



St John Fisher RC Primary School

Year Two Knowledge Organiser – Spring Term Two – Computing – AI & Video

What we will be learning

Weeks 1 - 4

I know:

- To Understand simple AI technology and its uses.
- The advantages of using simple AI technology.
- The disadvantages of using simple AI technology.
- How to add effects to a video.
- How to add a voice recording to a storyboard.
- How to create a video presentation on the use of AI.

Key Facts to Remember

- Define what Artificial Intelligence (AI) means and give examples of simple AI technology.
- Identify at least two advantages and two disadvantages of using simple AI technology.
- Explain how to add effects to a video and describe what effects can enhance a video presentation.
- Demonstrate how to create a voice recording and explain its purpose in a video storyboard.
- Create a video presentation that includes the use of AI, showcasing learning and creativity.

Key Vocabulary and Glossary

- **Artificial Intelligence (AI)**- Technology that makes machines think and act like humans.
- **Technology** - Tools and machines that help us do tasks.
- **Programme** - A set of instructions that tell a computer what to do.
- **Effects** - Changes made to improve or alter something, like videos or images.
- **Video Presentation** - A way to show information using moving images and sound.
- **Voice Recording** - An audio file that captures sound or speech.
- **Storyboard** - A plan that shows how a video will look, with images and text.
- **Advantages** - Benefits or good points about something.
- **Disadvantages** - Drawbacks or bad points about something.

Interesting Facts

- Some AI programmes can play games better than humans.
- AI can help doctors by looking at medical images to find illnesses.
- Smart assistants like Alexa and Siri use AI to understand and respond to your voice.
- AI is used to create animations in films and video games.

Theme



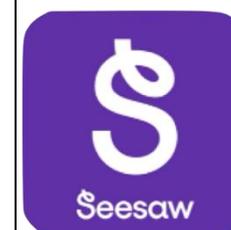
Artificial Intelligence (AI)

AI can be explained a super-smart computer that can learn and do things like humans, like answering questions or drawing pictures. It's like a "smart friend" that helps with tasks and can even make predictions. Simple examples like voice assistants (Siri, Alexa) or self-driving cars can illustrate how AI works by using data and patterns to learn and make decisions.



iMovie

iMovie is a free video editing application. It's designed to be user-friendly, allowing individuals with little to no experience to create professional-looking videos. iMovie includes features like trimming clips, adding transitions, and adjusting audio.



SeeSaw

An educational platform that can be used to create an electronic portfolio of children's completed digital work.

Apps & Software