

MUSIC TECHNOLOGY LINKS

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WEB-BASED AND TRADITIONAL MUSIC CREATIVITY APPLICATIONS

The following are links to some of the **[best free web-based and traditional applications for creative musical activities](#)** available on the Internet. This listing will be updated from time to time. After using a Web 2.0 Application, [Click here if you'd be willing to submit a thoughtful review](#).

1. [Ableton Learn Music](#) - This website uses great graphics and sequential activities to introduce a DAW/Loop-Based approach to music creation (i.e. "making sick beats!").
2. [aQWERTYon](#) - This web app turns your QWERTY keyboard into an instrument...in fact, the aQWERTYon IS an instrument. Different instrument sounds and scales (i.e. minor pentatonic) can be loaded to use with or without accompanying YouTube video of a favorite song to jam out to!
3. [Audacity](#) - #1 freeware, open source, cross-platform audio editing software. Lots of potential for creative musical endeavors. Be sure to look around the site for extra plug-ins and the LAME encoder which allows files to be saved as MP3. [Audacity Online Manual](#).
4. [AudioMass](#) - A FREE and ONLINE app for audio recording and editing!
5. [Audio Sauna](#) - Very cool music production suite with MIDI, analog synth emulations, samplers, etc.
6. [Bandlab](#) - BandLab for Education is an online DAW (similar to Soundtrap). Well-implemented and worth checking out!
7. [BeastBox](#) - Beatboxing with animal sounds! The premise and graphics are great, but the musical possibilities are somewhat contrived and limited. Still, younger users may learn about creatures in the ecosystem while having fun with simple beats.
8. [Beat Blender](#) - a cool, narrow-focus Google Experiments beat app. Start with a preset (i.e. Rock, Pop Bossa, etc.) and Edit using a paddle (similar to GarageBand's Drummer "hockey puck"), or create a beat from scratch. Simple and fun.
9. [Beepbox](#) - Web app for sketching and sharing chiptune melodies
10. [Chrome Music Lab](#) - **Wonderfully simple "mini-apps" that either demonstrate musical concepts or allow for limited creative fun. Great (obviously) for Chromebooks. Here are [some uses for Chrome Music Lab posted on Twitter](#) that might inspire you :)**
 - a. [SongMaker](#) - Simple, attractive, well-implemented Web 2.0 sequencer appropriate for elementary grades and older.
 - b. [Rhythm](#) - Another simple sequencer with only percussive sounds, played by animated characters. Demonstrates (and allows users to work in) $\frac{3}{4}$, $\frac{4}{4}$, $\frac{5}{4}$, $\frac{6}{4}$ - might be good for explaining time signatures?

- c. [Kandinsky](#) - Combines visual art and musical sound to PLAY what you DRAW! [CLICK HERE for some lessons using Kandinsky](#). In the end, hitting PLAY makes musical sense of even random drawings since “repetition lends intelligibility to music.”
 - d. [Arpeggios](#) - Various arpeggio patterns (chosen by the user) are played by a choice of harp or piano with chords (major or minor) the user selects in real time. Kind of a 21st-century autoharp :).
 - e. [Piano Roll](#) - Plays familiar classics (Beethoven’s 5th, Minuet in G, Gymnopedie, etc.) with colorful, sequencer-style piano roll blocks - good for visualizing texture in music. A cool feature, however, is the microphone which allows you to record a tone and then have the sequencer perform with that (pitch-shifted) tone!
 - f. [Shared Piano](#) - Multiple players in “rooms” (using a generated link) can collaborate playing together!
11. [ChordChord](#) - Creates chord progressions (4 chords) automatically and allows for playback with rhythm instruments - fun! Chord parameters are somewhat limited but still allows for creativity.
 12. [Clyp It](#) - Browser-based app for creating quick, short recordings to share. Would be good for performance tests or recording sound effects.
 13. [Counting Music](#) - This is really more of a tutorial on counting music, but the site allows students to play back rhythms they've entered, basically "performing" their rhythms. So....students can "compose" short rhythmic gestures and get feedback on what they sound like. Might be useful alone or as part of a larger composing activity.
 14. [Creatability \(Google AI Experiment\)](#) - A suite of creative, accessible music tools for exceptional learners. These tools show promise but aren't “ready for prime time” yet. Still, worth looking at the direction of free, online apps to help all learners create music.
 15. [Dr. Musik](#) - A suite of focused creativity and music-learning games and tools. Play, compose, learn...similar to (but more “8-bit looking” than) Chrome Music Lab. Includes the following (links on Dr. Musik’s HOME Page):
 - a. Virtual Xylophone, Virtual Ukulele & Guitar, Virtual Recorder, and Virtual Percussion
 - b. BeatBots, Staff Dungeon, Rhythm Decryptor, Sea of Rhythms, Rhythm Writer, and Rhythm Galaxy
 - c. BOOM! Writer, Aquarium, and Sketchbook
 - d. Robot Sequencer, and Robot Composer
 - e. Forest of Instruments, *and MORE...check them out!*
 16. [Drumbit App](#) - Great web-based drum machine emulation.
 17. [Finale NotePad](#) - Free, light version of the world's most-used computer music notation program. This is freeware, not a Web 2.0 app, but it still delivers incredible functionality for FREE!
 18. [Flat](#) - Web-based, free music notation app from the folks at Google. Integrates well. BTW, [this 3rd party web app converts Groove Pizza beats \(see below\) to Flat.io scores](#).

