# Online Collaborative Tools

Online collaborative tools can be organized into eight main categories. Click a category or tool type to access links and information about sample tools and resources. Additional tools may be found in the Intel® Teachers Engage Online Community (http://engage.intel.com), a community for educators that focuses on core topics of the Intel® Teach Program. Explore the *Topic by Content* folders for the categories of tools.

**Elementary**

**NOTE:** This icon means the Web site has no age restrictions, and the tool is appropriate for younger students. Other tools may be appropriate for elementary grade use with the teacher's facilitation.

| Category | Tool Type | Classroom Use |
|---|---|---|
| Research & Search | • Bookmarking<br>• File sharing<br>• Photo sharing<br>• Source citation | Teachers and students save, comment on, organize, and share research resources. |
| Collaborative Writing | • Blogs<br>• Collaborative documents (word processing, spreadsheets, charts, databases, graphs, presentations, and so on)<br>• Wikis | Teachers and students write, share, and collaboratively create online content. |
| Communication & Messaging | • Instant messaging<br>• Microblogging<br>• Video and audio conferencing | Teachers and students communicate with each other, other classrooms, community members, and experts. |
| Visual Creation | • Drawing<br>• Graphics creation<br>• Image editing<br>• Mind mapping/graphic organizers<br>• Vodcasting/video editing | Teachers and students design, share, and collaboratively create online visual content. |
| Audio Creation | • Audio creation and editing<br>• Podcasting<br>• Voiceovers | Teachers and students design, share, and collaboratively create online audio content. |
| Project Management | • Calendars<br>• Task and milestone tracking<br>• To-do lists | Student teams manage and organize their projects. |
| Data Collection | • Forms, polls, and surveys<br>• Social geographical mapping | Teachers and students collect and analyze data from a wide variety of sources. |
| Teacher Productivity | • Assessment resources<br>• Calendar<br>• Lesson plan builders<br>• Notetaking/Assignments | Teacher-specific resources assist in classroom organization and management. |

**Research & Search Tools**

## Bookmarking

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Delicious\*** | http://delicious.com | • The "biggest collection of bookmarks in the universe"—you can access the most popular/valued bookmarks on a subject.<br>• Share and tag bookmarks. | • Must have a Yahoo!\* account to get a Delicious account. | | ✓ | | Of "legal age to form a binding contract"; under 13 allowed under a "family account." | Creates an e-mail account at time of Yahoo! registration. |
| **Digg\*** | http://digg.com | • Can rate bookmarked sites.<br>• "Best" sites surface as highest rated.<br>• Self-described as "resource for discovering the most interesting content [on] the Web." | • Value of sites is rated by popularity, not by academic excellence.<br>• Inappropriate content could be highly rated and easily accessible. | | ✓ | | Must be at least 13 years old. | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Diigo\*** Elementary | www.diigo.com | • Can highlight and comment on a page. • Can create private groups. • Send snippets by e-mail. • Share and tag bookmarks. | • Diigo toolbar may not install in some school settings, but web-based tool available. • Limited support for Google Chrome\*. | Educator version: Ads presented to student account users are limited to education-related sponsors. | ✓ | ✓ | ✓ | ✓ |

Return to top

## File Sharing

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **4Shared Free File Sharing\*** | www.4shared.com | • 10 GB of free storage.<br>• Available for all file formats.<br>• Files can be shared with anyone, including nonregistered users through a generated Web link to the file.<br>• Can share a read-only version or a file others can edit.<br>• Can allow others to upload to the account.<br>• Intuitive to use; similar to an e-mail program interface. | • Must log in at least once per 30 days.<br>• "Featured" files (usually photos) are listed on the front page and change frequently; content may not always be appropriate for students. | ✓ | ✓ | | ✓ | Does not require an e-mail to download shared files through a URL. |
| **Dropbox\*** | www.dropbox.com | • 2 GB of free storage.<br>• Available for all file formats.<br>• Can sync files between team members and/ or your own computer and the online site.<br>• Automatically syncs when new | • If two people have the same file, a second "conflicted" file will be created online.<br>• Requires installation to use the sync feature. | ✓ | ✓ | | ✓ | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|------|-----|-----------|---------------------------|---------|---------------------------|---------------------------|------------------------|-------------------------------|
|  |  | files or changes are detected.<br>• Can work on Dropbox files when offline.<br>• Can create shareable, online photo galleries.<br>• 30 days of undo history available.<br>• Shared folders viewable only by invited users.<br>• Available for Windows, Mac, Linux, and iPhone. |  |  |  |  |  |  |

Return to top

## Photo Sharing

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Flickr*** | www.flickr.com  www.flickr.com/creativecommons | • Photos can be mapped to a location.  • Millions of photos to search without having an account.  • Photos can be annotated. | • Must have a Yahoo!* account to get a Flickr account. | ✓ | ✓ | | Of "legal age to form a binding contract"; under 13 allowed under a "family account." | ✓  Creates an e-mail account at time of Yahoo!* registration. |
| **Picasa Web Album*** | http://picasaweb.google.com/home | • 1 GB of free storage.  • Built-in editor.  • Can upload to friends' albums.  • Tag photos using Google Maps* or Google Earth*. | • Must have a Google* account. | ✓ | ✓ | | Of "legal age to form a binding contract." | |
| **SendPhotos*** | www.sendphotos.com | • Can upload photos through cell phones.  • 1 GB of free storage.  • Set privacy levels for albums/photos.  • Easy sharing.  • "Photo stories".  • Can designate others to upload to album. | • Age requirements.  • Invited "guests" must have e-mail and register for an account. | ✓ | ✓  Can "opt out" by sending an e-mail to not receive promotional information. | | Must be at least 16 years old. | Requires e-mail for registration but not to use account; e-mail used to invite others to view albums. |

Return to top

## Source Citation

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **BibMe\*** <br> Elementary | www.bibme.org | • Download bibliography in MLA, APA, Chicago, or Turabian formats. <br> • Can create citations without registering—or register for an account to save citations for each project. | • Limited types of citation sources from which to choose. | | ✓ | ✓ <br><br> Designed for education. | ✓ | ✓ <br><br> Can create citations without registering. |
| **EasyBib\*** <br> Elementary | www.easybib.com | • Create citations in MLA format for free. <br> • Can create citations without registering—or register for an account to save citations for each project. | • APA and Chicago/ Turabian format requires paid account. | | ✓ | ✓ <br><br> Designed for education. | ✓ | ✓ <br><br> Can create citations without registering. |
| **NoodleBib Express\*** | www.noodletools.com/noodlebib/express.php | • One-time citation creator for MLA, APA, or Chicago. <br> • Extensive list of citation types from which to choose. | • Cannot create an account to save citations in free version. | ✓ | ✓ | ✓ <br><br> Designed for education. | ✓ | ✓ |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **NoodleBib MLA Starter\*** <br><br> Elementary | www.noodletools.com/noodlebib/starter.php | • Designed for students in grades 1 through 5 to introduce the basics of citing a source. | • Limited types of citation sources from which to choose. | ✓ | ✓ | ✓ <br><br> Designed for education. | ✓ | ✓ |

