

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.