Year 4 Knowledge Organiser
Computing – Digital Creativity

What I should already know.

- Use ICT to select and record voice and sounds – (e.g. Dictaphone, digital voice recorder, Sound recorder in IWB software).
- Use recorded sound files in other applications.
- Locate and use sound files from Internet, CD ROM, learning platform and Multimedia software (e.g. IWB software).
- Select, import and edit existing sound files in sound editing software (e.g. Audacity).
- Use music software to experiment capturing, repeating and reordering sound patterns.
- Use ICT to create and perform sounds or music that would otherwise not be possible live – e.g. playing a multi-part piece or a very fast piece.

What will I know by the end of the unit?

- Acquire, store and retrieve images from cameras, scanners and the internet and begin to use paint packages or photo-manipulation software to change an image (e.g. apply different effects).
- Begin to independently capture, store, retrieve and edit a digital image.
- Develop greater control over the digital stills video camera and use the enhanced tools (Macro, Landscape, Zoom).
- Discuss and evaluate the quality of their own and others' captured images and make decisions (e.g. keep, delete, change).

Key Vocabulary

Image

Retrieve

Capture

Edit

Effect

Key Knowledge

- **<u>Understand that a digital image can be captured from a number of different devices and it can be stored, developed and enhanced.</u>**
- To begin to understand how images from different sources (stills, video, graphics, animation) are used to enhance a presentation or communicate an idea.

Online Safety

Be E-safe and enjoy!

Software