Return to top

# Collaborative Writing Tools

## Blogs

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|------|-----|-----------|---------------------------|---------|---------------------------|---------------------------|------------------------|--------------------------------|
| **Blogger\*** | www.blogger.com/start | • Can have multiple authors.<br>• Can be public or private for designated users.<br>• Can post to blog from cell phone.<br>• Available in 41 languages.<br>• 1 GB of free storage. | • Must have a Google* account.<br>• Photos are automatically hosted in a Picasa* account. | ✓ | ✓ | | Of "legal age to form a binding contract." | |
| **Edublogs\*** <br> Elementary | http://edublogs.org | • Designed for educators and students.<br>• Privacy and access controlled.<br>• Can also create Web pages linked from blog.<br>• 20 MB of free storage. | • 20 MB of storage is small in comparison to other sites. | Ad-free on paid version only. | ✓ | ✓ Designed for education. | ✓ | No e-mail on paid version only—create 15 student accounts at a time under teacher account. |
| **LiveJournal\*** | www.livejournal.com | • Can create posts that are friends-only, private, or public. | • Can search for blogs by school when affiliated. | Ads are said to be appro- | ✓ | | Users under 13 years old are required to have a | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
|  |  | <ul><li>Can post to blog from cell phone.</li><li>Can turn the journal into a bookstore-quality book with cost.</li><li>Can create and join specific communities.</li><li>Can record a "voice" post and create a podcast.</li><li>Can create photo galleries and "scrapbooks."</li><li>1 GB of free storage.</li></ul> |  | priate for all ages. |  |  | parent or guardian review and complete the registration process. |  |
| **WordPress\*** | http://wordpress.com | <ul><li>Can have multiple authors.</li><li>Can be public or private for designated users.</li><li>Nice themes.</li><li>Easy slideshows.</li><li>Can create Web pages.</li><li>3 GB of free storage.</li></ul> |  |  | ✔ |  | Must be at least 13 years old. |  |

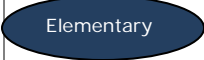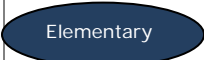Return to top

## Collaborative Documents

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Google docs\*** | http://docs.google.com | • Offers word processor, spreadsheet, presentation, form/survey creator, and many other applications.<br>• Can share and concurrently edit files.<br>• 1 GB of free storage.<br>• Can upload any file—even those that you cannot edit online.<br>• Can provide just a link to share a file—no need for log in if users only view files. | • Collaborators must have valid e-mail addresses. | ✓ | ✓ | | Of "legal age to form a binding contract." | |
| **j2e\***<br>Elementary | www.j2e.com | • Offers word processor, desktop publisher, Web page creator, form creator, and drawing pad.<br>• Can share and concurrently edit files.<br>• 50 MB of free storage.<br>• No minimum age requirement. | • Not as intuitive to use as other collaborative document sites.<br>• To start, select Start j2e.<br>• Register when you save the file.<br>• No spreadsheet or presentation file types. | ✓ | ✓ | ✓<br><br>Designed for education. | ✓ | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **ThinkFree\*** | http://member.thinkfree.com/member/goLandingPage.action | • Includes both a Web version and a downloadable version to create, share, and sync up documents, forms, portfolios, spreadsheets, and presentations. <br> • Provides 1 GB of online storage. <br> • Includes project and task areas. | • No concurrent editing. | ✓ | ✓ | | Must be at least 13 years old. | |
| **Zoho\*** | www.zoho.com | • Offers word processor, spreadsheet, presentation, note taker, and many other applications. <br> • Can share and concurrently edit files. <br> • Can access and edit existing documents without an Internet connection and synchronize the modified documents later with the online versions. <br> • Can integrate chat within Zoho Show (presentations) to have enhanced | • Collaborators must have valid e-mail addresses. | ✓ | ✓ | | Must be at least 13 years old. | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| | | participation with collaborators or audience. <br>• Currently no file storage limits, but will be 1 GB in the future. | | | | | | |

[Return to top](#)

## Wikis

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Google Sites*** | http://sites.google.com | • Integrated with other Google tools, such as Google Calendar*.<br>• Public or private pages.<br>• 100 MB maximum site size.<br>• Unlimited pages. | • Collaborators must have valid e-mail addresses.<br>• Not as easily collaborative or transparent as a true wiki. | ✓ | ✓ | | Of "legal age to form a binding contract." | |
| **PBworks***  Elementary | http://pbworks.com | • Classroom accounts allow student accounts without e-mail.<br>• Public or private.<br>• Create as many workspaces (wikis) as needed.<br>• 2 GB of free storage. | • Not available in languages other than English. | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Wikispaces***  Elementary | www.wikispaces.com/site/for/teachers | • Easily add student accounts that do not require e-mail addresses.<br>• Can create public or private wikis.<br>• No indication of age requirements.<br>• Discussion forums.<br>• Unlimited pages and discussions.<br>• 2 GB of free storage. | • A little cumbersome to use. | ✓ Ad-free when signing up for the free "K– 12 teacher" account. | ✓ | ✓ | ✓ | ✓ Send an Excel* or .csv file with user names and passwords. E-mail addresses are not required to create accounts. |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Zoho Wiki\*** | http://wiki.zoho. com | • Can have 2 free wikis with 50 MB each.<br>• Can create groups.<br>• Can set wiki or page level permissions. | • Collaborators must have valid e-mail addresses. | ✓ | ✓ | | Must be at least 13 years old. | |

