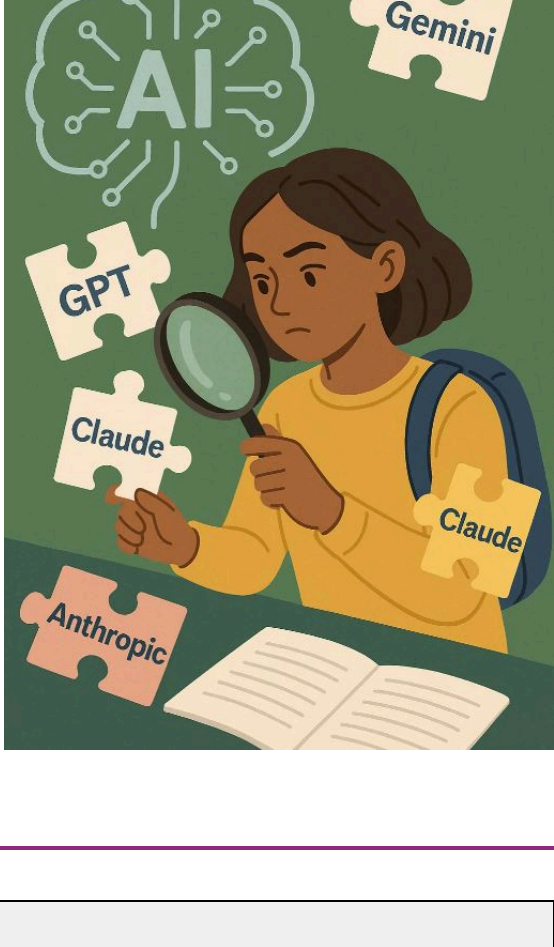


Unity Boost

Tom Shaun

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Edition #3 - 30/06/25



Hello fellow humans,

Welcome to edition 3 of Unity Boost! (*patent pending*)

A big thank you to everyone who took a shot at our 'Real or AI?' image challenge in the last edition. The big reveal – that *all* the images were AI-generated – caught a few of you out! It was a perfect/scary example of just how sophisticated these tools are becoming.

This week, we're pulling back the curtain a little more. You've heard the names – ChatGPT, Gemini, Claude – but what's the difference between them? And what's a 'model' versus a 'company'? Let's demystify the big players in the AI world so you know exactly what 'engine' you're using.

Let's get boosted!

Tom x

Scary 🤖 Words: *LLMs, Companies & Models*

Ever wondered what the difference is between OpenAI and ChatGPT? It's simpler than you think. Let's use a car analogy:

- The **AI Company** is the manufacturer (like Ford).
- The **AI Product** is the car you drive (like a Ford Mustang).
- The **AI Model** is the powerful engine they build (like a V8).
The technical term for this is an **LLM (Large Language Model)**.

You don't need to be a mechanic to drive a car, and you don't need to be a data scientist to use AI. But knowing a little about the 'engine' can help you choose the best tool for the job.

So OpenAI is the **Company**, ChatGPT is the **Product** and 4o is the **Model**. With me so far? Good! Because now it gets confusing.

Obviously car companies have different engines for different cars - you wouldn't put a turbocharged V12 in a Peugeot 106!

In the same way, AI companies don't use the same model for every product. Let's take ChatGPT as an example; they have a pretty confusing list of possible models to use:

ChatGPT o3 ▾

Models ⓘ

GPT-4o

Great for most tasks

o3

Uses advanced reasoning



o4-mini

Fastest at advanced reasoning

o4-mini-high

Great at coding and visual reasoning

More models >

GPT-4.5

Good for writing and exploring ideas

GPT-4.1

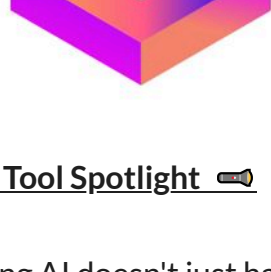
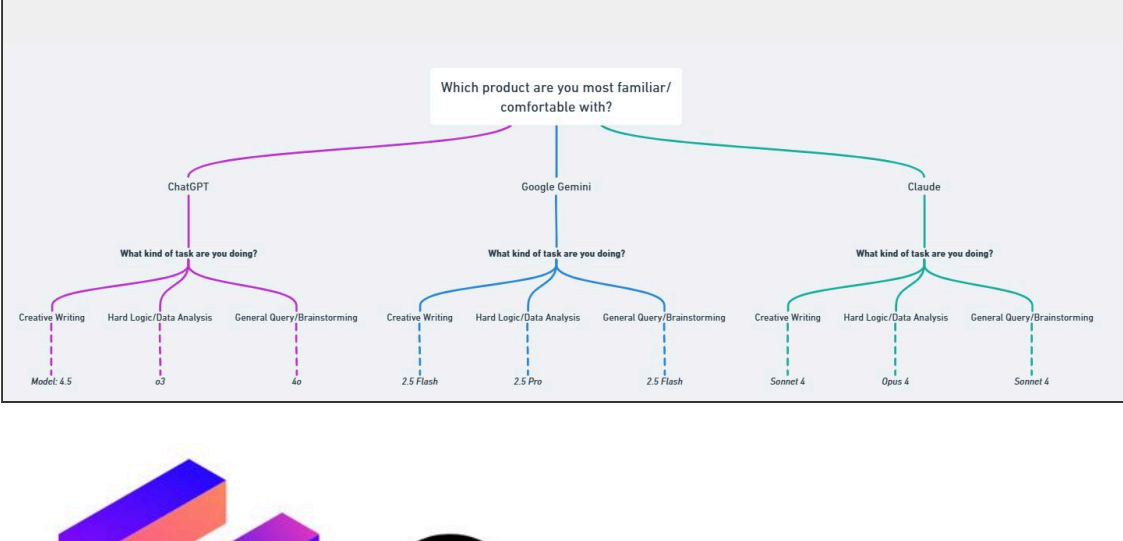
Great for quick coding and analysis

GPT-4.1-mini

Faster for everyday tasks

Here is a quick cheat sheet flow chart so you know which model you should be using: (*Be aware that things change fast in AI model land, so expect this to be somewhat outdated in a month or two!*)

Click to enlarge!



Gamma

🔦 Tool Spotlight 🔦

Using AI doesn't just have to be a chatbot from one of the main tech players. Lots of small companies are now integrating AI into their existing products with some interesting results. One product that might be of some use to us is Gamma.

Gamma is an AI tool that can create PowerPoints and worksheets from your input, be it a simple prompt or documents or even webpages.

[This is a link to a video tutorial I have done if you are interested.](#)

And these are download links for resources I made with Gamma for the first lesson in a new topic on the 'Turning Points of WW2', introducing the concept of *Significance* to students. I actually spent a bit of time and got things looking the way I wanted:

[PowerPoint](#)

[Card Sort](#)

I'd be really interested to see what you guys come up with - let me know if you make anything interesting!

Unity News & Shout Outs 🥰



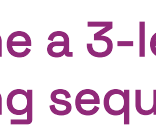
Inb4 Program

Last week I met with a company interested in involving our school in an AI program. This is just for students (you can relax!) and will be in two parts. The first is a series of dropdown days for each year group and the second is an afterschool club run by their experts. Exciting stuff, stay tuned for more details as I get them!

Mr Frankland - Science

Mr Frankland has already been experimenting with Gamma to produce some Science resources. Well done Robert!

Prompts to try... 💬



"Outline a 3-lesson learning sequence for a Year 9 class on [specific topic, e.g., 'the theme of prejudice in *Of Mice and Men*']".



Top Tip: Add "Include a key learning activity and a suggested homework task for each lesson" to get a more complete plan



Generate a simple metaphor to explain the concept of ['dramatic irony' or 'supply and demand'] to a [age group]



Top tip: Ask the AI for three different metaphors. Or ten. It never gets tired!



Generate 3 feedback comments for an essay that [describe issue, e.g., 'lacks analysis']



Top Tip: Add the essay topic for more specific advice



Identify 5 key vocabulary words from this text that a Year 10 student might not know. Provide a definition for each and an example sentence.



Top Tip: Also ask it to "create a fill-in-the-blanks activity using these new words" for a quick knowledge check.

Useful reading/listening links



📖 Professor Ethan Mollick: *Using AI Right Now*

Professor Ethan Mollick is an AI researcher at the Wharton School of Business and an excellent X follow. His Substack is also worth subscribing to, and this article builds on the topic of this newsletter, on what AI tools are good for which jobs.

[Read here →](#)



📖 AI Daily Brief: *3 ways to get better at AI now*

This podcast is primarily focused on the tech and business side of AI, but this episode is well worth a listen if you have dabbled with AI but are interested in getting better fast. It talks about 'vibe-coding' which will be feature of an up-coming newsletter, so stay tuned for that.

[Listen here →](#)



📖 Pete Buttigieg: *We Are Still Underreacting to AI*

In a recent post, Pete Buttigieg, the former U.S. Secretary of Transportation and a prominent American politician, argues that society is dangerously underprepared for the rapid, transformative impact of AI. He urges us to see AI not as a niche technology issue, but as a fundamental change to everyday life on a scale similar to the Industrial Revolution, only unfolding much faster.

[Read here →](#)



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