Innovation

Subject: Computing

Year group: 4

Term: Spring Term

Unit name: Audio Editing

Vocabulary	
Podcast	record
Audio	Microphone
Digital recording	speaker
Crop	input
layers	output
Podcast	stop
cut	Repeat
play	track

Big idea: **To** Produce an original podcast, which will include editing work, adding multiple tracks, and opening and saving the audio files.

Children will learn of the components needed to record audio eg. A microphone, speaker or headphones and software such as Audacity. As well as exploring how to use Audacity as a tool to produce a podcast, they will learn about the ownership of digital ownership and implications of duplicating copyrighted work of others.

Note: you will need quiet areas of school where you can send children to record their podcasts.

Progression of skills :

Creates digital content to achieve a given goal through combining software packages and internet services to communicate with a wider audience e.g. podcasting.

With permission, these podcasts could be shared with parents.

Prior learning:
Year 3 Sequence in music
Children use motion, sound and event blocks with Scratch to produce a programme featuring a sequence
Year 3 Stop frame animation
Children create stop frame animation and insert music and text during the editing process

National Curriculum links :

Computing – KS2
- Select, use, and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems, and content that accomplish given goals, including collecting, analysing, evaluating, and presenting data and information
- Use technology safely, respectfully, and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact

Future learning:

Year 5 Video editing
In this unit, children capture, edit and manipulate videos . They share and evaluate their creations. They may also use a green screen and add further audio.

Implementation:

Identify the input and output devices needed to record audio and playback sound

Listen to evaluate the podcasts of others before recording and playing back their own audio

They will recognise that audio recordings are files and can be saved, worked on and edited.

Children will plan and write their own podcast (may have to be part of English time allocation)

Children will record and edit their own recorded podcasts-they will learn how to cut, add multiple tracks and playback.

Combine different types of audio to create a podcast with sound effects or music

Listen to created podcasts, suggest improvements and understand that the file must be exported to be listened to by others.