Return to top

# Communication & Messaging Tools

## Instant Messaging (IM)

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Chatzy\***  Elementary | http://chatzy.com | • No registration steps—collaborators can join instantly.  • Does not require any installation on your computer.  • Works on all major browsers, with any language and through firewalls.  • Simple and easy to use.  • Room properties (access control) can be further tightened when | • Chat rooms are considered private and are not monitored. | ✓ | ✓ | | ✓ | ✓  Teacher can "invite" him- or herself and then provide the URL to the students; otherwise, e-mail is required. |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|------|-----|-----------|----------------------------|---------|---------------------------|---------------------------|------------------------|--------------------------------|
|  |  | a "virtual room" rather than an "instant chat" is created.<br>• A "Virtual Room" can be used as an active blog or message board. |  |  |  |  |  |  |
| **Google Talk\*** | www.google.com/talk | • If a user already has a Google account, no extra registration is necessary.<br>• Can send and receive files, as well as chat.<br>• Can chat directly from the Gmail interface.<br>• Can choose to save chat history, but not to continue the conversation. | • Requires download and installation of software.<br>• Text chat is only available on PC. | ✓ | ✓ |  | Of "legal age to form a binding contract." |  |
| **Skype Chat\*** | www.skype.com | • Provides simple chat capabilities.<br>• Applet available for some mobile | • Requires download and installation.<br>• Students must be told to not put personal | ✓ | ✓ |  | ✓ |  |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|------|-----|-----------|----------------------------|---------|----------------------------|----------------------------|------------------------|--------------------------------|
| | | phones. <br> • Can bookmark and save group chats (chats with more than 2 people in it). | information in public user profiles and to update settings so only identified contacts can contact them. | | | | | |
| **Yahoo! Messenger*** | http://messenger.yahoo.com | • Besides chat, can also provide video calling with full video and voice. <br> • Can be used through the Web, mobile phones, and iPhones. <br> • No downloaded software necessary when using it on the Web. <br> • Can IM in any language. | • Chat rooms are also available in Yahoo! Messenger, which may be distracting and/or dangerous for students. | | ✓ | | Of "legal age to form a binding contract"; under 13 allowed under a "family account." | Creates an e-mail account at time of Yahoo! registration. |

Return to top

# Microblogging

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|------|-----|-----------|---------------------------|---------|---------------------------|---------------------------|------------------------|-------------------------------|
| **Twiducate\*** Elementary | http://twiducate.com | • Designed for classrooms. <br>• Teacher is in control of a private network of invited participants. <br>• Separate teacher and student log ins. <br>• Can use mobile devices and computers. <br>• Can add dates and class bookmarks to discussion page. <br>• All conversations can be archived. | | ✓ | ✓ | ✓ <br><br>Designed for education. | ✓ | ✓ |
| **Twitter\*** | http://twitter.com | • Most used microblogging site. <br>• Useful for eye-witness "tweets" on breaking-news events. <br>• Useful for professional development and networking. <br>• Can "protect" messages so only accepted users receive them. | • Possible access to inappropriate content on "public" Twitter conversations. | ✓ <br><br>No ads currently, but terms of use state they could be used in the future. | ✓ <br><br>As long as the account is set up as "protected." | | ✓ | |

Return to top

## Video and Audio Conferencing

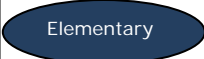| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Google Video*** (plug-in) | www.google.com /talk | • Video or voice chat in an existing Google application.<br>• Available for Mac or PC. | • Requires download and installation.<br>• Must have Gmail*, iGoogle*, or orkut*. | ✓ | ✓ | | Of "legal age to form a binding contract." | |
| **Skype***<br><br>Elementary | www.skype.com | • Free Skype-to-Skype video and voice calls, and easy, low-cost calls to landlines and cell phones around the world.<br>• Applet for some mobile phones.<br>• World's largest provider of long-distance communication (Beckert, 2010).<br>• Need a 3rd party solution to record/save calls. | • Requires download and installation.<br>• Students must be told to not put personal information in public user profiles and to update settings so only identified contacts can contact them. | ✓ | ✓ | | ✓ | |
| **Tokbox*** | http://education. tokbox.com | • Does not require download.<br>• Allows creator of a video chat to invite | • Does not offer a way to communicate via text in the event problems | ✓ | ✓ | ✓ | Must be at least 13 years old. | ✓ |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| | | unregistered users to the call via e-mail, IM, or URL.<br>• Free education version allows video chat with up to 20 people.<br>• Can also prerecord a video message and send by e-mail. | arise with the video or audio. | | | | | |
| **Yahoo! Messenger\*** | http://messenger.yahoo.com | • In addition to chat, offers video calling with full video and voice.<br>• Can be used through the Web, mobile phones, and iPhones.<br>• No download necessary when using it on the Web. | • Chat rooms are also available in Yahoo! Messenger, which may be distracting and/or dangerous to students.<br>• Yahoo makes it easy for people to pinpoint the location of someone if using Yahoo Messenger on their cell phone | | ✓ | | Of "legal age to form a binding contract"; under 13 allowed under a "family account." | Creates an e-mail account at time of Yahoo! registration. |

Return to top

# Visual Creation Tools

## Drawing

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **NGA Kids: BRUSHster\***  Elementary | www.nga.gov/kids/zone/brushster.htm | • Full drawing program.  • Offers over 40 brushes and customizable size, transparency, texture, and stroke options.  • Offers a rainbow palette and a toolbox of special effects that blur, ripple, smudge, blend, and fragment designs.  • No registration required. | • Can only save a drawing by creating a PDF or taking a screenshot. | ✓ | ✓ | ✓  Designed for education. | ✓ | ✓ |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **NGA Kids: Faces and Places*** | www.nga.gov/kids/zone/facesplaces.htm | • Provided by the National Gallery of Art.<br>• Can create portraits or landscapes featuring characters and elements from over 100 famous paintings.<br>• Also includes traditional folk music and surprising animations. | • No actual drawing—just selection of elements to place in a picture.<br>• Can only save a drawing by creating a PDF or taking a screenshot. | ✓ | ✓ | ✓<br><br>Designed for education. | ✓ | ✓ |
| **NGA Kids: Jungle*** | www.nga.gov/kids/zone/jungle.htm | • Can create an imaginary landscape with animals, flowers, trees, and plants—many of which can be significantly modified for creative use.<br>• Inspired by the paintings of French artist, Henri Rousseau.<br>• No registration required. | • Can only save a drawing by creating a PDF or taking a screenshot. | ✓ | ✓ | ✓<br><br>Designed for education. | ✓ | ✓ |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|------|-----|-----------|----------------------------|---------|----------------------------|----------------------------|------------------------|--------------------------------|
| **NGA Kids: SwatchBox\*** | www.nga.gov/kids/zone/swatchbox.htm | • Mix and draw with a full palette of millions of colors. | • Can only save a drawing by creating a PDF or taking a screenshot. | ✓ | ✓ | ✓<br><br>Designed for education. | ✓ | ✓ |

[Return to top](#)