19. [GalacticMilk](#) - Colorful online MIDI file player. Drag-drop MIDI file into browser then hit play button for a colorful piano/scroll playback.
20. [Google Doodles](#) - Little apps created by Google folks during their “genius hours” to celebrate various things. Search for music Doodles using the [search field](#). Here are my favs:
 - a. [Bach Google Doodle](#) - Have this AI app, created to honor the 300th birthday of J.S. Bach, harmonize in the style of the Baroque master a melody you provide.
 - b. [Beethoven’s at 245!](#) - On the 245th anniversary of the composer’s baptism, help Ludwig reassemble some of his most iconic compositions.
 - c. [Celebrate Mbira](#) - Learn the history and music of Zimbabwe’s national instrument, the mbira through this interactive Google Doodle.
 - d. [Swing Dancing at the Savoy Google Doodle](#) - Test your rhythm skills pressing QWERTY keys in time to Louis Armstrong, Ella Fitzgerald, and other luminaries of the swing era. Compete individually or against another. Much fun!
21. [Groovelab](#) - An older, somewhat dated pattern sequencer for creating loops that you can export as audio files.
22. [Groove Pizza](#) - Web-based circular pattern drum sequencer developed by NYU Music Experience Design Lab. What’s more, [use THIS 3rd PARTY APP to convert Groove Pizza beats to Flat.io notation scores!](#)
23. [Hooktheory](#) - This site is (at least) two things: 1) chord analyses for 1300 Billboard Top 100 pop tunes using a cool juxtaposition of music video playback with an attractive, accessible scrolling of the harmonies in real time, and 2) interactive music editor for composing/arranging pop songs using the same chord playback interface. Whether you want students to study/analyze pop songs or create their own, this site looks promising.
24. [Hyperscore](#) - From the folks at MIT, a new and welcome twist on graphic sequencing. Unfortunately, even the FREE version requires the user to register and go through a sign-on process. So this is NOT the kind of app you can take a classroom full of students to and start using without hassle.
25. [HTML Drum Machine](#) - A beautifully simple, but cool and fairly functional browser-based drum module.
26. **[Incredibox](#)** – **There are now several versions of this cool, fun graphic character, loop-based remix tool - try 'em all! Download my [Incredibox 4 Planner](#) to map out character entrances.**
 - a. There’s also this [M&M’s Candy version of Incredibox!](#)
27. [Impro-Visor](#) - Freeware software (conventional, not Web 2.0) that works something like Band-in-a-Box, providing intelligent accompaniments to your lead sheet input. You can import MIDI files, and export as XML for use in a notation program.
28. [10-808 \(Rhythm Composer\)](#) - Online drum machine.

