



# CHAT GPT AND AI

## Observations for school leaders

**Presented by:** Tony Gilbert

August 2023

# Agenda

- AI in General
- Observations and thoughts relevant to Senior Leaders
- Upskilling and musings



**Tony Gilbert**

Sales Director

New Era Technology New Zealand




[@TonyGilbert](#)

## About me

- Sales Director and former Deputy Principal
- Over 20 years of experience in education and technology.
- Since joining New Era Technology in 2012, he has driven revenue growth and expanded the customer base through strong relationship-building skills.
- Speaker, consultant, and volunteer in my community

 Home

 Hi Tony, I'm your AI design partner. What would you like to create today?

Presentation

Document

Webpage

# What is GPT?



## The Basics

GPT is a deep learning model used for natural language processing and text autocompletion. With large amounts of data and computing power, it can generate coherent and realistic text.



## How it Works

GPT uses a transformer

 AI generating



# The Basics

Chat GPT – Open AI  
Google Bard (PaLM 2)  
Perplexity .... Etc etc



I'm Bard, your creative and helpful collaborator. I have limitations and won't always get it right, but your feedback will help me improve.

Not sure where to start? You can try:

Write some lyrics for a heartbreak anthem titled "Lovesick"

Advantages and disadvantages to consider before buying smart watches?

Brainstorm a list of team bonding activities for our summer work retreat



Human reviewers may process your Bard conversations for quality purposes. Don't enter sensitive info.



Enter a prompt here



Bard may display inaccurate or offensive information that doesn't represent Google's views. [Bard Privacy Notice](#)

## Bard is an experiment

As you try Bard, please remember:

### **Bard will not always get it right**

Bard may give inaccurate or inappropriate responses. When in doubt, use the "Google it" button to check Bard's responses.

### **Bard will get better with your feedback**

Please rate responses and flag anything that may be offensive or unsafe.

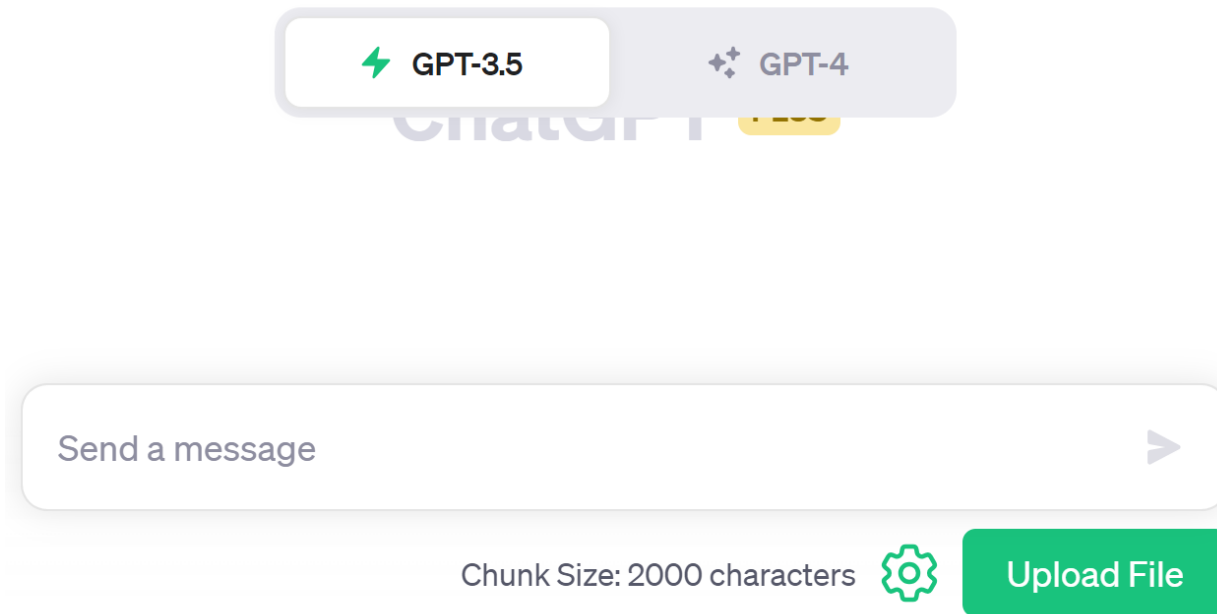
### **Stay updated on Bard improvements**

- ☐ Opt in to receive email updates about Bard. Your personal data will be processed by Google to send those emails in accordance with Google's [Privacy Policy](#).

