their computer or share the image via email or social networking sites.

To save the picture:

1. Click Save
2. Give the image a name
3. Choose either Save to my Desktop or Save to my Gallery. (Note: Save to my Gallery is a way to save images right in BeFunky, the user must register to do this, it is not recommended for this workshop.)

To share the picture:

1. Click Share
2. Fill out the boxes in the window that appears with the sender and receiver's data.
3. Click Send Now!
Online Tools for the K-12 Classroom

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Online Collaboration Tools

Skype & Oovoo

Skype provides a free audio, video and text call service to all over the world. Both of these websites are great classroom resources for interviewing primary sources or visiting with people far away. It is a simple download that is installed on the local machine. Once installed, the user can find and save contacts. They can also be used to call mobile or land line phone numbers for a small fee. Additional users can also be added for a fee.

Poll Everywhere

Poll Everywhere is an online polling software that allows users to set up their own quizzes and get results in real time. Respondents can reply via text messaging or online. A great tool in the classroom for getting feedback from students or anytime a response is needed from a crowd. Another great feature is the poll can be used directly in PowerPoint or Keynote. This allows the user to put their Poll Everywhere poll right into their presentations.

To set-up a poll:

1. Go to blogs.edutech.nodak.edu/onlinetools/
2. Click on Online Collaboration
3. Click on the Poll Everywhere link
4. Click Sign-up for free
5. Fill out the registration form
6. Once logged in, the user can now choose one of the types of polls they wish to use. There are 3 options:
   a. Multiple Choice Poll- Use for data gathering, feedback or profiling
   b. Free Text Poll- Use for short answer quizzes, data gathering or anytime a specific answer is needed.
   c. Goal Poll-Use when fundraising or trying to reach a specific goal.
7. Choose Multiple Choice Poll and enter a question with possible answers.
8. Click Save New Poll
9. A screen will appear with options for texting the answers via cell phone, to see how to reply via the web, click Web Voting on the right side of the screen as shown in Figure 16.
10. Now, copy and paste the web address at the top of the page to an email, website or blog.
11. If the user chooses to place the poll in a PowerPoint or Keynote slideshow, click the drop down arrow next to download slide and choose a download option as shown in Figure 17.
To use Poll Everywhere in PowerPoint for PC:

1. Click PowerPoint 2007 or PowerPoint 97-2003 depending on the version used.
2. A dialog box will pop-up asking where to save the PowerPoint slide. Choose the location, and click Save.
3. The PowerPoint slide can now be placed into a slide show.

To use Poll Everywhere for Mac presentations:

1. Click the Keynote and PPT Mac Icon
2. Follow the directions on screen for downloading and installing the Poll Everywhere Deskbar.
3. Once the deskbar widget is installed Poll Everywhere can be used while giving a presentation in Keynote or PowerPoint. The poll will not be put directly into the presentation.

All the polls that are made will be saved under the account name of the user until it is deleted. Results are also saved so the user can go back and review them at a later date.
Purpose Games

Purpose Games is a website that allows you to design your own educational games or access games made by others. The games are all educational in nature and it is quite simple to use. You will need to register for an account and wait for a confirmation email to be sent in order to begin. (It can take 15-20 minutes to receive your confirmation email)

To set up your account:

1. Go to blogs.edutech.nodak.edu/onlinetools/
2. Click on Drill & Practice
3. Click on the Purpose Games link
4. Click on Register in the upper right hand corner of the screen as shown in Figure 18.
5. Fill out the required information and click on .
6. They will email you your login and password information. (Note: This process takes some time, so the workshop will continue on and we will return to Purpose Games later on.)

To play premade games:

1. Click on Games at the top of the website.
2. Choose one of the games or type a topic (ie. North Dakota) in the search box at the upper right corner of the page to find a game of your choice.
3. Click on the play icon to play the game as shown in Figure 19.
4. Once the game comes up on screen, press the button.
5. To select the answer, click on the small green dot on top of the correct answer.

To create custom games:

1. Click on Create at the top of the website
2. Choose either Quiz Game or Multiple Choice Game
   a. If Quiz Game is selected the user can choose one of the images available or upload one of their own to the website.
3. Follow the directions on screen to build a game
4. Once a game is completed the user can choose to make the game public or private. If public, anyone that goes to purposegames.com can find and play the game. If the game is private, the designer will be given a direct link to the game that can be shared with just the people who should get access to it.
Additional Tools

**BUBBLESNAPS**

Bubblesnaps ([www.bubblesnaps.com](http://www.bubblesnaps.com)) is a fun application that allows the photos to do the talking! It is easy to add words in bubbles to pictures from the class party or latest field trip! Just upload the photo, choose from the speak bubble or think bubble, add a comment to the bubble and email the new photo to selected people. The bubble can be resized by dragging at the corners, moved by dragging at the edges and redirected by dragging the bubble pointer to the desired location. *Note: Make sure the "Allow viewers of your Bubblesnap to save or use your image to reply or create their own Bubblesnap" checkbox is checked when sending the email.*

**CAMEROID**

Cameroid ([www.cameroid.com](http://www.cameroid.com)) uses the webcam attached to the computer to take a picture right from the browser. There are some fun effects that can be added to the picture.

**MY STICKIES**

MyStickies ([www.mystickies.com](http://www.mystickies.com)) allows the user to put unlimited sticky notes all over the web. It is a bookmark that not only marks the website, but all the information written on the sticky note. There is an account area where the user can view and edit all the sticky notes they posted. Tags can be added to assist in searches.

**STOPWATCH**

StopWatch ([http://www.online-stopwatch.com/](http://www.online-stopwatch.com/)) is a free online application that time or counts down time for classroom activities. Users have the capability of selecting from a variety of options including a large stop watch, a stay on top application, split lat timer, clock countdown, egg timer, bomb timer to a custom countdown.

**WORDLE**

Wordle ([http://wordle.net](http://wordle.net)) is a fun website that creates "word clouds" (or "tag clouds") for text analysis. Wordle can be used in the classroom

- to summarize the content of an essay or other piece of work
- for self-reflection
- to summarize results of surveys that use text
- to illustrate student work in the form of art

Wordle is easy to use. Have students write some text, like an essay or an article, select all of the text and copy it. Then go to Wordle and paste the text to obtain the Wordle graphic.

**ZOOMIT**

ZoomIt is an application that zooms in or out of the screen during a presentation. Go to the Online Tools blog to download. The first time ZoomIt opens, the user can enter data to configure its behavior. *Note: ZoomIt is for PC users only.*