



Key Learning

- To understand what Artificial Intelligence is and some of the tasks it can carry out.
- To learn to communicate effectively with AI tools by writing clear and precise prompts.
- To understand how to be a good digital citizen when using AI.
- To think about how AI might develop in the future.

Key Vocabulary

Artificial Intelligence (AI)

A type of technology that can make predictions, take actions and create content, by learning from data.

Generative AI

A kind of AI that makes brand new things (stories, images, etc.).

Prompt

The instruction given to generative AI (like asking for a story or picture).

Automation

When machines or AI do tasks humans normally do.

Human Oversight

Humans being in charge, checking, and making rules for AI.

Refine

To improve or make something better by making small changes.

Data

Pieces of information (like words, pictures, sounds or numbers) that AI uses as “ingredients” to learn.

Innovation

A new idea, improvement, or helpful invention.

Responsible Behaviour

Being respectful, thinking about the impact of our actions, and acting kindly.

Digital Citizenship

Making smart, kind, and safe choices online, including how we behave when using AI.

Prediction

When AI looks at data, finds patterns and guesses what comes next.

Trustworthy / Reliable

Considering whether information (or AI output) is real, true, and fair.

Future Technology

New inventions or tools that people create to help do things better or more easily.

Privacy

Deciding what personal information to share, and who can see it.



Year 4

Introduction to Artificial Intelligence (AI)

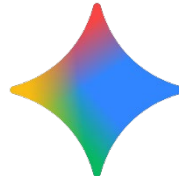
Key Images



ChatGPT



Claude



Gemini



Perplexity

Key Questions

What is Artificial Intelligence (AI)?

Artificial Intelligence is when computers are designed to learn and make simple decisions like humans. They spot patterns, solve problems and improve at tasks using the information they're given. AI doesn't think or feel, but it follows rules to work things out.

How can Artificial Intelligence help us?

AI makes everyday tasks quicker and easier. It helps doctors find illnesses, suggests fast travel routes and recommends books or films. It's especially useful for jobs with lots of data or tasks that repeat.

What makes a good digital citizen?

A good digital citizen uses technology safely and responsibly. They protect personal information, think before sharing and treat others respectfully online. They also check if information is reliable and use technology to help themselves and others.