

**COMPUTING: CREATING MEDIA- Audio Editing**

KNOWLEDGE ORGANISER

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| **Overview** |  | Using Software |
|  Audio Editing-You should already know that audio means sound, including music, sound effects, and podcasts.-The process of recording and listening to sound requires input devices (e.g. a microphone) and output devices (e.g. a speaker).-Podcasts are a type of spoken word audio file, that can be downloaded by listeners.-People can have ownership over audio files, and can have the audio copyrighted, so that it can’t be copied without permission.   |  | Audacity is one example of an audio editing tool, but many others are available. For example, you can use the voice memo recorder on a tablet. |
|  | Skip to endPlay RecordSkip to startPause  | How to Record a New Track1.Go to the tab ‘Tracks’ and then ‘Add New.’2.Name the new track3.Click in the track’s window to select it.4.Press record to begin recording into the new track. |
|  | Stop The sound is shown as a waveform. We should aim for it to peak at around 0.5/ -0.5  |
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| **Input and Output Devices** |  | Got to the ‘file’ tab and ‘Save Project’ to save your work. You can also delete recordings, but you should only ever delete your own files! |
| We use input devices to send the audio to the device/ computer.We use output devices to listen to the audio from the device/ computer. |  |
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| Input Devices | Output Devices | Creating Podcasts |
| With the help of special cables, musical instruments can be linked to computers, and become input devices. | Digital speakers turn the electrical signal into an audio output that can be heard by the listener.  |  | Podcasts are a type of spoken word file that can be downloaded by listeners. A user can often choose to download the whole series of podcasts.Some examples of podcasts are ‘Stories Podcast’, ‘Six Minutes’ and ‘Brains On! Kids Science Podcast.’Features of podcasts include:Sounds: Voices, jingles, background music, sound effectsInformation: Presenters’ names, name of podcast, introduction, main section, conclusion. | Top Tips for High-Quality Podcasts-Speak clearly-Avoid fillers (‘um’, ‘like’)-Avoid coughing/ sneezing-Take turns to speak-Avoid background noise-Don’t touch the microphone-Choose music carefully |
| Microphones are input devices that change sound into electrical signals, which can then be recorded or transmitted. |  | Headphones are worn over the ears of the listener, so that only they can hear the sound output. |
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| Some devices are capable of acting as both input and output devices. Examples include headsets, smartphones, and voice assistants (e.g. Google Home and Amazon Echo).  |  |
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Important Vocabulary

Audio Record Playback Input Output Sound Podcast Selection Mixing Time shift Export Sound file