## Graphics Creation

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Aviary\*** | http://aviary.com/tools | • A suite of powerful creative applications.<br>• Image editor offers layers, masks, and effects.<br>• Visual effects editor allows experimenting with pixel-based images.<br>• Vector editor allows creation of scalable vector art.<br>• Image markup can be used to capture, edit, and mark up images and screenshots.<br>• Color palette analyzer can be used to create and analyze colors.<br>• Audio editor can be used to create and edit remixes, sound effects, and other audio recordings. | • "Powerful" can also mean complicated.<br>• Full-featured tools, not for novices.<br>• Offers many tutorials. | ✓ | ✓<br><br>Can select how artwork will be shared. | | Must be at least 13 years old unless supervised by parents or guardian. If under 18, may only use the site with the consent of a guardian. | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **NGA Kids: 3-D Twirler\*** | www.nga.gov/kids/zone/3dtwirler.htm | • Can design a shape and then see how it looks in 3-D. | • Limited use, but interesting for spatial understanding.<br>• Can only save drawings by creating a PDF or taking a screenshot. | ✔ | ✔ | ✔<br><br>Designed for education. | ✔ | ✔ |
| **NGA Kids: Collage Machine and Collage Machine II\*** | www.nga.gov/kids/zone/collagemachine.htm<br><br>www.nga.gov/kids/zone/collagemachine2.htm | • Can create a collage of shapes, pictures, and objects. | • Can only save a drawing by creating a PDF or taking a screenshot. | ✔ | ✔ | ✔<br><br>Designed for education. | ✔ | ✔ |
| **NGA Kids: PaintBox and Wallovers\*** | www.nga.gov/kids/zone/paintbox.htm<br><br>www.nga.gov/kids/zone/wallovers.htm | • Can create designs with symmetrical patterns. | • Can only save a drawing by creating a PDF or taking a screenshot. | ✔ | ✔ | ✔<br><br>Designed for education. | ✔ | ✔ |
| **SumoPaint\*** | www.sumopaint.com/app | • Includes standard editing tools.<br>• Offers unique shape drawing tools, a large variety of brushes and brush styles, and interesting transformation tools for | • May be too difficult for novice users.<br>• Registered account holders can see other users' artwork and photos, some of which may not be appropriate for students. | ✔ | ✔ | | ✔ | ✔<br><br>Required for registration. |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
|  |  | scaling, moving, and rotating objects.<br>• Registration optional.<br>• Registered accounts include free, online image storage and allows image layers to be saved and edited.<br>• Available in 52 languages. |  |  |  |  |  |  |

[Return to top](#)

## Image Editing

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **FotoFlexer*** | http://fotoflexer.com | • Can "pull" photos from a variety of online photo storage sites or upload from computer.<br>• Offers a variety of special effects as well as basic editing tools.<br>• Available in 22 languages.<br>• Registration optional. | | ✓<br><br>No ads once in the editor. | ✓ | | Must be at least 13 years old. | ✓ |
| **Picnik*** | www.picnik.com<br><br>www.picnik.com/app#/home/welcome | • Easy to use and learn with embedded instructions.<br>• Can "pull" photos from a variety of online photo storage sites or upload from computer.<br>• Registration optional.<br>• Default editor for Flickr* and owned by Google*.<br>• Available in 15 languages. | • Premium (paid) features are shown in the editor but cannot be used in the free version, which can be frustrating. | | ✓ | | Must be of "legal age to form a binding contract." | ✓<br><br>Required for registration. |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Pixlr\*** | www.pixlr.com/app | • Offers advanced photo editing.<br>• Editing and saving is quick.<br>• Edits photos directly in a browser and does not require uploading (Flash\* 10 and above).<br>• Available in 23 languages.<br>• No registration required. | • Not appropriate for novice users. | ✓ | ✓ | | ✓ | ✓ |
| **Pixlr Express\*** | www.pixlr.com/express | • Intuitive and easy to use.<br>• Editing and saving is quick.<br>• Edits photos directly in a browser and does not require uploading (Flash 10 and above).<br>• No registration required. | • Must remember to click the Apply button after each editing change. | ✓ | ✓ | | ✓ | ✓ |
| **SumoPaint\*** | www.sumopaint.com/app | • Useful for creating graphics and illustrations as well as photo editing.<br>• Includes standard editing tools. | • May be too difficult for novice users.<br>• Registered account holders can see other users' artwork and photos, some of which | ✓ | ✓ | | ✓ | ✓<br>Required for registration. |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|------|-----|-----------|----------------------------|---------|----------------------------|----------------------------|------------------------|---------------------------------|
|  |  | • Offers unique shape drawing tools, a large variety of brushes and brush styles, and interesting transformation tools for scaling, moving, and rotating objects.<br>• Registration optional.<br>• Registered accounts include free, online image storage and allows image layers to be saved and edited.<br>• Available in 52 languages. | may not be appropriate for students. |  |  |  |  |  |

[Return to top](#)

