

AI & Students: A crash course to ethical and effective use of AI

Hosted By: Rishi Gandhi

Target Audience: Grade 8 to Grade 10 Students

Objective:

The goal of this workshop is to introduce students to the practical and ethical use of Artificial Intelligence (AI) through interactive, hands-on activities. This session is designed to make students aware of AI's role in everyday tasks, its underlying logic, and responsible usage in academic settings.

Workshop Content Overview:

- 1. Use of AI in Daily Activities**
 - Using AI for research and fact-checking
 - Learning aid: explanations, concept reinforcement
 - Composing formal emails with AI assistance
 - 2. How AI Works**
 - Basic understanding of prediction logic
 - Exploring how AI estimates probabilities
 - 3. AI Image Generation**
 - Introduction to AI-powered image generation tools
 - Activity: Create visuals using prompt-based tools
 - 4. Ethics & AI**
 - Identifying biases in AI systems
 - Discussing ethical implications of AI use
 - 5. Citing AI in Academic Work**
 - When and how to cite AI tools in assignments
 - Encouraging academic honesty and transparency
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Plan:**1. Use of AI in daily activities.**

- To start, a short activity where a teacher will propose a question during the session. All students will be allowed to use AI and will share their prompts and responses on Padlet
- I will introduce to what we call a “Good Prompt”. After which i will show them some prompts and ask them to grade the prompts.
- Then I will show how to use AI to learn things, by instead of getting done with the task, you can learn the concepts and at the same time enjoy learning
- Short activity “Write a proposal email to your coordinator proposing for a food-making competition. This email has to include your plan, your proposed date, people involved, and the location.” and post this again on a different padlet

2. How AI works

- A brief introduction to how AI works
- A short clip showing how AI works
- How Image generation works

3. AI Image generation

- Show live examples using safe and student-friendly image generation tools.
- Conduct a creative activity: students will be given themes (e.g., futuristic classroom, animal mash-ups) and asked to generate corresponding images.
- Discuss how prompt specificity impacts visual results.
- Give them a tool to generate images which are effective, and which does not display inappropriate images
- Ask them to generate their dream using AI and (ask a few to show theirs or everyone posts on a padlet)

4. Ethics and AI

- Facilitate a discussion using real-life examples (e.g., AI bias in results/responses, facial recognition, misinformation).
- Organize a short debate or think-pair-share: “Should AI be allowed to grade student work?”
- Discuss responsible use of AI and how to question its accuracy.

5. Citing AI in Academic Work

- Provide examples of when citation is necessary (e.g., using AI-generated paragraphs, summaries).
- Demonstrate simple ways to cite AI tools in assignments using MLA/APA-style formats.
- Share a checklist with students for responsible academic use of AI.

Expected Learning Outcomes:

- Everyone will be able to use AI tools to aid in learning and communication.
- Everyone will develop an introductory understanding of how AI systems function.
- Everyone will explore creative uses of AI, including visual generation.
- Everyone will understand the importance of ethical AI usage and responsible academic practices