



Technology Tools: Using Transpose with YouTube

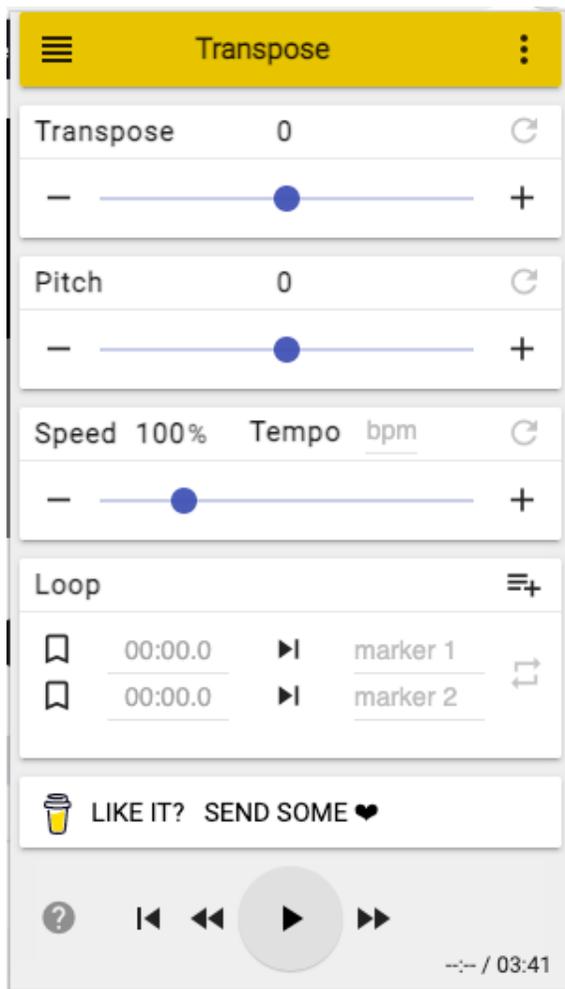


Objective

Transpose the key of a song and the tempo within the YouTube browser

Procedures

1. In a Google Chrome browser, search for the "Transpose Chrome Extension" or go directly to [this link](#)
2. Go to the YouTube page of the song you wish to adjust.
3. Click the Transpose icon in your browser extensions. This will be just right of the URL bar. 
4. Note, you may have to hit the puzzle piece icon to view all your extensions in order to find Transpose 
5. To change the key of a song, click the Transpose minus and plus to raise the pitch 1/2 step at a time.
6. Use Pitch to raise or lower the pitch in smaller than 1/2 step increments (this is useful for songs performed in non-standard temperments).
7. Use the Speed dial to slow or speed up the song
8. Set the loop start and end times to loop a section of the song. This can be done either manually or by clicking the flag at that moment in the song.





