

# Year 4 Spring 2: Knowledge Organiser – Computing

## Unit 10: Introduction to AI



Purple Mash Computing Scheme of Work: Knowledge Organisers

### Unit: 4.10

### Introduction to Artificial Intelligence

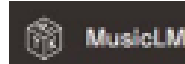
#### Key Learning

- To learn what is meant by the term artificial intelligence.
- To be clear about ways artificial intelligence is used in our everyday lives.
- To consider the future of artificial intelligence
- To look at how artificial intelligence is used in music and the arts to create things.

#### Key Resources



Bard



Music LM



Chat GPT



Quick, Draw

#### Key Questions

##### What is artificial intelligence?

Artificial intelligence (AI) is when computers and machines can do things that usually need human intelligence, like learning, solving problems, and making decisions.

##### How is artificial intelligence used in our lives?

Artificial intelligence is used in many ways in our lives. It helps us find information online, play games, use voice assistants, and even control some devices at home.

#### Key Vocabulary

##### Algorithm

A precise, step-by-step set of instructions used to solve a problem or achieve an objective.

##### Artificial Intelligence:

Computer systems able to perform tasks normally requiring human intelligence, such as seeing things, speech recognition, decision-making, and translation between languages

##### Data

A collection of information, especially facts or numbers, obtained by observation, questions or measurement to be analysed and used to help decision-making.