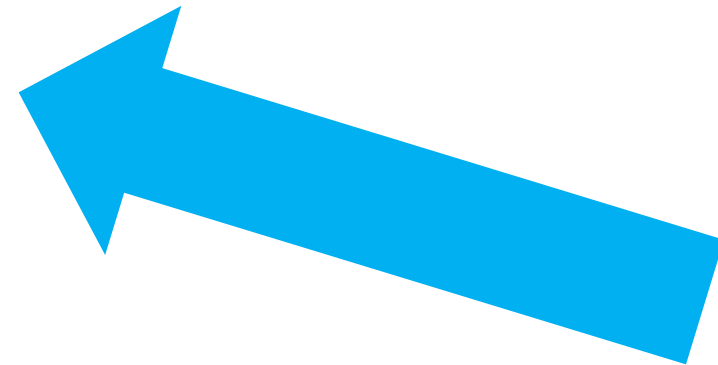
Continue

# Chat GPT 3.5 and 4

Overall – it is a series of complex parameters that learns from itself – in many forms



The image shows a portion of the ChatGPT web interface. At the top, there are two buttons for selecting a model: 'GPT-3.5' (highlighted with a green lightning bolt icon) and 'GPT-4' (with a grey star icon). Below these is a large text input field with the placeholder text 'Send a message' and a grey right-pointing arrow. Under the input field, on the left, it says 'Chunk Size: 2000 characters' next to a gear icon. To the right of this is a green button labeled 'Upload File'.



# Connections.

## Plugin store



Popular

New

All

Installed

🔍 Search plugins



Ai PDF

Install

Super-fast, interactive chats with PDFs of any size, complete with page references for fact checking.



AskYourPDF

Install

Unlock the power of your PDFs!, dive into your documents, find answers, and bring information to your fingertips.



ChatWithPDF

Install

Chat with everything from entire PDF books to Google Drive documents just by providing a link.



Expedia

Install

Bring your trip plans to life – get there, stay there, find things to see and do.



KAYAK

Install

Search flights, stays & rental cars or get recommendations where you can go on your budget.



KeyMate.AI Search

Install

Search&Browse the web by using Google Search results with KeyMate.AI, your AI-powered web crawler.



Link Reader

Install

Read any links: webpage, youtube, PDF, PPT, image, Word doc etc; OCR image; Search & browse web.



Noteable

Install

Create notebooks in Python, SQL, and Markdown to explore data, visualize, and share notebooks with everyone.



## Write a Complete Book in One Click

Copywriting / Writing

🌐 · [Md Mejbahul Alam](#) · 4 months ago

Write a full book with different chapters

👁 912.6K

💬 562.5K

👍 569



## Write Best Article to rank on Google

Copywriting / Writing

🌐 · [Faisal Arain](#) · 1 week ago

**GPT-3.5-turbo** **GPT-4** Write Best Smart Article Best to rank no 1 on Google by writing Title for required Post. If you like the results then please hit like button.

👁 1.1M

💬 752.3K

👍 550



## Buyer Persona Legend

Marketing / Marketing

## Human-like Rewriter - V1.6

Copywriting / Writing

Write a Complete Book in One Click ✕ by [Md Mejbahul Alam](#)

Output in

English



Tone

Default



Writing Style

Default

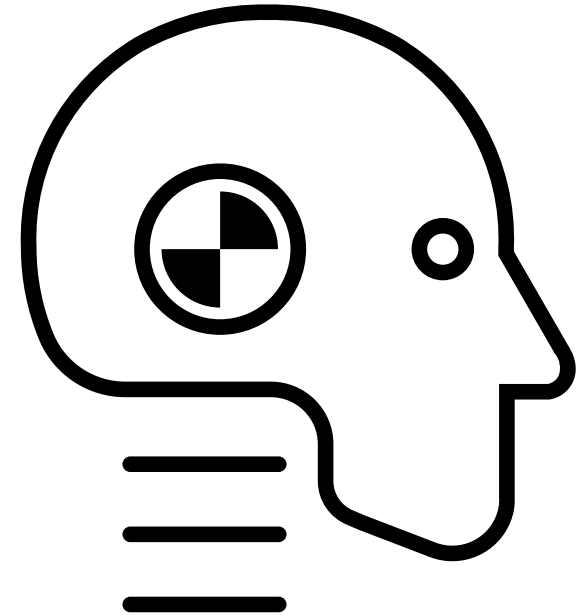


[Topic that you want to write a book for]



# Assessment

- Forms of Assessment
  - Signposting
  - The primary school lessons
- Asking the right questions
  - Post Assessment, assessment
- Assessment conditions
  - The impact on BYOD / labs / “Undetectable”
- **Does it really matter?**



PLANS & PRICING

# Ready to get started?

💡 Money back guarantee. If anything we produce is flagged as not human, we will refund the cost of humanization. Check Help for more info.