29. [Isle of Tune](#) - Available for web browser and iOS. Build a town that plays music (think Sim City for loop based sequencer). Actually, the premise is very similar to Groovy Music series of apps.
30. [Kizoa](#) - Sync still images or video with music!
31. [Launchpad \(Virtual\)](#) - A virtual emulation of the Launchpad MIDI/Sample Controller. Hundreds of combinations of Drums, Beats, Pads, Melody, Vocals, etc. to explore!!
32. [Mario Paint Music Composer](#) - Child-friendly and simple, this graphics-based sequencer allows for 20+ fun timbre icons to be placed anywhere on a grand staff as quarter, 8th and 16th notes. Other parameters: meter, tempo, repeats, and more. Can save, load files, assign URL ([such as this](#)), export as audio, and more.
33. [Mario Sequencer](#) - Very simple, 8-bit-looking graphic melodic sequencer. Like a video game!
34. [MuseScore](#) – Free, downloadable, cross-platform music notation software.
35. <https://muted.io> - Collection of music theory related mini apps. There's so much here...you just need to check it out!
36. [Noteflight](#) – Music notation meets Web 2.0. Very well thought-out web app for typesetting music. Imports/exports XML, making it a great partner app with Finale.
37. [OneMotion](#) - Suite of free online web apps (music and other) by developer, Tomas Eriksson. Includes: Chord Player and Drum Machine.
38. [Online Drum Machine](#) (by One Motion) - Like a pattern sequencer, choose hits for kick drum, snare drum, cymbals, hi-hats, etc.
39. [Online Guitar \(Recursive Arts\)](#) - Learn chords, craft progressions, and more....from Recursive Arts suite of online music creativity apps.
40. [Online Sequencer](#) - Looks like the edit window of most MIDI sequencers. You draw in the notes on a grid. Different colors = different instrument sounds. Also allows for MIDI file import. Pretty cool!
41. [OtsTurntables](#) - This is software, not a web app, and Windows, not Mac OSX, but still cool for DJ-type music making :)
42. [Paint With Music \(Google Arts & Culture\)](#) - Just what it says: use a tone brush on various "canvases" (sky, water, street, paper) to compose ambient soundscapes.
43. [Patatap](#) - QWERTY keys trigger sound samples, accompanied by on-screen visuals. The space bar changes the sound set. Pretty cool; you can get lost (in a good way) exploring sounds, trying to memorize which keys trigger which sounds.
44. [PatternSketch](#) - Simple online drum machine; allows user to save beats as .WAV to download/use in DAW apps.
45. [Plink](#) - Real time multiplayer online jamming by Dinahmoe Labs. You pick color (synth sound), then move/click mouse to play rhythmically and melodically. Fun!

46. [PlayXylo](#) - Just a simple little on-screen xylo emulation, geared towards the elementary-general music crowd. Play using QWERTY keys (or clicking on). Besides clicking xylo keys with a mouse/mousepad, keys may be triggered with QWERTY keys (A through K).
47. [Riffusion](#) - A free AI music creation tool. Lots of cool features include: create a song from a text prompt, download stems of your song, edit song/lyrics and regenerate, create a cover of your song, vary randomness of song generation (via "seed" feature).
48. [SlapTrack](#) - Graphic sequencer meets body percussion! This app leads users in stomping, clapping, patting, etc. to the beat in various meters and tempi.
49. [Sodaphonic](#) - Online collection of apps for recording, editing, and sharing audio. Aside from the obvious, I like that this is a quick/easy way to convert between audio file formats (i.e. .WAV → .MP3).
50. [Songcruncher](#) - From the folks at UJAM, an online studio environment for remixing "stems."
51. [Soundation](#) - Online DAW with audio and MIDI tracks, loops, effects and more. To mixdown audio tracks, you must be logged in.
52. [SoundCloud](#) - **Record and upload sound to the cloud/web that can be linked in wikis, Twitter, etc. [CLICK HERE](#) for SoundCloud sample.**
53. [Soundtrap](#) - **Simple, clean online DAW - very well done! [Watch this video](#) to see how it works.**
54. [Suno AI](#) - Generative artificial intelligence comes to music-making. This is one of the best music creation AI sites I've seen thus far. Try also: [Udio.com](#).
55. [Taiko Drum Master](#) - Learn/rehearse rhythmic timing with a fun, eclectic collection of music in various styles. Patterned after the Taiko Drum Mastrer game.
56. [Tone Matrix Redux](#) - Simple pattern matrix sequencer (used to be iNudge.net, then ToneMatrix part of Audiotool, then redone w/o Flash)
57. [Typatone](#) - Various synthy sounds are assigned to each (QWERTY) key; you type and sounds are made. The cool feature of this app is that a "transcript" is kept of what you type, which can be played back.
58. [Udio.com](#) - Another strong player in the generative Artificial Intelligence music creation game. Try also: [Suno AI](#).
59. [Voicepods](#) - Technically a web-based text-to-speech app, not a music app, but nonetheless with several creative music project implications! For instance, use this app to generate narration for a podcast, or to generate audio file to edit for "beats"!
60. [Vocaroo](#) - Quick and easy web-based recording site.
61. [WD-1 DJ Trainer](#) - Really cool emulation of a small sample playback keyboard like those used by DJs - fun!
62. [WebSID](#) - Simple web emulation of old-school analog synth; could help explain basic synth features.

