Example 1: AI-Generated Lesson Plan (NZ Curriculum)

📌 **Prompt:**
"Create a Year 5-6 lesson plan on the water cycle using the NZ Science curriculum. Include objectives, activities, and assessment ideas."

📄 **AI-Generated Lesson Plan**

Year 5-6 Science: The Water Cycle

Curriculum Link: NZ Science Curriculum – *Planet Earth & Beyond*
Lesson Duration: 60 minutes

Learning Objectives:

- Identify and explain the key stages of the water cycle (evaporation, condensation, precipitation, collection).
- Understand the role of the sun in driving the water cycle.
- Create a model demonstrating the water cycle.

Lesson Outline:

🔹 **Engage (10 mins)** – *Kahoot Quiz or ChatGPT Story*

- Show a short video or AI-generated story about a water droplet's journey through the water cycle.
- Ask: "Where do you think rain comes from?"

🔹 **Explore (20 mins)** – *Hands-on Experiment*

- Students create a **mini water cycle in a bag** (ziplock bag, water, food colouring, tape to a sunny window).
- Observe how water evaporates and condenses.

🔹 **Explain (15 mins)** – *Concept Mapping*

- Students label the four key stages of the water cycle using a digital tool (Google Drawings) or a printed worksheet.
- Discuss how the water cycle connects to daily life (rainfall, droughts, drinking water).

🔹 **Extend (10 mins)** – *Creative Writing Activity*

- *Writing prompt: Imagine you are a water droplet. Describe your journey through the water cycle!*

🔹 **Evaluate (5 mins)** – *Quick Check*

- Exit ticket: "What is one new thing you learned today about the water cycle?"

📌 **Assessment Options:**
✅ Observation during the experiment.
✅ Class discussion contributions.
✅ Written responses in the creative writing activity.