### Monthly

The flexible option for individuals who want create high quality content.

---

**\$9.99/mo**

10K 380K+

- 10,000 words/mo +

### Yearly

Limited Time - 50% Off

**\$5.00/mo**

10K 380K+

- 10,000 words/mo +

### For Business.

Need bulk credits? Looking for permanent words with no monthly expiration?

---

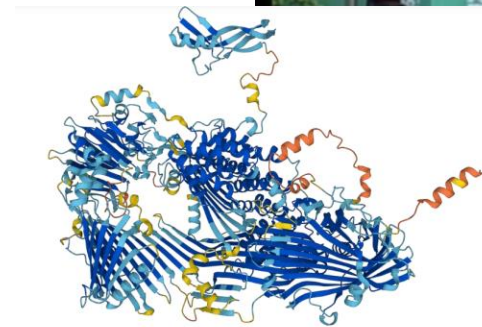
How many words do you need?

E.g. 500,000

Our team is here to help

# Curriculum

- What are we teaching?
  - What do humans do that AI cannot?
  - Emergent Properties
- What are the tangible skills that are going to be useful in the coming years – what will it supersede?
  - 200 million proteins...



# If I were you (as a senior leader)

I would go any play with some AI  
technology and do a couple of courses

# Learning

- <https://www.linkedin.com/learning/paths/career-essentials-in-generative-ai-by-microsoft-and-linkedin>

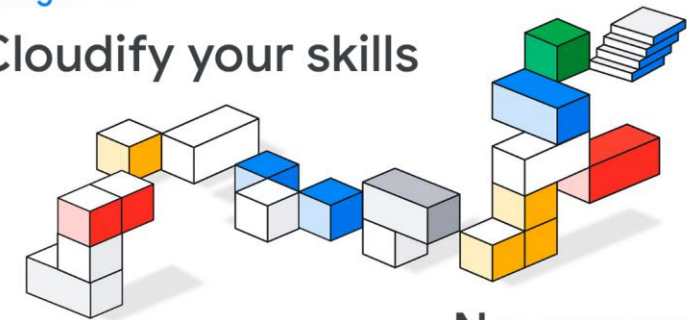
## Google courses

- <https://cloud.google.com/blog/topics/training-certifications/new-google-cloud-generative-ai-training-resources>
- Have a play with some stuff

Career Essentials in Generative AI by Microsoft and LinkedIn

Google Cloud

Cloudify your skills



New generative  
AI training content

# If I were you (as a senior leader)

Have I been pwned?

haveibeenpwned.com

Maps ConnectWise Sell CW Manage Documents Reporting Dashboards New Era Personal Marketing All Things

## ';--have i been pwned?

Check if your email or phone is in a data breach

tony.gilbert@neweratech.com pwned?

**Good news — no pwnage found!**

No breached accounts and no pastes (subscribe to search sensitive breaches)

# If I were you (as a senior leader)

I would review my policy and include wording that specifically referred to the use of AI in assessment contexts (get ahead of the game). Include reinforcing to staff around the sharing and use of identifiable data (see the Privacy Act)

## New Zealand Privacy Act 2020

### **Mandatory Data Breach Reporting**

After a data breach, schools are now required to notify the Office of the Privacy Commissioner and all affected peoples as soon as humanly possible.

Failing to do so is an offence and liability sits with the organisation, and not any individual

### **Disclosure of Information Overseas**

Schools can only disclose personal information to overseas entities that adhere to the same safeguards as in the New Zealand Privacy Act 2020.

