

GETTING STARTED WITH AI TOOLS

DIRECTIONS: Click on the activities below to 'Level Up' your knowledge and application of AI. Use the resources provided to help you. The activities become increasingly more complex the higher the plant pot!

LEVEL UP



Santa Barbara County Education Office
Artificial Intelligence
Exploring A.I. ChatBots Activity

CHATBOTS TO PLAY WITH (in alpha order... pick 3!)

ChatGPT https://openai.com/chatgpt/	Claude https://claude.ai/new	Copilot https://copilot.microsoft.com/	Gemini https://gemini.google.com/	perplexity https://www.perplexity.ai/
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DIRECTIONS:

STEP 1
Rename this document so that you can easily find it in the future! (Example: "TIFFANY Exploring A.I. Chatbots Activity". Add your name to the "My name is" box.

STEP 2
Open up three ChatBots of your choice. Use the links to each of those bots above! You may need to establish an account with them if you have not already done so. Enter the names of the ChatBots you have chosen into the columns of the chart below.

STEP 3
Create a prompt you will give to each of the ChatBots, that is about your subject area (see bottom of this page for examples). Write your prompt into the first row provided in the chart below. Copy that exact same prompt into each of the ChatBots and see what responses you get! Copy the responses from each ChatBot into the chart.

STEP 4
Determine a new question or follow up for the ChatBot. Write this second follow up into the second row of the chart, then copy it into each Chatbot. See what responses you get! Copy the responses from each ChatBot into the chart.

STEP 5

Compare and Contrast Chatbot Activity

AI TOOL SMASH UP

Overview and purpose: Each AI tool has strengths and weaknesses, and these can often change depending on the context in which the tool is being used. This activity will help you consider how you might leverage and "SmashUp" multiple AI tools.

DIRECTIONS:
Identify one AI tool with multiple generative functions, or multiple AI tools that you would like to build with. Being careful to evaluate and refine what is generated by the AI tools every step of the way, layer and "smashup" AI generated artifacts to develop resources, activities, etc for a lesson, assessment, or activity.

You can use some of the tools in [THIS SLIDE DECK](#) to help you explore or get started.

Example/Scenario:
Imagine you are a 6th-grade teacher who is finishing up a unit on Ancient Egypt. I want to create a final project where students can demonstrate their understanding of the cultural, political, and technological achievements of Ancient Egypt and evaluate their impact on the development of subsequent civilizations utilizing primary and secondary sources.

I decide that I want to offer students with a variety of ways to demonstrate their learning. Here's what I might do:

- 1) Magic School.** I log into Magic School, and look up the "Choice Board" Tool. I will describe how many students I have in my class, my grade, the topic, the content standards and learning objectives I want the activities in the choice board to cover.
- 2) School AI.** Using the Launchpad feature, I will see if a "Space" or chatbot has been created to replicate having a conversation with a child in Ancient Egypt, and create one with my own materials and parameters if there is not one created that I like. I'll chat with the bot and determine if this might be a useful opportunity to include for my students who choose this option on the choice board.
- 3) Log into ChatGPT.** I will enter details of what I am trying to accomplish with this project, along with the options in the choice board, and the specific things I want students to accomplish with the project. I will give the scale I want (4 points, 5 points) and let ChatGPT give me a first draft of a possible rubric.

I then decide that I would like to have one rubric that will guide students through the project, what they should be working towards and how they will be assessed on the learning objectives. I might:

Have fun, and see what you can create! There are no "right or wrong" ways to do this activity.

Layering AI Tools SmashUp Activity

AI Teacher Tools Exploration

Tools below are listed in order they can be found in the slide deck.

- AudioPen
- BRISK
- Curipod
- Diffit
- Google Read Along
- Google Read and Write
- GPT Chatbots
- MagicSchool AI
- SchoolAI
- Quizziz
- Extras!

LEGEND

- Tool Link
- Tool Highlights
- Tool Resources / Walkthrough

Try a new AI Tool

See machine learning in action with Google Quick Draw!

What aspect of AI will this activity explore? Can a neural network learn to recognize doodling?

Help teach it by adding your drawings to the world's largest doodling data set, shared publicly to help with machine learning research.

Open up a new tab in your browser, and navigate to <https://quickdraw.withgoogle.com/>

Step 1: Click the "Start Drawing" button. When you're ready, click "Draw" and draw the object. Do your best! You'll hear a voice trying to guess the name of the object you're drawing.

Step 2: You'll be asked to draw an item on your screen in under 20 seconds. When you're ready, click "Draw" and draw the next object. You'll be asked to draw a total of 6 different objects.

Step 3: When your 20 seconds are up, you'll be directed to draw a second item. When you're ready, click "Draw".

Step 4: See all your drawings together, and if the neural network was able guess what the drawing was. Have any drawings the neural network couldn't recognize? Click on that drawing to see what the network saw.

Step 5: Play again to see if you can continue to draw images the neural network is able to recognize.

Click "data" to visit the data set that is helping to teach the machine!

Click "data" to look at all of the versions of that object other people have contributed to the neural network!

Click on "Data" in the upper right corner to see the raw dataset and unprocessed code if you're curious about large data!

Reflection: To what extent was this AI tool able to perceive what you were trying to create? What additional information (if any) would the AI tool need to better understand what you were asking it to do?

Classroom Application:

- Get to know your students by making identity icons
- Help your students generate new ideas or images
- Help your students demonstrate their learning
- Support students who struggle with visual or creative learning

CA K-12 Computer Science Standards Alignment

Core Concepts:

- Data and Analysis (DA)
- Collection, Visualization, Transformation
- Inference and Models
- Algorithms and Programming (AP) Variables

Core Practices:

- 4. Developing and Using Abstractions
- 5. Creating Computational Artifacts

ISTE Standards for Educators Alignment

- 2.3.b
- 2.3.a

Keep connected to all things AI at SBCEO by visiting <https://sbceo.org/ai>

Try a safe and easy AI tool in 10mins or less with an Exploration Challenge