## Mind Mapping/Graphic Organizers

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **bubbl.us*** | www.bubbl.us | • Brainstorming tool. <br>• Can create and share colorful mind maps, and embed them in blogs or Web sites. <br>• Can e-mail, print, or save a map as an image. <br>• Offers quick and "automatic" formatting and entering of points and subpoints around a core idea. <br>• Limited tools are easy to use with embedded instructions. <br>• Registration optional. | • Very basic brainstorming tool—no graphics or tools included to create other types of flow charts or graphic organizers. | ✓ | ✓ | | ✓ | ✓ <br><br>Required for registration. |
| **Cacoo*** | http://cacoo.com | • Concept map tool. <br>• Can create layouts, diagrams, and flowcharts. <br>• Offers many stencils and | • Tool can be used for many purposes—the amount of tool and formatting choices may be overwhelming for young students. | ✓ | ✓ | | ✓ | Can use account immediately without responding to an e-mail confirmation. |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| | | layouts.<br>• Can upload images up to 512 KB.<br>• Can "chat" with collaborators in the tool.<br>• Collaborators can edit maps concurrently.<br>• Available in English and Japanese. | | | | | | |
| **Exploratree*** | www.exploratre e.org.uk | • Concept map tool.<br>• Offers many preformatted concept maps ("thinking guides") based on the type of brainstorming or problem-solving desired.<br>• Offers a fair amount of shapes.<br>• Can create customized thinking guides and share with students.<br>• Can share maps with others.<br>• Can submit maps for comments. | • No concurrent editing.<br>• Text boxes are created with existing text and have to be deleted, which can be time consuming. | ✓ | ✓ | ✓<br><br>Designed for education. | ✓ | Must confirm e-mail before use. |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|------|-----|-----------|---------------------------|---------|---------------------------|---------------------------|----------------------|-------------------------------|
| **Mindmeister\*** | www.mindmeister.com | • Brainstorming tool.<br>• Automatically formats points and subpoints around a core idea.<br>• Provides mobile and offline use.<br>• Collaborators can edit maps concurrently.<br>• Can export maps as an image, PDF file, or RTF file, or publish to a Web site.<br>• Available in nine languages. | • Free version only allows three maps. | ✓ | ✓ | | ✓ | All collaborators must have e-mail addresses. |
| **Mindomo\*** | www.mindomo.com | • Brainstorming and causal map tool.<br>• Automatically formats points and subpoints around a core idea.<br>• Offers a variety of shapes, images, and formatting.<br>• Can attach comments and create notes using a separate panel. | • Free version limited to seven maps. | ✓ | ✓ | | ✓ | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| | | • Can embed video and audio files. <br> • Uncomplicated, and offers a full set of tools. | | | | | | |
| **Seeing Reason*** | http://educate.intel.com/en/thinkingtools/seeingreason | • Causal map tool. <br> • Provides a way to investigate a system or problem involving cause and effect. <br> • Designed to target higher-order thinking skills. <br> • Easy to use. | • Requires teachers to set up projects and create student accounts. | ✓ | ✓ | ✓ <br><br> Designed for education. | ✓ | ✓ |
| **Showing Evidence*** | http://educate.intel.com/en/ThinkingTools/ShowingEvidence | • Argumentation tool. <br> • Provides a way to present a claim or position, identify evidence, evaluate the quality of the evidence, evaluate how the evidence supports or weakens the claims, and reach conclusions. | • Requires teachers to set up projects and create student accounts. | ✓ | ✓ | ✓ <br><br> Designed for education. | ✓ | ✓ |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| | | • Includes a full-version tool and a simplified tool for younger students. | | | | | | |
| **Webspiration*** | www.mywebspiration.com | • Brainstorming and concept map.<br>• Can create outlines and diagrams.<br>• Can switch between outline and diagram views.<br>• Offers predesigned templates.<br>• Includes many graphics categorized by topics.<br>• Offers a variety of shapes, images, and formatting options.<br>• Allows users to collaborate concurrently.<br>• Allows an unlimited number of collaborators.<br>• Includes a chat feature in the map. | | ✓ | ✓ | ✓<br><br>Designed for education. | Must be at least 13 years old. | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|------|-----|-----------|---------------------------|---------|----------------------------|----------------------------|------------------------|-------------------------------|
| | | • Web-based version of Inspiration*.<br>• Can download as a Microsoft Word* document, Inspiration document, or transfer directly to Google Docs*. | | | | | | |

[Return to top](#)

## Vodcasting/Video Editing

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Flickr\*** | www.flickr.com<br><br>www.flickr.com/creativecommons | • Videos are limited to 90 seconds in length, and 150 MB in file size.<br>• Videos can be mapped to a location.<br>• Once uploaded, videos can easily be embedded in other Web pages or blogs. | • Members are limited to two video uploads per month.<br>• Any member can upload high definition video, but only members with paid accounts can view videos in high definition.<br>• Must have a Yahoo!\* account to get a Flickr account. | ✓ | ✓ | | Must be of "legal age to form a binding contract"; under 13 allowed under a "family account." | ✓<br><br>Creates an e-mail account at the time of Yahoo!\* registration. |
| **iTunes\*: Creating Video Podcasts** | http://www.apple.com/itunes/podcasts/specs.html<br><br>Windows: www.apple.com/quicktime/tutorials/videopodcasts_win.html<br><br>Mac: http://www.apple.com/quicktime/tutorials/videopodcasts.html | • Best known interface with which to subscribe to video and audio podcasts.<br>• Unlimited size and length of videos because iTunes copies the location of a video feed (URL) to subscribers' iTunes libraries instead of hosting files. | • Free software needs to be installed on a computer submitting a vodcast to the iTunes store and on subscribers' computers.<br>• All episodes in a video podcast must be available as .m4v, .mp4, or .mov video file formats.<br>• iTunes does not host video files. | ✓ | ✓ | | Must be at least 13 years old. | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Motionbox\*** | www.motionbox.com | • Upload videos up to 300 MB each, up to 750 MB total.<br>• Can control who can view, edit, and comment on videos.<br>• Can embed videos on blogs, Web sites, or profile pages.<br>• Offers easy-to-use editing tools to crop and combine video segments. | • Trimming beginning and end of video can be tricky. | ✓ | ✓ | | Must be at least 18 years of age; or must be at least 15 and an emancipated minor or possess legal parental or guardian consent. | |
| **One True Media\*** | www.onetruemedia.com | • Can upload 100 MB per month.<br>• Offers easy connections to Flickr\* and Photobucket\*.<br>• Can combine photos and video into montages.<br>• Includes transitions, free music backgrounds, and text.<br>• Allows frame-by-frame editing of a video. | • Logo appears in the bottom corner of videos or montages in the free version. | ✓ | ✓ | | Must be at least 13 years old. | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **School Tube\*** | www.schooltube.com | • Uploaded content is moderated.<br>• Can upload files up to 100 MB each.<br>• Only members can rate and leave select comments on videos.<br>• School name required during registration. | • Must wait for a moderator to approve a video before it is available on the site. | | ✔<br><br>Videos can be searched for by school name. | ✔<br><br>Designed for education. | Must be at least 13 years old. | |
| **Vodcast Directory: Software** | www.videopodcasts.tv | • List of links to software to assist with vodcasting. | • Most software links point to downloadable software that is not free. | | | | | |
| **Zamzar\*** | www.zamzar.com | • Quick conversion of video (and other) file formats. | • E-mail address required to receive a link to download a new file.<br>• Must download converted file within 24 hours—after which time the file is deleted from the server. | | ✔ | | ✔ | |