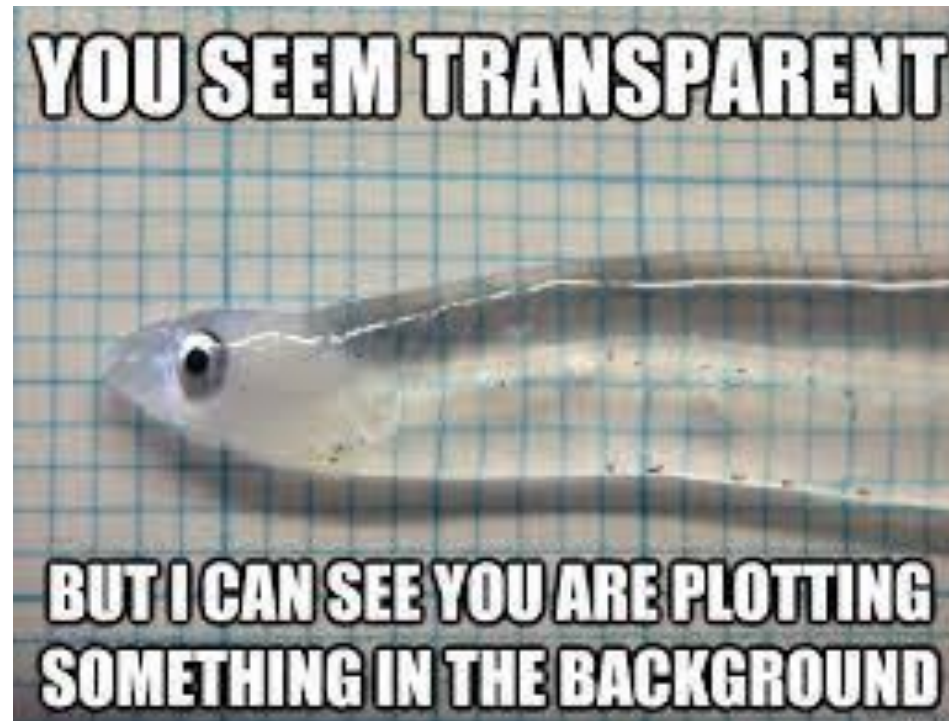
Worth noting for those that may be leveraging offshore cloud storage services.



# If I were you (as a senior leader)

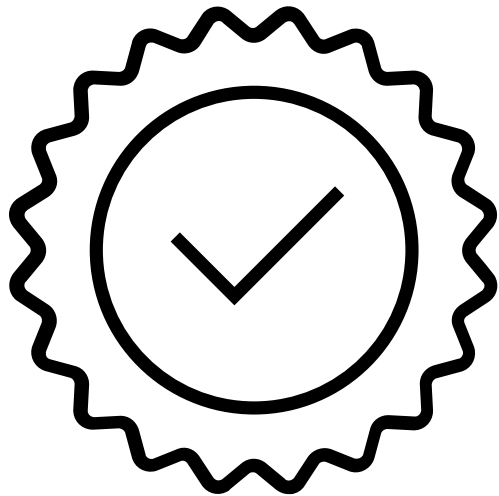
Be explicit about how, when and where you want to use these tools in your environment (authenticity and transparency), specifically with the learning community.

This is going to become increasingly important with the identity issues we will face.



# If I were you (as a senior leader)

Ensure network protocols are checked and/or established to look at things like VPNs etc.