Technology Tools: Using Transpose with Spotify

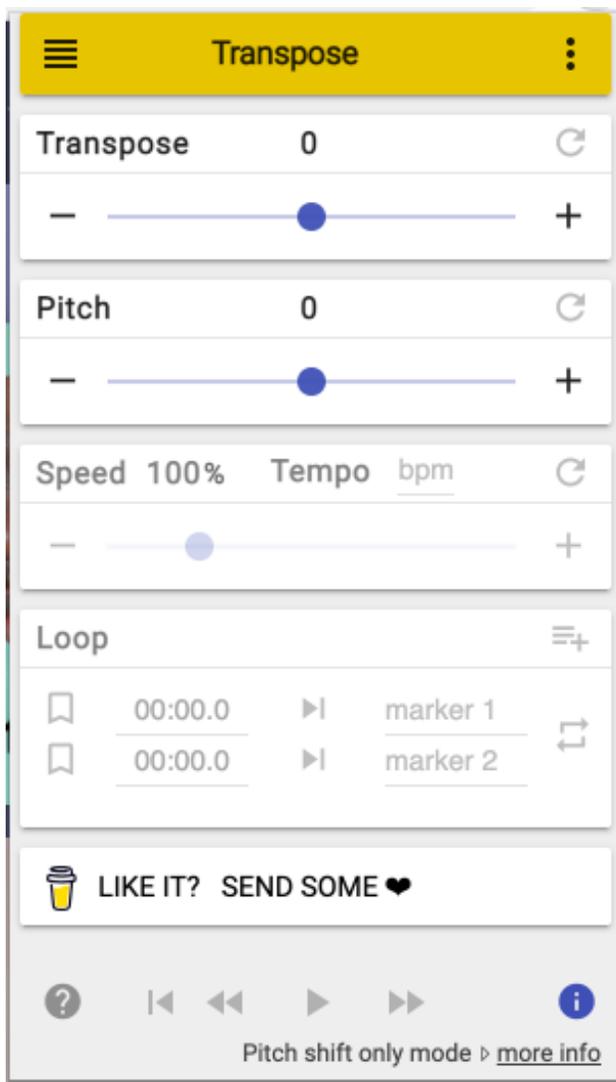


Objective

Transpose the key of a song and the tempo within the Spotify browser

Procedures

1. In a Google Chrome browser, search for the “Transpose Chrome Extension” or go directly to [this link](#)
2. Open Spotify in a Chrome browser.
3. After selecting a song to play, use the Transpose and Pitch options to adjust the pitch of the song
4. Note! The speed and loop options are not functional in Spotify.





Technology Tools: UltimateGuitar.com



Objective

Use the various resources available on UltimateGuitar.com

Procedures

1. Use the search window to search by artist or song title.
2. You will find results that are user-submitted. This means that all the chords and tabs within the free version are not official. There may be errors in the lyrics and chords. The rating system is usually a good indicator for the accuracy of a submission. Songs with lots of high reviews are often very accurate.
3. If you want, change the key of the song by using the Transpose +1 and -1 buttons.
4. Adjust the font using the Font -1 and +1 buttons.
5. Change the chord icons to the correct instrument, guitar, ukulele, or piano.
6. Use Autoscroll to have the page slowly scroll on its own while you play



Technology Tools: YouTube Search Terms



Objective

Here are a variety of search terms you can use to find resources for your classroom.

Key Terms

1. "<Song Name> Instrumental" - A version of the song without the lyrics or lead vocals
2. "<Song Name> Karaoke" - A version of the song without the lyrics or lead vocals
3. "<Song name> Clean Version" - A version of the song with certain content masked or removed, such as swears and references to drugs and violence.
4. "<Song name> Radio Edit" - Another way to search for a version of the song with certain content masked or removed, such as swears and references to drugs and violence.
5. "<Artist Name> Style Beats" - A way to find instrumental music and beats similar to the ones used by popular artists.
6. "<Artist Name> Instrumentals" - A way to find instrumental music and beats similar to the ones used by popular artists.
7. "<Genre> Instrumentals" - A way to find instrumental music and beats idiomatic of certain genres.
8. Note! Check the descriptions of videos to see how producers would like to be credited if you're using these songs.



