# **Lesson Plan: Introduction to Generative AI**

Duration: 60 minutes  
 Topic: Introduction to Generative AI: Understanding, Exploring, and Creating

## **Learning Objectives**

By the end of the session, learners will be able to:

· Define Generative AI and identify its applications.

· Use at least two AI tools to create text, images, or other media.

· Evaluate the ethical considerations in AI-generated content.

## **Required AI Tools**

· ChatGPT (for text generation and Q&A)

· DALL·E or Bing Image Creator (for image generation)

· Gamma.app (for AI-generated presentations)

· Mentimeter (for live polls and engagement)

· Google Forms (for exit tickets and reflections)

## **Lesson Flow**

| **Time** | **Activity** | **Method/AI Tool** | **Expected Outcome** |
| --- | --- | --- | --- |
| **0–5 min** | Warm-Up – Ask “What do you think AI can create?” | Mentimeter (AI-enabled poll) | Students list ideas; word cloud generated |
| **5–15 min** | Introduction to Generative AI – Concepts, examples, industries | ChatGPT (demo concept generation) | Students understand definition & real-world use cases |
| **15–30 min** | Hands-On Text Generation Activity – Generate a product description & short story | ChatGPT | Students create original AI-generated text |
| **30–40 min** | Hands-On Image Generation Activity – Create an image from a text prompt | DALL·E or Bing Image Creator | Students produce visual content |
| **40–50 min** | Group Discussion: Ethics in Generative AI | ChatGPT for examples of ethical dilemmas | Students discuss bias, copyright, and authenticity |
| **50–55 min** | Quick Presentation Creation – Use Gamma.app to turn text into a slide deck | Gamma.app | Students see AI-assisted presentation building |
| **55–60 min** | Reflection & Exit Ticket – “One thing you learned, one question you still have” | Google Forms with AI summarization | Teacher gauges understanding |

## **Assessment**

Formative: Participation in activities & discussions

Summative: Quality and creativity of AI-generated output

## **Homework / Extension**

Create a blog post or short video on “How I can use Generative AI in my field of study,” using any AI tool.