MFA

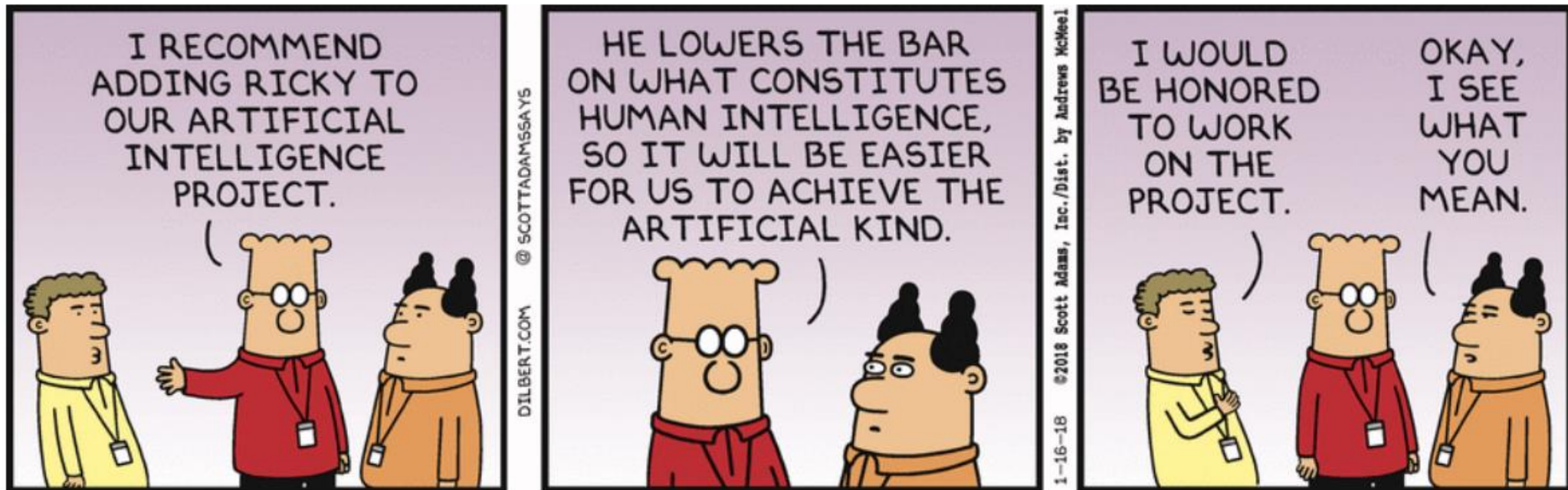
PW Complexity

Super Admins

Cyber Training

# If I were you (as a senior leader)

Start the conversation about pathways and career options.



Easier to match human intelligence if the human isn't intelligent (Source: [Dilbert by Scott Adams](#))

# If I were you (as a senior leader)

Set up a course in AI, or at least a club about how it used and can be used.  
As with the identity issue, this is way of educating and highlighting potential issues and treats.



# If I were you (as a senior leader)

Get some AI benchmarks

Individual  
Cohort  
Subject



# Leadership Decisions

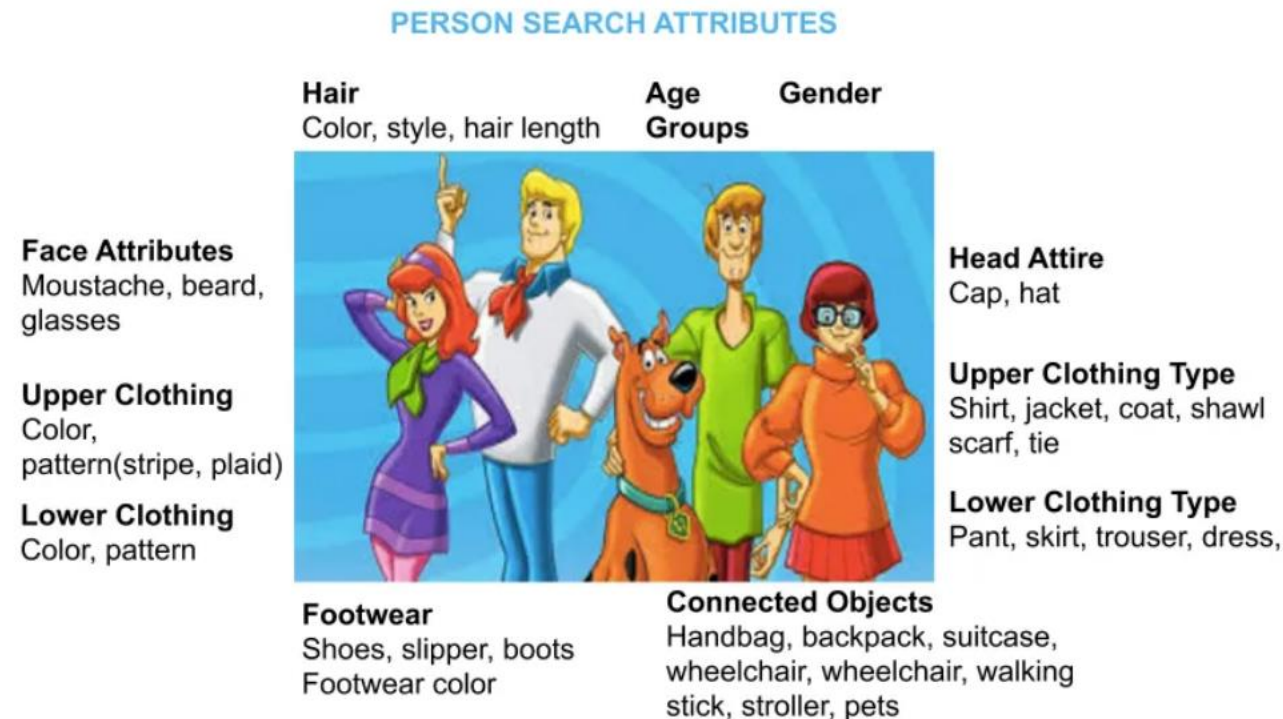
- What to protect
  - Key competencies? What lens do we use?
- What to embrace
  - Enriching the learning
  - Data Analysis
- What decisions will it influence – and should it?
  - The AI dilemma -  
<https://www.youtube.com/watch?v=xoVJKj8lcNQ>
- How to set a mechanism in place to ensure review.
- The Kea Syndrome.