63. [WebSynths Grooves](#) - Very full-featured, expressive online drum machine with virtual samples. If you'll do anything more than fiddle with this one, you'll want to watch the [5-minute quickstart video](#).
64. [WolframTones](#) - Artificial Intelligence meets music composition! Based on choices made for style, rhythm, etc. and using algorithms/programming by Stephen Wolfram.

Digital Audio Workstations (DAWs) & Related Tools

1. [GarageBand](#) - Apple's industry-changing entry-level DAW that has brought multi-track MIDI/audio music-making to the masses in a way that no other entry-level DAW has been able to.
2. [Logic](#) - Apple's (formerly Emagic's) popular, but MacOS-only, DAW. Great if you are "moving up" from GarageBand.
3. [LIVE](#) - Ableton's popular app takes a slightly different approach than most other big-name DAWs (i.e. ProTools, Logic, etc.). Especially well-suited for live performance with tracks (i.e. multi-tracks) and loop-based grooves. Their site offers great video tutorials, BTW.
4. [LUNA](#) - Promising, more recent entry in the DAW category from Universal Audio.
5. [Studio One](#) - PreSonus offers several versions of its popular, cross-platform DAW.
6. [Neural Mix Pro](#) - "AI-powered music player & editor for producers, DJs, and musicians. You can create beat-precise loops, change tempo, and transpose the key of a song, all while removing vocals, percussive, or harmonic parts in real-time."
7. [Stem Splitter \(from LALAL.AI\)](#) - "High-quality stem splitting based on the world's #1 AI-powered technology." Lalal.ai apps (also Voice Cleaner) are available on a number of computer and mobile platforms.

iPad/iPod Creativity Apps

1. [Beatwave](#) - "Create amazing beats and tunes without any musical ability using Beatwave for iPhone, iPod Touch and iPad."
2. [Bebot](#) - **Fun/accessible, yet powerful, synth. Uses robot character (who dances when played) and simple settings that allow even the most musically uninitiated to make some cool music.**
3. [Blob Opera](#) - Another fun and promising Google experiment that allows the user to play with opera-singing blob characters. You drag the blobs up and down to make the notes they sing higher and lower. After dragging one blob, another blob appears to join in the harmony!
4. [Blocs Wave](#) - Make and record music with loops.
5. [Bloom](#) - Created by Brian Eno, a graphic, touch-based looping synthesis app. Cool for exceptional learners.
6. [Crazy Piano](#) - Game for young children, involves colorful characters - Gugi and friends - in bands. Highlight: "catch the stars" game.

7. [Drum Kit](#) - A Virtual drum set initiated by finger taps. Could be your drummer if connected to sound system.
8. [Everyday Looper](#) - Looping, recording app for iPhone/iPad.
9. [Etude](#) - As keyboard music plays on screen, music scrolls, with right/left hand of measure playing (or notes playing if you choose) highlighted in colors, and with a keyboard graphic showing the keys pressed in same colors. If you prefer, there is also a graphic view rather than traditional music notation. Best of all, you can slow down the playback speed for use in piano practicing! Much repertoire can be downloaded and added to your library for free.
10. [GarageBand](#) - **The ground-breaking entry-level DAW for iPod Touch, iPhone, and iPad!**
11. [iMini \(by Arturia\)](#) - Classic analog synth sounds from an iPad software instrument. Allows for external MIDI connection.
12. [iReal Pro](#) - Imagine the iconic "Real Book" series in a tablet/phone app, but that also plays back the changes (and allows for setting other configurations such as tempo, key, style, etc.). Especially if you own an iPad and play jazz gigs (or practice jazz charts), this is for you.
13. [Isle of Tune](#) - Cars, streets, music!
14. [JoyTunes Music Games](#) - Use your own piano or a 3D virtual one on screen to play your favorite songs.
15. [JoyTunes Recorder Master](#) - Learn and drill recorder technique in a fun, animated early-childhood gaming environment. Recorder not included :)
16. [Keezy](#) - Record sounds into 8 colorful squares on a trigger pad.
17. [LaDiDa](#) - "Reverse karaoke"....it matches key and transposes chords to follow the singer.
18. [Loopseque Kids](#) - A kid-friendly version of the standard Loopseque; as the title suggests, kids play/work with loops.
19. [Madpad](#) - Record events (piano chord, drum hit, everyday sounds, etc.) to trigger them or loop them in performance...many possibilities!
20. [Magic Piano](#) - Kind of a "Guitar Hero" for piano. Play piano music by tapping bright, colored dots in time as they stream down the screen. Doesn't involve reading notation, but does require perception of rhythm/timing.
21. [Moozart](#) - Farmyard critters are placed on a scrolling staff to play familiar kid's tunes, or kids' own compositions, using pitched animal sounds. Simply, fun way to convey high/low pitch and melodic contour.
22. [Morton Subotnik's Pitch Painter](#) - Composing by finger painting...in some ways similar to Singing Fingers (see below), but on a more traditional grid.
23. [Noteworks](#) - A fun, note reading app geared at school-aged kids.
24. [Piano Dust Buster](#) - Use a real piano or the virtual one on the screen to review piano reading/playing skills in a fun environment.

