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WRITTEN LESSON PLAN

CREATING IMAGES WITH ARTIFICIAL INTELLIGENCE

Grade: 6th grade
Subject: Art
Duration: 40–45 minutes
Topic: Creating AI-Generated Images for Sustainability (Water & Food)

Tools & Materials

Computers or tablets with internet access.

An active Microsoft account for each student.

Microsoft Designer and access to ChatGPT.

An active email address for the teacher.

TEACHING PROCEDURE

1. Introduction · 10 minutes

The teacher explains what artificial intelligence (AI) is and gives examples of its use in everyday life (e.g. creating images, asking questions, generating scenarios).

The teacher connects AI with sustainability, explaining the importance of protecting water and food resources.

ChatGPT is introduced as a tool for generating ideas and text.

2. Presentation of Tools · 10 minutes

ChatGPT demonstration: The teacher enters a prompt about creating an image related to water or food (e.g. “Give me an idea for an image that promotes reducing water waste”). Students observe how a description is generated. Microsoft Designer demonstration: The teacher shows how a description can be transformed into images.

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3. Creative Activity · 20 minutes

Students sign in to the Microsoft accounts they have created.

Using ChatGPT, they generate image descriptions on topics such as food waste; preserving clean water; and what Drapetsona might look like with responsible water use and appropriate food consumption and management.

They enter their descriptions into Microsoft Designer and generate four alternative images.

They choose their favourite image and send it to the teacher by email.

4. Feedback & Closing · 5–10 minutes

The teacher projects some of the images submitted by students.

The class discusses how the images promote sustainability.

How do you think artificial intelligence can help protect the environment?

What other uses of artificial intelligence can you imagine?

Learning Outcomes

Understanding the basic functions of AI tools.

Using AI tools to create digital content.

Strengthening environmental awareness through creative activities.

Extension

In the next lesson, students can combine their images into a short comic that tells a story related to water or food.

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CREATING COMICS WITH ARTIFICIAL INTELLIGENCE (STORY BOARD AI)

Grade: 6th grade
Subject: Art
Duration: 60 minutes
Topic: Creating Comics (continuation of the introductory lesson)

Tools & Materials

Computers or tablets with internet access.

Access to ChatGPT.

Access to the Story Board AI platform.

An active account for each student or group of students.

TEACHING PROCEDURE

1. Introduction · 10 minutes

The teacher explains how to create comics using artificial intelligence.

The comic themes are introduced: water or food as sustainability topics.

Story examples include “The Adventure of a Drop of Water” and “How We Saved Food from Waste”.

The class reviews the use of ChatGPT as a content-creation tool.

2. Creating a Script · 15 minutes

The teacher guides students to ask ChatGPT for a comic script.

Example prompt: “Create a short script for a comic in which a drop of water travels through the water cycle.”

Students read the suggestions and choose the script they like best.

They revise the script if needed to make it short and concise.

3. Creating Images in Story Board AI · 20 minutes

Students open the Story Board AI platform and enter the script they have created.

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They select a comic style and let the platform generate the images.

They examine the resulting images (10 images across 4 pages).

They check whether the images match the script and suit the message they want to communicate.

4. Presentation & Discussion · 5–10 minutes

Groups present their completed comics to the class.

How does your comic promote the protection of water or food?

What other stories can you imagine about sustainability?

Learning Outcomes

Understanding how AI tools can be used to create narrative content.

Developing creativity and imagination through collaboration.

Deepening understanding of sustainability through art.

Extension

In the next lesson, the comics can be used to create a collaborative sustainability-themed e-book to share with other students or parents.

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