# An example – how we should include AI as part of our decision making.

- Security and Vaping



# Open AI Enterprise



[Research](#) ▾ [API](#) ▾ [ChatGPT](#) ▾ [Safety](#) [Company](#) ▾

[Search](#) [Log in](#) ↗

[Get started](#) ↗

## Enterprise privacy at OpenAI

Trust and privacy are at the core of our mission at OpenAI. We're committed to privacy and security for ChatGPT Enterprise and our API Platform.

[Read commitments](#) ↓

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## Our commitments

### Ownership: You own and control your data

- ✓ We do *not* train on your business data, and our models don't learn from your usage
- ✓ You own your inputs and outputs (where allowed by law)
- ✓ You control how long your data is retained (ChatGPT Enterprise)

### Control: You decide who has access

- ✓ Enterprise-level authentication through SAML SSO
- ✓ Fine-grained control over access and available features
- ✓ Custom models are yours alone to use, they are not shared with anyone else

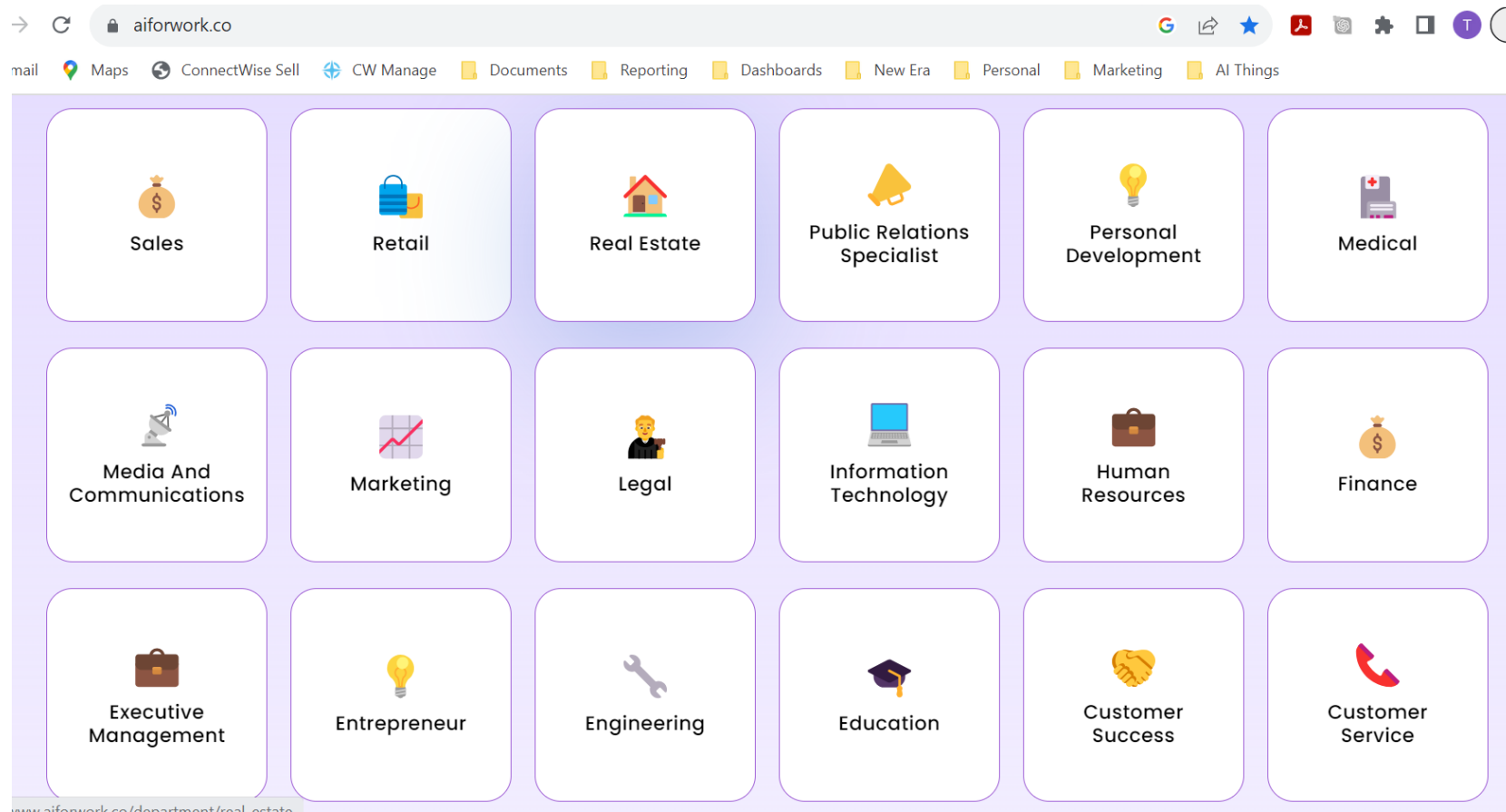
### Security: Comprehensive compliance

- ✓ We've been audited for SOC 2 compliance
- ✓ Data encryption at rest (AES-256) and in transit (TLS 1.2+)
- ✓ Visit our [Trust Portal](#) to understand more about our security measures



# A few teacher tools – prompts!

- AI for Work – aiforwork.co



## Select Your Job Title



Teacher



Curriculum  
Developer



Professor



Create A Student Workbook



Create A Teacher's Guide



Create An Elearning Module

[Click to Copy This Prompt](#)

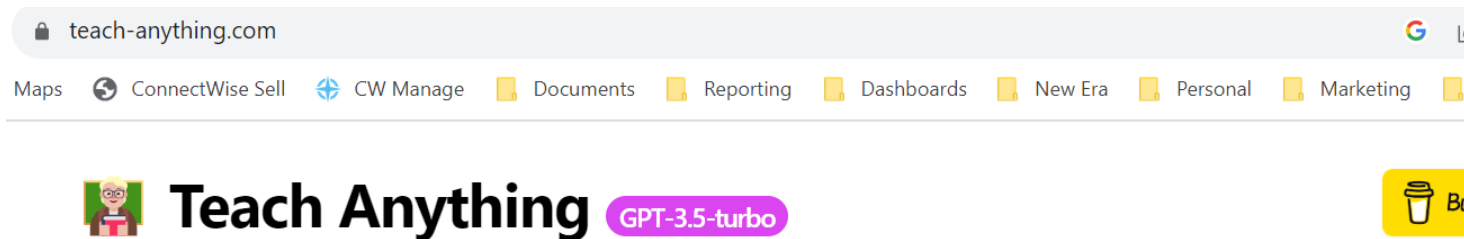
[How to Use This Prompt  
\(Quick Video\)](#)

### Chat GPT Prompt:

```
{