25. [Take](#) - This nifty 3-part on-the-go recorder for iPhone comes from Propellerhead (makers of Reason). Good sketch pad or multi-track for modest projects.
26. [Talkapella](#) - Turns spoken words into "rockin' harmonized accapella."
27. [Thicket](#) - Crazy 3-D line drawings respond to your tapping swiping, dragging, etc. on the screen, changing the music. Cool for exceptional learners.
28. [ThumbJam](#) - Allows musical novices to improvise (jam) using a variety of cool electronic instruments and scales. You almost can't miss! This is one of my favorite iPad instruments.
29. [Singing Fingers](#) - "Singing Fingers lets you fingerpaint with sound. Just touch the screen while you make a sound, and colorful paint appears. Touch the paint to play back the sound again!"
30. [Songify](#) - Turn speech into song!
31. [Spire](#) - iOS multitrack recording app from iZotope. Great for capturing a quick riff, melody, or lyric on the go.
32. [SynScore](#) - Plays back piano repertoire as score scrolls by on screen. Good for analytical listening and score study.
33. [Virtuoso](#) - Basically a piano emulation, but I really like the "Duette" mode with two keyboards facing each other :)

ALSO OF INTEREST

1. [AudioTrimmer.com](#) - Web 2.0 utility for creating sound clips, changing playback speed, converting AIFF or WAV to MP3.
2. [Bandle](#) - Guess the song played in 6 guesses! For each successive guess, you are given one more "layer" of the tune: first drums, then bass, then guitar, then keyboard/synth, etc. Fun! Based on the popular online word/spelling game, Wordle.
3. [Bandmate Chromatic Tuner \(web version\)](#) - Billed as "The only tuner that shows your notes on a staff. For band, orchestra, guitar, and voice."
4. [Bingo Baker](#) - Whip up your own, customized BINGO CARDS! Create conventional 5x5 bingo cards with all sorts of [Music Themes](#) by typing your text and your importing images. All FREE.
5. [Block Posters](#) - Upload a graphic and this online app creates a large poster of 8.5x11" pieces you print, then assemble on poster board.
6. [BBC Sound Effects](#) - SFX and more (including a web soundscape creation tool) from the BBC!
7. [Canva.com](#) - Even the FREE version of the amazing royalty-free content creation suite can be a huge value to users for creating attractive graphics (logos, YouTube thumbnails, signs/flyers, etc.), removing backgrounds, locating motion backgrounds, and much more! *PLUS, K-12 educators can get a premium account FREE!*