Return to top

# Audio Creation Tools

## Audio Creation and Editing

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Audacity\*** <br><br> Elementary | http://audacity.sourceforge.net | • Easy to record and edit files. <br> • Can cut, copy, splice, or mix sounds together. <br> • Can change recording speed and pitch. <br> • Can create multitrack recordings. <br> • Level meters can monitor volume levels. <br> • Provides noise-canceling and other effects. <br> • Free software developed by a group of volunteers and distributed under the GNU General Public License (GPL). <br> • Available in 26 languages. | • Must download software, but available for most platforms. <br> • Must install a special add-in to export MP3 files. | | ✓ | | ✓ <br><br> Must be installed by user with Admin. rights. | ✓ |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Aviary\*** | http://aviary.com/tools/audio-editor | • A suite of powerful creative applications for graphics, including an audio editor.<br>• Can remix multiple music tracks and audio clips, apply sound effects, and record and edit sound files. | • "Powerful" can also mean complicated and complex.<br>• Not for novice users. | ✓ | ✓<br><br>Can select how artwork will be shared. | | Must be at least 13 years old unless supervised by parents or guardian. Under 18 may only use the site with the consent of a guardian. | |
| **Kisstunes\***<br><br>Elementary | www.kisstunes.com | • Can create notes using a computer keyboard.<br>• Choose an electric piano, acoustic grand piano, steel guitar, Kalimba, or drums combo.<br>• Comments can be left by visitors.<br>• Can play and record without registration, but must register to save work. | • Tunes created can be accessed by anyone through the music library, or if saved for private use, through the tune's URL. | | ✓ | | ✓ | |
| **Vocaroo\***<br><br>Elementary | http://vocaroo.com | • Easy voice recording. Simply click *Record* and *Stop*, and then note where you want the audio | • Audio files/messages cannot be deleted except by contacting the company. | ✓ | ✓ | | ✓ | ✓<br><br>Only required if product is registered. |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| | | file to be sent—e-mail or posted to the Web.<br>• No limit on audio length.<br>• Can be saved as an audio file through a link in a sent message.<br>• No registration necessary, but is available to access past recordings. | | | | | | |
| **Zamzar\*** | www.zamzar.com | • Provides quick conversion of audio (and other) file formats. | • E-mail address needed to receive link to download the new file.<br>• Must download converted file within 24 hours—after which time it will be deleted from the server. | | ✓ | | ✓ | |

Return to top

## Podcasting

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|------|-----|-----------|----------------------------|---------|----------------------------|----------------------------|------------------------|--------------------------------|
| **iTunes*: Making a Podcast** | www.apple.com/itunes/podcasts/specs.html | • Best known interface with which to subscribe to video and audio podcasts.<br>• No limits to size or length of audio podcasts because iTunes simply copies the location of an audio feed (URL) to subscribers' iTunes libraries. | • Free software needs to be installed on the computer submitting a podcast to the iTunes store and on subscribers' computers.<br>• All episodes in a podcast must be available in .m4v, .mp4, or .mov video file formats.<br>• Does not host audio files.<br>• Only supports subscriptions to podcasts. | ✓ | ✓ | | Must be at least 13 years old. | |
| **Podomatic*** | www.podomatic.com/user/create | • Basic free account provides podcast publication tools.<br>• 500 MB of free storage.<br>• 15 GB of bandwidth per month.<br>• Ability to share podcasts. | | | | | Must be at least 13 years old. | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Skype\***<br><br>**CallGraph\***<br><br>**MP3 Skype Recorder\*** | www.skype.com<br><br>https://callgraph.biz<br><br>http://voipcallrecording.com | • Can be used to record conversations for podcasts with additional plug-ins. | • Requires download and installation of software.<br>• Students must be informed to not put personal information in their public user profile and to update settings so only their identified contacts can contact them. | ✓ | ✓ | | ✓ | |

Return to top

## Voiceovers

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **VoiceThread\*** | http://voicethread.com/#home | • Can participate in a conversation around a visual item by leaving comments using voice (with a microphone or telephone), text, audio file, or video (via a webcam).<br>• VoiceThreads can be embedded to show and receive comments on other Web sites and exported to MP3 players or DVDs to play as archival movies.<br>• Free version offers 250 MB storage and up to 50 VoiceThreads. | • Designed to talk about and view a specific piece of work (presentation, picture, doodle)—not a standalone conversation tool. | ✓ | ✓ | ✓<br><br>Designed for education. | Must be at least 13 years old. | No e-mails needed in paid version. |

Return to top

# Project Management Tools

## Calendars

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Famundo*** | www.famundo.com | • Depending on version, has calendar, blogs, lists, to-do lists.<br>• Provides multiple levels of access and ability to change content.<br>• Provides 250 MB of free file storage.<br>• Keeps information private. | • Free "families" version has more options but includes ads.<br>• Free "organization" version has less options (no photos, for example), but no ads. | ✓<br><br>For "org." version only | ✓ | | Must be at least 13 years old. | |
| **Google Calendar*** | http://calendar.google.com | • Can schedule one-time or recurrent events with reminders.<br>• Can create multiple calendars.<br>• Can add events, tasks, and appointments. | | ✓ | ✓ | | Must be of "legal age to form a binding contract." | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| | | • Can add file attachments.<br>• Can invite others to view or edit the calendar. | | | | | | |
| **HiTask\*** | http://hitask.com | • Free version provides only an individual calendar.<br>• Can assign tasks and receive notification when done. | • Premium and Business Services are offered at a cost and offer the most collaborative options. | ✓ | ✓ | | Must be at least 13 years old. | |
| **Yahoo! Calendar\*** | http://calendar.yahoo.com | • Offers an integrated calendar, notepad, e-mail, and contacts.<br>• Standard features include ability to have reminders sent to e-mail, Yahoo! Messenger, and mobile device. | • Cannot attach documents to calendar events. | | ✓ | | Must be of "legal age to form a binding contract"; under 13 allowed under a "family account." | Creates an e-mail account at the time of Yahoo! registration. |
| **Zoho Calendar\*** | http://calendar.zoho.com/mycalendar | • Can schedule one-time or recurrent events with reminders.<br>• Can create multiple calendars.<br>• Can add events, tasks, and appointments. | • Cannot attach documents to calendar events. | ✓ | ✓ | | Must be at least 13 years old. | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| | | • Can invite others to events.<br>• Can associate appointments with tasks. | | | | | | |

