

INFORMATION REPORT

ARTIFICIAL INTELLIGENCE

Lesson Overview:

Students will explore the concept of artificial intelligence, including how it works, how it is used in everyday life, and the benefits and challenges it presents. Students will then plan an information report using a structured writing template.

Learning Outcomes:

By the end of this lesson, students will be able to:

- Define artificial intelligence and identify everyday examples of its use
- Explain the concept of generative AI and describe how it differs from predictive AI
- Describe the role of data and the different types of data that “fuels” AI
- Discuss the benefits and challenges of AI.

Key Words:

artificial intelligence, generative AI, data, algorithm, prediction, bias, privacy, technology.

Lesson Resources:

[Slide Deck](#), [Video](#), [Writing Template](#)

Curriculum Links

Digital Technologies

- Investigate how digital systems use and represent data (AC9TDI6K01)
- Explain the implications of data use, including privacy, security and potential risks (AC9TDI6P09)

English

- Understand how texts are structured differently depending on purpose (AC9E5LA03)
- Use cohesive devices and topic sentences to guide the reader (AC9E5LA04)
- Plan, create and publish informative texts (AC9E5LY06 / AC9E6LY06)

Health and Physical Education

- Apply protective behaviours and critical thinking in online environments (AC9HP4P08)

LESSON SLIDES

Introduce:

- Activate prior knowledge: “**What do we already know about AI?**”
- Watch the [AI explainer video](#)
- Turn & Talk: “**How many questions can you answer about AI?**”
- Use the AI generated infographic and pose the questions;
 - Which aspect do you find the most interesting?
 - Which bit is the most worrying?
- Introduce the information report writing template to explicitly teach:
 - how information reports are structured (introduction, paragraphs, conclusion)
 - how to begin sentences using formal language (“AI is a type of technology that...”)
 - the importance of using facts, not opinions

Explore:

Students...

- Begin planning their information report using the writing prompts on Slide 6
- Pause to highlight and share strong student examples to model quality writing
- Provide targeted feedback to support students in strengthening their ideas, vocabulary and paragraph structure.

Reflect:

- Students begin by independently reviewing their plan using the success criteria:
- Do I have a clear introduction?
- Does each paragraph have a main idea?
- Have I used factual language?
- Students finish by making at least one improvement to their plan based on the feedback.

Exit Ticket: “One important thing I have learned about AI is...”

Optional Home Learning:

Students draft their information report using factual language and clear structure.