8. [ChatGPT](#) - The granddaddy of all the generative AI apps, from Open AI. According to ChatGPT itself, “K-12 teachers are utilizing ChatGPT to create interactive lesson plans, generate engaging classroom activities, and provide personalized feedback to students, enhancing learning experiences across various subjects.”
9. [ChordFind.com](#) - Input the guitar chord you'd like to play, and this baby shows you what strings to press.
10. [Cleanup.pictures](#) - Ever wanted to take some object, person, or other element out of a picture? Well, now you can - and easily! Just upload your pic and use this online app's brush to paint over what you want to remove, and...voila!
11. [Composer or Pasta?](#) - Online game that will stump even the most erudite musicians!
12. [Crossword Labs \(Puzzle Generator\)](#) - Create your own (music themed?) crossword puzzle on any topic. You choose the words to include AND write the “clues” for the puzzle.
13. [Dango Brothers](#) - Compare two pitches, adjusting the 2nd one sounded to match the tuning of the 1st. This is part of a suite of about 50 concise music drill/practice apps at [Theta Music Trainer](#) (check them all out!).
14. [EarSketch](#) - Combines coding and beat-making...a truly STEAM experience, but takes time to learn to use code (i.e. JavaScript or Python).
15. [Educreations](#) - PC or iPad whiteboard app - allows you to draw, record spoken audio, import images, etc. Great for blended learning!
16. [Evernote](#) - Cloud based note and document sharing.
17. [Fingering Diagram Builder](#) - Generate quality graphic images of woodwind fingering charts. Download to use in docs, posters, webpages, etc.
18. [FigJam](#) - A digital collaborative workspace where teams plan/design things. Very much like Google Jamboard (if you've used that before).
19. [Flipsnack.com](#) - Convert a PDF doc to a virtual book widget with pages that turn, etc.
20. [Gimkit](#) - Free Web 2.0 formative assessment in the form of game show quiz.
21. [Glissando](#) - FREE web tool for creating attractive, customized, downloadable ensemble seating charts!
22. [Glogster](#) - Posters to present topics: authentic assessment, tech literacy, etc., etc.!
23. **Google Add-ons:** These are utilities that work with Google apps, such as...
 - a. [Flat for Docs](#) - Use to insert notation into a Google Doc
 - b. [Autocrat](#) - Use to merge Google Sheets data into a Google Doc or PDF
 - c. [Mote](#) - A Chrome Extension that allows you to [leave voice memos in a Google Doc!](#)
 - d. [Slides Timer](#) - A Chrome Extension that allows you to insert a timer into a Google Slide.
 - e. [Here's a blog article](#) that lists even more great Google Add-ons
24. [Google Translate](#) - Translates written words from one language to another (i.e. English-to-Spanish); MANY uses in education! Includes link to [Google website translator!](#)

25. [Jeopardy Labs](#) - Create your own categories, questions, and answers for a Jeopardy-style game.
26. [Jing](#) - Screen capture movies for free!
27. [Jeopardy Rocks](#) - Newer, cooler looking than Jeopardylabs, but doesn't allow for linked audio/images.
28. [Kahoot](#) - A wonderful game show quiz Web 2.0 app for teachers!
29. [Magic School.ai](#) - A powerful suite of AI tools for educators, with MANY applications for music education.
30. [Media.io](#) - convert audio file formats online! Great utility to have available.
31. [MixKit](#) - Free stock video clips, music, and sound effects to add to your video projects!
32. [Music Notation Image Library \(Big\)](#) - FREE! Huge music notation image collection (for docs, powerpoint, IWB, etc.) by Midnight Music's Katie Wardrobe...thanks for another great resource Katie!
33. [Music Tech Teacher](#) – This site of Alabama music teacher, Karen Garrett, is rich with games, worksheets, quizzes, lessons, and other resources.
34. [My Rap Name](#) - This fun site suggests a rapper “handle” for your students (or you!).
35. [Metronome Online](#) - Handy and simple, whether used by composers/arrangers looking to audition tempi, or instrumentalists/singers practicing.
36. [MusicRacer.com](#) - Review instrument fingerings with this straightforward drill/practice game.
37. [Musictheory.net](#) – The most well thought-out online music theory lesson/practice site I’ve seen.
38. [Notesack](#) - Using your device’s microphone, this drill/practice app checks to see if you are correctly performing notes, chords, intervals and scales on your (concert pitch) instrument.
39. [QR Code Generator](#) - Although this may have only niche usefulness in K-12 education, it's still cool! (BTW, [Chrome users can get QR codes as an extension by clicking the share arrow in the URL field of the browser!](#))
40. [Removebg](#) - Quick/easy web utility for removing the background of an image.
41. [\(The\) Rhythm Randomizer](#) - Spews forth seemingly unlimited rhythms (each 2 measures in 4/4) for students to use or clap, etc. Be sure to use the Settings (gear icon) to turn on the count-off and metronome during playback features! [CLICK HERE for some fun games you can play using Rhythm Randomizer](#) :)
42. [Rhythm Trainer](#) - Simple but solid...quizzes on various rhythms in 4/4.
43. [Rubistar](#) – Create rubrics for your project-based learning activities.
44. [Rubric Maker](#) - Easy to use online rubric maker. Fill out fields, choose items from drop down menus and voila!
45. [Picture Stencil Maker](#) - Upload a photo and this handy online app creates a coloring book style black line version of the pic. Great for last-minute seat activities for primary grade students.