Return to top

## Task and Milestone Tracking

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Comindwork*** | www.comindwork.com | • Unlimited number of users.<br>• 20 MB of file storage.<br>• Includes to-do lists, milestones, discussions, time tracking, RSS, and reminders.<br>• Offers a wiki and blog, file storage, and tagging.<br>• Includes charts, reports, and video tools.<br>• Integrates with Project*, Basecamp*, Facebook*, Gmail*, Google Docs*, Yahoo!*, and Twitter*.<br>• Supports multiple time zones and 29 languages.<br>• Provides a custom project URL. | • Can only have one active project at a time on a free account.<br>• Designed for business, so some directions are business-focused. | ✓ | ✓ | | Must be at least 13 years old. | |
| **MyNoteit***<br>Elementary | www.mynoteit.com | • Provides an integrated task list and calendar.<br>• Can share notes and assignments, and use the message board. | • Limited or no tech support, but simple interface. | Minimal ads by Google. | Unclear; no privacy policy or terms of use. | ✓<br>Designed for education. | ✓ | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Teamwork Project Manager\*** | www.teamworkpm.net | • Maximum of two projects at one time.<br>• 5 MB of free storage.<br>• Includes task management, notebooks, messages, e-mail alerts, and time tracking.<br>• Unlimited number of users.<br>• Creates custom project URLs. | Designed for business, so some directions are business focused. | ✓ | ✓ | | ✓ | |
| **Zoho Planner\*** | http://planner.zoho.com | • Can add multiple to-do lists with dates.<br>• Can e-mail reminders about scheduled activities.<br>• Can upload files and images.<br>• Can add notes to keep track of daily activities. | | ✓ | ✓ | | Must be at least 13 years old. | |
| **Zoho Projects\*** | http://projects.zoho.com/home.na | • Can organize, manage, and assign tasks.<br>• Offers color codes to help prioritize tasks.<br>• Can set goals and milestones.<br>• Provides a way to | | ✓ | ✓ | | Must be at least 13 years old. | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
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|  |  | break down complex projects into many related or dependent tasks.<br>• Offers capability to create a project wiki.<br>• Can assign any number of members to a task and track progress.<br>• Can view the "Project Stream" to keep all team members instantly updated about project milestones, discussions, and completed tasks. |  |  |  |  |  |  |

Return to top

## To-Do Lists

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-free | Student Privacy Maintained | Educator Version Available | Available for all ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Famundo\*** | www.famundo.com | <ul><li>Depending on version, has calendar, blogs, lists, to-do lists.</li><li>Provides multiple levels of access and ability to change content.</li><li>Provides 250 MB of free file storage.</li><li>Keeps information private.</li></ul> | <ul><li>Free "families" version has more options but includes ads.</li><li>Free "organization" version has less options (no photos, for example), but no ads.</li></ul> | ✓ For "org." version only | ✓ | | Must be at least 13 years old. | |
| **MyNoteit\*** Elementary | www.mynoteit.com | <ul><li>Task list can have reminders and be tied to notes.</li></ul> | <ul><li>Limited or no tech support, but simple interface.</li></ul> | Minimal ads by Google. | Unclear; no privacy policy or terms of use. | ✓ Designed for education. | ✓ | |
| **Remember the Milk\*** | www.rememberthemilk.com | <ul><li>Can create and share tasks.</li><li>Tasks accessible from mobile phone devices.</li><li>Can manage tasks offline.</li><li>Can use with Google Calendar\* and add tasks from iGoogle\*.</li><li>Offers e-mail or IM reminders.</li><li>Can color-code</li></ul> | | ✓ | ✓ | | Must be at least 13 years old. | |

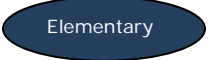| Name | URL | Strengths | Weaknesses/ Considerations | Ad-free | Student Privacy Maintained | Educator Version Available | Available for all ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| | | priorities and categorize tasks. | | | | | | |
| **Ta-Da List*** | http://tadalist.com | • Create checklists that can be published, shared, or kept private. | | ✓ | ✓ | | Must be at least 13 years old. | |

[Return to top](#)

## Data Collection Tools

**Forms, Polls, and Surveys**

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|------|-----|-----------|---------------------------|---------|---------------------------|---------------------------|------------------------|--------------------------------|
| **Google Forms\*** | www.google.com/google-d-s/forms | • Can choose from over 60 themes and 7 question types.<br>• Can see entries in spreadsheet form.<br>• Can add survey responses to a spreadsheet automatically.<br>• Can generate charts and graphs automatically. | • Must have a Google\* account. | ✓ | ✓ | | Must be of "legal age to form a binding contract." | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Polldaddy\*** | http://polldaddy.com | • Free version allows up to 100 survey responses per month.<br>• Polls can be placed on blogs, Web sites, or social networks.<br>• View results live as people respond.<br>• Allows multiple choice, free text, design/ color choice. | • Free version allows up to 10 questions.<br>• Poll contains a link to Polldaddy. | ✓ | ✓ | | Must be at least 13 years old. | |
| **Poll Everywhere\*** | www.polleverywhere.com | • Free version allows up to 30 responses.<br>• Can create multiple choice (voting) and free response (txt2screen) polls.<br>• Results and voting widgets can be placed on a Web site or PowerPoint\* slide that updates automatically.<br>• Full results can be downloaded in Microsoft Excel\*.<br>• Participants can use Twitter\*, text messaging, web- | • Cannot identify answers by participant in the free version.<br>• Poll is deleted after 30 days if it is not modified or does not receive any responses.<br>• Individual cell phone carriers may charge standard participants text message charges. | ✓ | ✓ | | Must be at least 13 years old. | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| | | enabled phones, or Web to respond.<br>• Works on Windows, Mac, and Linux.<br>• Supports multiple languages and worldwide regions. | | | | | | |
| **SurveyMonkey** *<br><br>Elementary | www.surveymonkey.com | • Easy online survey creation.<br>• Can export results in Microsoft Excel* and PDF formats.<br>• All languages are supported.<br>• Offers 15 types of questions.<br>• Offers 15 templates and visual themes.<br>• Can have both required and optional survey responses. | • Free version allows up to 10 questions. | ✓ | ✓ | | ✓ | |

Return to top

## Social Geographical Mapping

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Google Earth\*** | http://earth.google.com | <ul><li>Can view satellite imagery, maps, terrain, 3-D buildings, ocean floor and surface data, and historical imagery.</li><li>View from the perspective of galaxies in outer space to the canyons of the ocean.</li><li>Can save toured places, and share with others.</li><li>Can use simplified touring with audio and voice recording.</li></ul> | <ul><li>Must download and install free software.</li><li>Must have a Google\* account.</li></ul> | ✓ | ✓ | | Must be of "legal age to form a binding contract." | |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **OpenStreet Map: The Free Wiki World Map\*** | www.openstreetmap.org | • Editable map of the world that is "created" and edited by users.<br>• Allows users to view roads, paths, landmarks, locations from GPS surveys, satellite images, and old maps.<br>• Can drag and drop icons for points of interest.<br>• OpenStreetMap is open data, licensed under the Creative Commons Attribution-ShareAlike 2.0 license (CC-BY-SA). | • Can edit the map "live" and change the master map.<br>• Some edits take from a few hours to a week to show up on the map.<br>• Easy access to user "diaries" that give details to locations, which may or may not be appropriate for students.<br>• Cannot save "private" maps. | ✓ | ✓ | | ✓ | |

