Radio Station

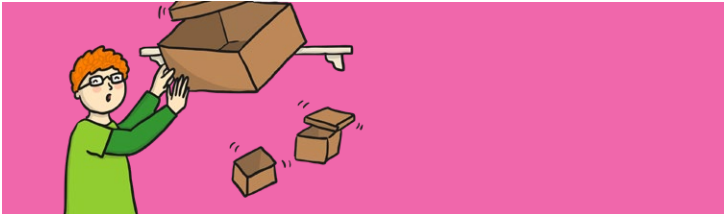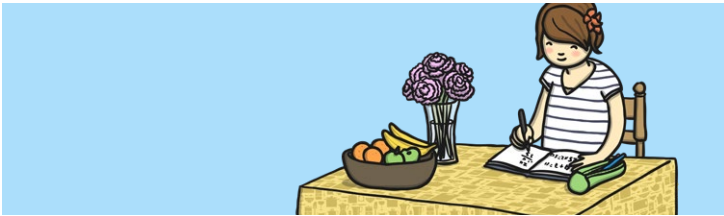**Computing | Year 5 | Unit Overview**

Introduction

This unit allows children to use software and digital devices for recording sound. Based around the theme of a Radio Station, it is designed to encourage a creative approach that includes interviewing, making adverts and using jingles. Other software is incorporated where children write scripts and design additional advertising for their Radio Station. Opportunities are included for children to present, listen, review and evaluate their own content as well as professional and commercial examples, plus those created by their peers.

Health & Safety

General safety in using a computer and e-safety rules, particularly if accessing the Internet. Be careful of all digital content, particularly when searching the Internet and ensure for e-safety that school network firewalls and anti-virus software are up to date and working correctly. Encourage good posture when sitting at the computer.

Home Learning

Radio Station Research: Children are challenged to research existing radio stations to investigate what is broadcast and what they enjoy listening to. Notes can be made which focus children on show titles and times, jingles and other content.

Podcast Research and Interview: Children plan ideas for their own new podcast to be recorded about an event, hobby or interesting topic of their choice. They are also challenged to think of interview questions for a friend or family member.

Weblinks

Always take extra care when visiting any external weblinks and check before children are allowed to browse.

Assessment Statements

By the end of this unit…

...all children should be able to:

- Record and play their own sounds in recording software
- Import an existing sound file into recording software to play
- Choose appropriate software for sound recording
- Plan and record a radio advert

...most children will be able to:

- Listen to and improve on their own recordings by re-recording
- Locate and download existing sound files to be imported into recording software
- Combine two or more tracks to make a new, original recording
- Plan and record appropriate audio content for a podcast
- Evaluate what features makes good quality audio content

...some children will be able to:

- Enhance sound recordings using software effects
- Be discerning about the digital content of existing sound files and their suitability
- Rehearse and improve script ideas based on their own evaluation
- Present audio information confidently and clearly

Wider Learning

A visit from an expert or professional in the radio industry would be an inspiring addition to the unit. A local radio presenter, producer or sound engineer could talk about what is involved in their job, behind the scenes.

Lesson Breakdown

Resources

1. Audacity
I can extend and enhance my knowledge of digital technologies to collect, analyse ideas, relevant information and organise these in an appropriate way. **TCH 2–01a**

- Lesson Pack
- PC or laptop
- Built-in or plug-in microphone
- Speakers or headphones
- Audacity software (downloaded and installed)

2. Jingles
I can extend and enhance my knowledge of digital technologies to collect, analyse ideas, relevant information and organise these in an appropriate way. **TCH 2–01a**

- Lesson Pack
- PC or laptop
- Built-in or plug-in microphone
- Speakers or headphones
- Audacity software (downloaded and installed)
- Websites for reference

3. Planning a Podcast
I can extend and enhance my knowledge of digital technologies to collect, analyse ideas, relevant information and organise these in an appropriate way. **TCH 2–01a**

I can spell most of the words I need to communicate, using spelling rules, specialist vocabulary, self-correction techniques and a range of resources. **LIT 2–21a**

- Lesson Pack
- PC or laptop
- Built-in or plug-in microphone
- Speakers or headphones
- Audacity software (downloaded and installed)

4. Recording Podcasts
I can extend and enhance my knowledge of digital technologies to collect, analyse ideas, relevant information and organise these in an appropriate way. **TCH 2–01a**

- Lesson Pack
- PC or laptop
- Built-in or plug-in microphone
- Speakers or headphones
- Audacity software (downloaded and installed)

5. Advertising
I can extend and enhance my knowledge of digital technologies to collect, analyse ideas, relevant information and organise these in an appropriate way. **TCH 2–01a**

- Lesson Pack
- PC or laptop
- Built-in or plug-in microphone
- Speakers or headphones
- Audacity software (downloaded and installed)
- Relevant web links

6. Playback and Performance
I can extend and enhance my knowledge of digital technologies to collect, analyse ideas, relevant information and organise these in an appropriate way. **TCH 2–01a**

- Lesson Pack
- PC or laptop
- Built-in or plug-in microphone
- Speakers or headphones
- Audacity software (downloaded and installed)