46. [Peardeck \(for Google Slides\)](#) - Add education-related modules (assessment, feedback, audio, etc.) to turn your Slides into interactive lessons for students.
47. [Pixabay](#) - Royalty free images and video.
48. [Plickers](#) - A simple tool that allows teachers to collect real-time formative assessment data without the need for student devices. Students hold response cards and the teacher takes a pic - a mobile app processes.
49. [Prezi](#) - Really cool Web 2.0 presentation application - very expressive.
50. [Podomatic](#) - My new podcast host...FREE!
51. [Quaver's Marvelous World of Music](#) - An online multimedia music curriculum, but with a fun "playhouse" atmosphere. You'll need to register and login to use the online activities. Many are free, but some require "quaver notes" (the site's currency) for higher functionality. Check out the "Quaver Blog" for more help on using the site:
quavermusicblog.com
52. [Quick Certificate Printer](#) - Basic, but easy-to-use Web 2.0 award certificate creator. Change/upload graphic, border, text, save as JPG.
53. [Recite This](#) - Custom made quote and inspirational posters.
54. [Seating Chart Generator](#) - Enter number of ensemble seats per row and this app creates a semi-circular **seating chart for band/orchestra!**
55. [Sight-Reading Factory](#) - Really well-implemented Web 2.0 sight-reading app for instrumentalists.
56. Other Sight-Reading Helps: Check out these various websites aimed at helping students learn to read/solfege music. [Practice Sight-Reading](#); [TMEA Region/State Chorus audition solfege practice](#); [Parkland AP Theory Dictation exercises](#).
57. [Slide Carnival](#) - Free Google Slides and PowerPoint templates to use!
58. smartboardmusic.org - Music games for interactive whiteboard (or computer)....many free, with tutorial videos, etc.
59. [Sweetwater Audio Glossary](#) - Definitions of hundreds of commonly used terms.
60. [Teoria.com](#) - Another great music theory drill/practice site.
61. [ToneSavvy.com](#) - Free and pay music theory drills.
62. [Transpose \(Chrome Extension\)](#) - "Pitch shifter, speed changer and looper for online videos like YouTube. Musician's toolbox for practicing and rehearsing."
63. [The Podcast Host](#) - Free podcast hosting!
64. [Voicepods](#) - A free, web-based text-to-speech app.
65. [VocalRemover](#) - Removes vocals, leaving you with a "karaoke" track...and does it really well for a web app! Site also includes other useful features (change key, etc.). However, only very limited free use unless you donate via Patreon :(
66. [Vocaroo](#) - Quick and easy online recording.
67. [Weebly](#) - Create your own webpage easily and for free!
68. [WeVideo](#) - Free, Web 2.0 video recording that uses your computer's built-in mic and video camera.

69. [Wheel of Names](#) - Based on the game show, Wheel of Fortune, this wheel can be programmed with student names, then spin the wheel to select them at random. Great for in-class games, etc.
70. [Word Search Labs](#) - Create a word search game sheet for class: you enter the words to be included and this app does the rest!

FREE MIDI FILES AND OTHER DIGITAL CONTENT

1. [Choral WIKI](#) - A collection of mostly standard choral repertoire MIDI files!
2. [Internet Archive](#) – Free movies, music, books, and more.
3. [J.S. Bach Home Page](#) – Links to websites with Bach MIDI files.
4. [Kunstderfuge](#) – Another source with hundreds of MIDI files to download, although this site has a limit of 5 downloads-per-day.
5. [Mr. Maestro.Tripod.Com](#) - A limited, but easy-to-use, classical MIDI file collection.
6. [Mutopia](#) – Between one and two thousand PDF and MIDI files of public domain, classical music submitted by volunteers.
7. [Petrucci Music Library](#) - Loads of public domain scores! Great for source material for arrangements, or scores for study/analysis.
8. [SoundBible](#) - Hundreds of free sound effects to download for creative projects!
9. [Freesounds.org](#) - An even more extensive repository of free sound effects to download for creative projects! You do have to be a member (free, just need an email address).

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