Technology Tools: Change Pitch Using Audacity

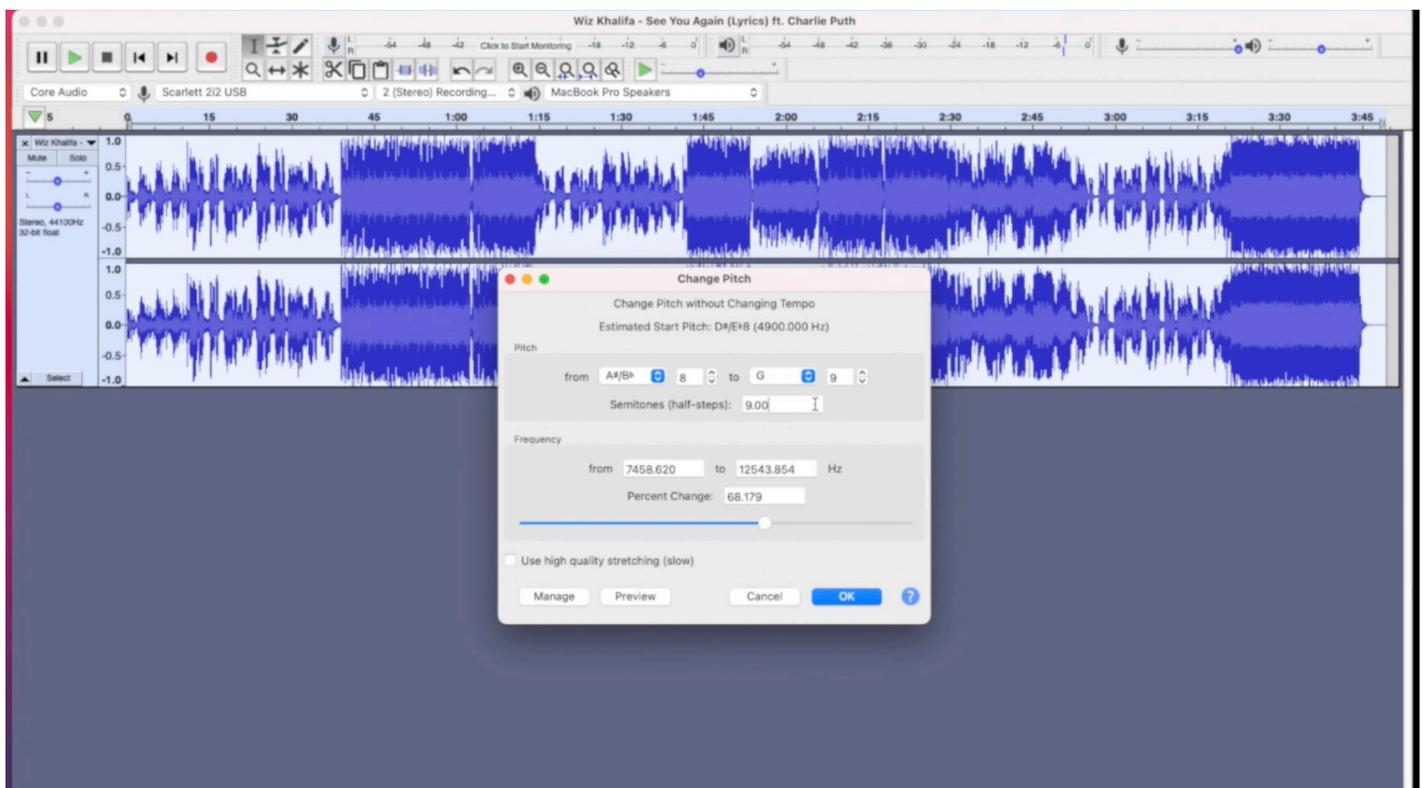


Objective

Adjust the pitch of a song using Audacity

Resources

1. You can download Audacity at <https://www.audacityteam.org/download/>
2. Drag the song file into the workspace. A waveform will automatically be created.
3. Double click the track then go to Effect -> Change Pitch
4. Enter the original key and the destination key.
5. Double check to make sure the software is adjusting the key in the correct direction
6. Click Ok
7. To export the song, click File -> Export -> Export as MP3. Select a destination for the song new. Enter metadata if you'd like.





