Word Aware

Anchor:
Microphone
Speaker
Presenter

Goldilocks:
Input
Output
Track

Step On:
Audio
Podcast
Waveform
Jingle

Computing Knowledge Organiser

Year 4: Creating Media: Audio Production

Previous knowledge

To know that audio means sound, including music, sound effects, and podcasts.

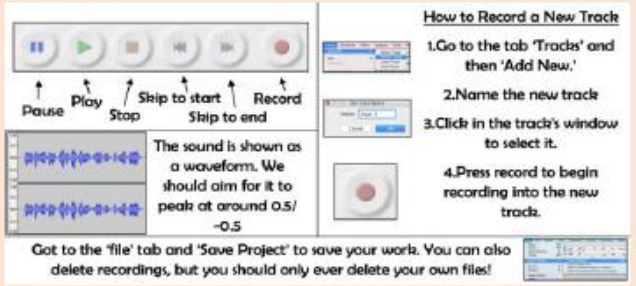
Audio Editing

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.

Key Knowledge – What I need to know

Using Software

Audacity is one example of an audio editing tool, but many others are available. For example, you can use the voice memo reorder on a tablet.



Creating Podcasts

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

Sounds: Voices, jingles, background music and sound effects.
Information: Presenters' names, name of podcast. Introduction, main section and conclusion.

Top Tips for High Quality Podcasts

Speak clearly
Avoid fillers ('um,' and 'like'), coughing/sneezing and background noise
Don't touch the microphone
Choose music carefully

Input Devices *- We use input devices to send the audio to the device/computer.*
Microphone: *Change sound into electrical signals, which can then be recorded or transmitted.*
Musical instruments: *Using special cables, they can be linked to computers and become input*

Output Devices *- We use output devices to listen to the audio from the device/computer.*
Digital speakers: *Turn electrical signal into an audio output that can be heard by the listener.*
Headphones: *Worn over the ears of the listener, so that only they can hear the sound output.*

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.