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|---|---|---|---|---|---|---|---|---|
| **UMapper\*** | www.umapper.com | • Can create an unlimited number of public or private maps.<br>• Can view map usage statistics.<br>• Can use maps from various sources. | • Free version is "branded" with UMapper name.<br>• In the free version, ads are embedded in the map. | | ✓ | | ✓<br><br>Must be at least 13 years old to register, but can create maps without registering. | |
| **ZeeMaps\***<br><br>Elementary | www.zeemaps.com | • Can create customized, interactive maps.<br>• Can publish a map on a blog or Web site.<br>• Can customize marker fields for geo search.<br>• Can add map legends.<br>• Can highlight regions, such as states or countries.<br>• Can create PDF files or JPEG images.<br>• Can create wiki-maps for group collaboration.<br>• Can make maps private. | • Can view all markers in a geographic location that have been created by all ZeeMap users. | | ✓ | | ✓ | |

Return to top

# Teacher Productivity Tools

## Assessment Resources

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Intel® Education** *Assessing Projects* | http://educate.intel.com/en/AssessingProjects | • Teachers create assessments that address 21st century skills and content knowledge.<br>• Database of rubrics, scoring guides, and checklists that can be modified for specific use. | • Cannot enter scores online.<br>• Not designed for assessing students in the *Assessing Projects* Web site. | ✓ | ✓<br><br>No student use or accounts. | ✓<br><br>Designed for education. | n/a | |
| **QuizStar\*** | http://quizstar.4teachers.org | • Can create quizzes that are scored online.<br>• Can manage multiple classes and quizzes.<br>• Can attach multimedia files to questions.<br>• Multiple languages. | | | ✓<br><br>Requests students under 13 to use first name and last initial in registration. | ✓<br><br>Designed for education. | ✓ | ✓ |

Return to top

## Calendar

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Google Calendar*** | http://calendar.google.com | • Schedule one-time or recurrent events with reminders.<br>• Can create multiple calendars.<br>• Add events, tasks, and appointments.<br>• Add file attachments.<br>• Can invite others to view or edit calendar.<br>• Can embed in Google Web sites. | | ✓ | ✓ | | Must be of "legal age to form a binding contract." | |
| **HiTask*** | http://hitask.com | • Free version provides only an individual calendar.<br>• Can assign tasks and receive notification when done. | • Premium and Business Services are offered at a cost and offer the most collaborative options. | ✓ | ✓ | | Must be at least 13 years old. | |
| **Yahoo! Calendar*** | http://calendar.yahoo.com | • Integrated calendar, notepad, e-mail, and contacts.<br>• Standard features include reminders sent to e-mail, Yahoo! Messenger, and mobile device. | • Cannot attach documents to calendar events. | | ✓ | | Must be of "legal age to form a binding contract"; under 13 allowed under a "family account." | Creates an e-mail account at time of Yahoo! registration. |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Zoho Calendar\*** | http://calendar.zoho.com/mycalendar | • Schedule one-time or recurrent events with reminders.<br>• Can create multiple calendars.<br>• Add events, tasks, and appointments.<br>• Can invite others to events.<br>• Can associate appointments with tasks. | • Cannot attach documents to calendar events. | ✓ | ✓ | | Must be at least 13 years old. | |

Return to top

## Lesson Plan Builders

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Apple Learning Exchange\*** | http://edcommunity.apple.com/ali | • Teacher-submitted lessons and ideas, with viewer feedback. <br> • Click *Collections by Topic* or *Collections by Technology* for lessons and work samples. <br> • Also available are podcasts and featured collections, such as Apple Distinguished Educators (ADE) Showcase with 1200 ADEs from 22 countries. | | ✓ | Unknown how student work is protected. | ✓ <br><br> Designed for education. | | |
| **Intel® Education Designing Effective Projects** | http://educate.intel.com/en/ProjectDesign/UnitPlanIndex/GradeIndex | • Gather lesson ideas and modifiable resources from a collection of exemplary unit plans. <br> • Learn strategies for project design and implementation. | | ✓ | ✓ | ✓ <br><br> Designed for education. | ✓ | ✓ |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|------|-----|-----------|---------------------------|---------|---------------------------|---------------------------|------------------------|--------------------------------|
| **Intel® Education Thinking Tools** | www.intel.com/education/tools | • Project plans and associated documents for thinking tools—*Visual Ranking*, *Seeing Reason*, and *Showing Evidence*. <br>• Project wizard allows teachers to duplicate a project from any existing project that uses one or more of the tools. <br>• Can copy and modify existing project settings for another project, and create student teams. | | ✓ | ✓ | ✓ <br><br> Designed for education. | ✓ | ✓ |

Return to top

## Notetaking/Assignments

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **MyNoteit\*** | www.mynoteit.com | • Notes can be downloaded, shared, or messaged to other users.<br>• Provides a task list and calendar feature that can be integrated and used together.<br>• Can create class groups to share notes and assignments, and use message board. | • Limited or no tech support, but simple interface. | Minimal ads by Google. | Unclear; no privacy policy or terms of use. | ✔<br><br>Designed for education. | ✔ | |
| **NoteStar\*** | http://notestar.4teachers.org | • Assist students in the preparation of research papers.<br>• Teachers and students can set up research projects with topics and subtopics, collect and organize notes, and prepare a bibliography.<br>• Teachers can:<br>o Create, assign, and manage projects<br>o Check sources' authenticity<br>o Track group progress<br>o Send messages to students<br>o Help students organize notes | • Assignments, groups, and classes must be generated by the teacher.<br>• Students cannot use the tool on their own; they can register, but assignments must be assigned by the teacher. | | ✔<br><br>Requests students under 13 to use first name and last initial in registration. | ✔<br><br>Designed for education. | ✔ | ✔<br><br>Even when students register themselves, no e-mail required. |

| Name | URL | Strengths | Weaknesses/ Considerations | Ad-Free | Student Privacy Maintained | Educator Version Available | Available for All Ages | Does Not Require Student E-mail |
|---|---|---|---|---|---|---|---|---|
| **Yahoo! Notepad*** | http://notepad.yahoo.com | • Integrated notepad, e-mail, calendar, and contacts.<br>• Very basic plain text notepad.<br>• Can file notes into subfolders. | | | ✓ | | Must be of "legal age to form a binding contract"; under 13 allowed under a "family account." | Creates an e-mail account at time of Yahoo! registration. |
| **Zoho Notebook*** | http://notebook.zoho.com | • Ability to create notebooks and not just single notes.<br>• Can integrate spreadsheet pages, Writer pages, and Web pages.<br>• Supports RSS and integration of images, audio, and video.<br>• Can sign in with Google or Yahoo!. | | ✓ | ✓ | | Must be at least 13 years old. | |

Return to top

## References

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Return to top