Technology Tools: Clean a Song with Soundtrap

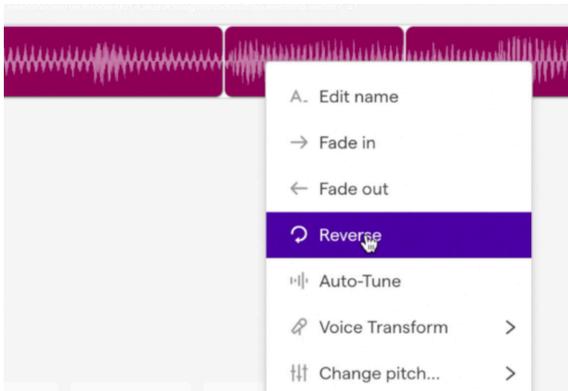


Objective

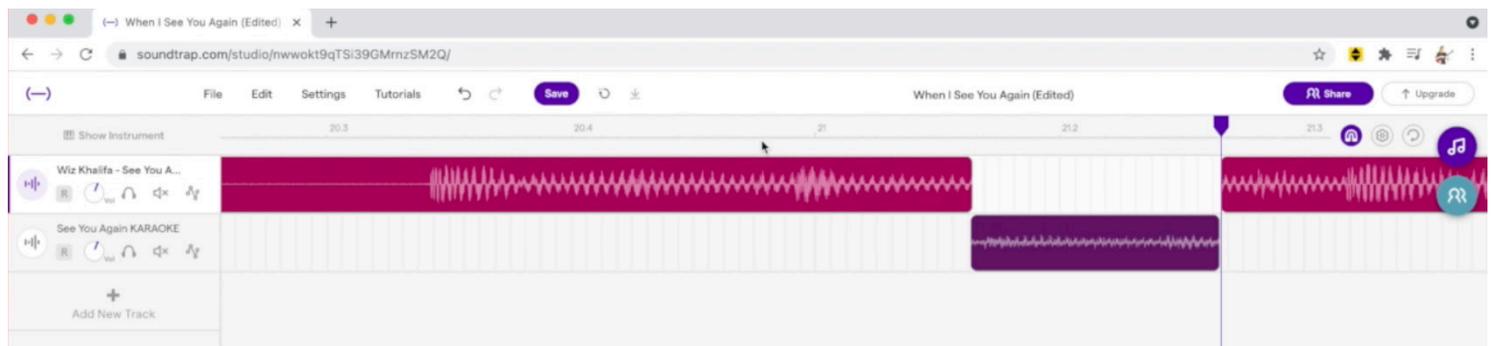
Edit out or mask unwanted lyrical content from a song

Resources

1. Open a new project in [Soundtrap.com](https://www.soundtrap.com)
2. Drag the audio file into the workspace. A new track will automatically be created
3. Find the moment in the audio that you want to edit.
4. Split the track at the beginning of that point by highlighting the track, dragging the playhead to the place you want the cut, and hitting Command + E
5. Repeat that process at the end of the word
6. Float over the new audio clip of the unwanted word and select Reverse.
7. Repeat for each word you want to remove. Save and download the song when you're done.



8. Alternately, add a karaoke version of the song to the project and sync the two up.
9. Split the karaoke and original versions at the same point.
10. Delete the unwanted word and replace it with the clip from the karaoke version.
11. Adjust the volumes to match





Technology Tools: Songsterr.com



Objective

Adjust the pitch of a song using Audacity

Resources

1. [Songsterr.com](https://www.songsterr.com)
2. Use the search tool to find a song by title or artist
3. Play the tab with the play button on the right side of the screen
4. Use the Show Tracks button to view the various instrument tabs, such as guitar, drums, and bass



The screenshot displays a list of tracks for a song, with the following tracks visible:

- Robert Plant - Vocals - Harmonica
- Jimmy Page - Acoustic Guitar - Acoustic Guitar (...)
- Jimmy Page - 12-String Guitar - Electric Guitar (c...)
- Jimmy Page - Lead Guitar - Distortion Guitar
- Jimmy Page - Rhythm Electric Guitar 1 - Electric ...
- Jimmy Page - Rhythm Electric Guitar 2 - Overdriv...
- Jimmy Page - Slide Guitar - Overdriven Guitar
- John Paul Jones - Bass - Electric Bass (finger)
- John Paul Jones - Recorder 1 - Recorder
- John Paul Jones - Recorder 2 - Recorder
- John Paul Jones - Keyboard 1 - Electric Piano 2
- John Paul Jones - Keyboard 2 - Electric Piano 2
- John Bonham - Drums - Drums

On the right side of the track list, there are several playback and editing controls:

- A play button.
- A blue button with a hand icon.
- A '100% SPEED' button.
- A headphones icon.
- A speaker icon with an 'x' (mute).
- A refresh/reload icon.
- A pencil icon (edit).
- A '3' icon (possibly a playlist or list).
- A printer icon.



Technology Tools: BassLessons.Be



Objective

Adjust the pitch of a song using Audacity

Resources

1. Basslessons.Be
2. Transcriptions - Note-for-note transcriptions of bass lines in popular songs, including staff notation, tab, chord changes, and information about the artist
3. Loops - Various drum and chord progression loops
4. Lessons - Print, Audio, and Video lessons for bass guitar
5. Abc - A glossary of bass guitar terms
6. Videos - A collection of lesson videos.



Technology Tools: Downloading a File from YouTube



Objective

Adjust the pitch of a song using Audacity

Resources

1. <https://ytmp3.cc/youtube-to-mp3/>
2. Copy the YouTube URL into the box
3. Selection MP3 for an audio file and MP4 for a video file and hit Convert
4. Download the song when it's done converting



Please insert a valid video URL

mp3

mp4