

# Generative AI Limitation Challenge

Team Name: \_\_\_\_\_

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| <p><b>AI Hallucination Check</b></p> <p><b>Task:</b> Think about something you know really well! Challenge the AI to provide information on that topic and note any invented details or false information the AI generates.</p>                                | <p><b>Bias Exploration</b></p> <p><b>Task:</b> Input prompts that could reveal cultural, gender, or socio-economic biases. Compare results across different phrasing and document examples of bias and discuss potential impacts in educational settings.</p> | <p><b>Intellectual Property Risk</b></p> <p><b>Task:</b> Generate an image or text based on a famous character, song lyric, or logo and discuss the ethical and legal issues around intellectual property that arise from this output.</p>                                     |
| <p><b>Complex Task Challenge</b></p> <p><b>Task:</b> Ask AI to solve a multi-step math problem or provide a complex reasoning explanation and evaluate the output for accuracy and logical consistency, highlighting where AI might fail on complex tasks.</p> | <p><b>Creative Generation Limits</b></p> <p><b>Task:</b> Ask AI to create a new metaphor or unique joke and analyze the creativity (or lack thereof) in the response, noting where AI may fall short of human originality.</p>                                | <p><b>Emotional Response Test</b></p> <p><b>Task:</b> Input a prompt about a sensitive or emotional topic and observe how the AI responds. Note any limitations in the AI's empathy or emotional nuance and consider implications for educational or therapeutic settings.</p> |