

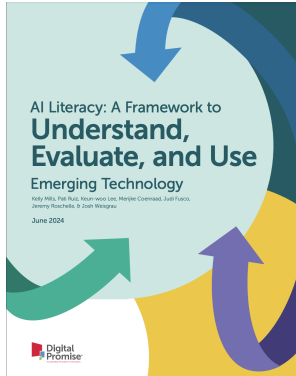
AI Literacy

Test Yourself: Which Faces Were Made by A.I.?

go.ncsu.edu/ai-nyt-faces
go.ncsu.edu/ai-odd-one-out

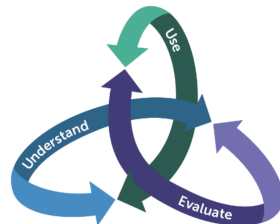


From Digital Promise - AI Literacy: A Framework to Understand, Evaluate, and Use Emerging Technology



[Report: June 2024](#)

Read more about the principles of AI Literacy: Understand, Evaluate, and Use



AI Literacy Framework

[Blog Post: Feb 2024](#)

Learn more about the types of AI Use: Interacting, Creating, & Problem Solving

Types of Use	Description	Examples
Interacting with AI	Engaging with adaptive technology that adjusts to data collected	<ul style="list-style-type: none">Scrolling through a feed on a social media platform with "recommended" posts.Speaking to virtual assistants (Siri, Alexa, etc.)EdTech platform that personalizes learning (automate question difficulty, text-to-speech accommodation, etc.)
Creating with AI	Translating or synthesizing content	<ul style="list-style-type: none">Prompting an AI-powered image animatorPrompting a chatbot to create synthetic textUsing AI to transcribe an audio fileUsing an AI wrapper to create a chatbotGenerating activity-specific content (flashcards, quizzes, graphic organizers, differentiated content, etc.)
Problem Solving with AI	Engaging in inquiry including decomposing problems, and developing innovative solutions	<ul style="list-style-type: none">Constructing an AI-enabled tool to address novel ways of better connecting ideas to address a real-world problem (e.g. building an image detection algorithm to clean litter or a sensor to monitor water quality)Analyzing existing data to investigate problems.For instance, using AI tools to interrogate how writers with different backgrounds or perspectives might analyze a situation

[P. 18 of the Report](#)

Grow in the Fundamentals

Learn "What's a Chatbot?"



The person sitting next to you is a Chatbot!

1. Ask them something simple:

What's for dinner?
What are the weekend plans?

2. Keep prompting

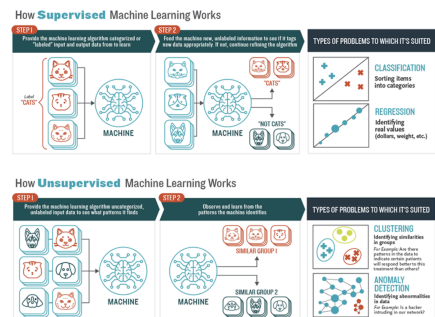
Make it healthier.
Be more specific.

Inspired by Stacie Chana, TechEdMaven

Learn more about Chatbots in [this YouTube video from Code.org](#).

Check out this infographic to learn how algorithms are the key to machine learning:

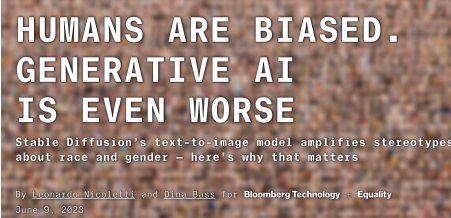
How Do Machines Learn?



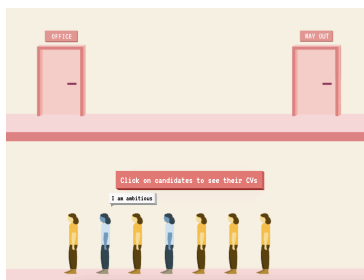
Experiment with training an algorithm in this game: [Most Likely Machine](#)

Is AI REALLY Biased? AI & Ethics

Check out this [Bloomberg news article](#) to see a visual representation of Gen AI's bias:



Play the [Survival of the Best Fit game](#) to hire employees and learn about bias:



Want to learn more about AI Ethics & Policy in the News? Check out this spreadsheet: <http://bit.ly/ai-ethics-news>



Emma Braaten, Director of Digital Learning
Friday Institute for Educational Innovation, NCSU
ekbraate@ncsu.edu

This work is licensed under a [Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License](#) created by [Friday Institute for Educational Innovation](#), NC State University College of Education, 2024.



Prompt Engineering: Refine, Refine, Refine

Think RAFT

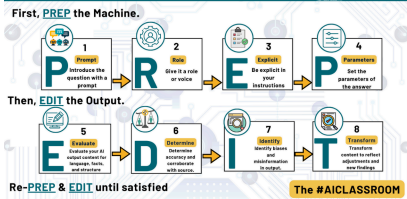
ROLE	AUDIENCE	FORMAT	TOPIC
ELA teacher	Struggling readers	3 to 5 Paragraph Essay	ELA RI.8.3
Math teacher	Grade 7 working on grade 4 math level	Multi-sensory practice activities	Order of operations in multi step equations
Intervention teacher	Small group	15-minute Intro Lesson	Big problem vs small problem
Substitute teacher	Grade 4	10 Multiple-Choice Questions, with answer key	Causes of Revolutions

NCHEI College of Education Friday Institute for Educational Innovation

AI Friday Institute

[Use the RAFT Framework](#)

PROMPT ENGINEER FRAMEWORK



[Prep then Edit](#)

[Who, What, Why, Where](#)

Use your prompt writing skills to replicate one of the images below in an image-generating tool. Try it in different image creating tools to see how your results may be different!

[ChatGPT](#)

[Microsoft Copilot](#)

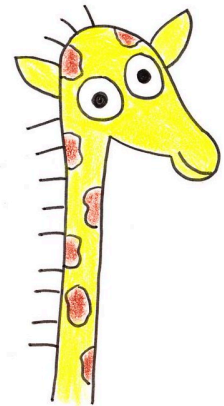
[Canva's Magic Media tool](#)



Renaissance Child



Island Vacation



Giraffe Drawing

More than just an essay! Check out the many ways that you can better engage and create content with GenAI by using some of the prompt starters below - but remember, machines make errors!

Try the various GenAI platforms and see where you get different results!

[chat.openai.com](#)

[claude.ai](#)

[copilot.microsoft.com](#)

[gemini.google.com](#)

[perplexity.ai](#)

Generate ideas on _____.

Explain _____ for someone who is _____ <insert age, knowledge, skills, etc>.

Write a bulleted list to describe the important details about _____ .

Write an #-word summary on _____.

<Provide topic or copy & paste text into the prompt>

Create an outline for _____.

Explain _____ step by step.

Edit / Rewrite this text <copy & paste into the prompt>

I'm trying to _____. Ask me a series of 10 questions one at a time to help me accomplish this.

Generate # questions about _____ .

What are the 3 outliers about _____?

Create a table on _____. Make the columns _____ and the rows _____.

Provide an example of _____

I'm confused about _____. Provide # specific examples.

Act as _____ <insert person/role, perspective, knowledge, skill, etc>.

Write # prompts I should ask to better understand _____.

★★★★ Sometimes you need to start over! ★★★★★

Prompt → Start over: Ignore everything before this.

[Return to the top of the document](#)