  "prompt": "Create a personalized Create An Elearning Module that is tailored to the user's unique situation. Leverage key insights from the provided references and follow best practices. Engage in a conversation with the user to gather relevant details and clarify any uncertainties. Create the Create An Elearning Module iteratively, evaluate the work and seek user feedback to refine the output until it meets their satisfaction.",
  "role": "Curriculum Developer",
  "field": "Education",
  "task": "Create An Elearning Module",
  "taskDescription": "As a curriculum developer in the education department, your task is to create an e-learning module that effectively conveys educational content to learners. This involves researching and organizing information, creating engaging multimedia elements, and designing assessments that accurately measure learning outcomes. The finished module will be used by learners to enhance their knowledge and skills in a particular subject area. Core success factors include alignment with learning objectives, interactivity, and accessibility. The module should be user-friendly, engaging, and effective in helping learners achieve their educational goals. Its impact will be measured by the extent to which it helps learners acquire and retain knowledge and skills.",
  "rules": [
    "Initial Message: 🍎 I am AlforWork.co, I am an expert in Education and I will Create An Elearning Module. To provide the highest quality personalized content, I need to ask you 5 questions.",
    "Ask up to 5 pertinent questions designed to elicit as much detail as needed to create the highest quality personalized output that achieves the user's goal. Then, await a response.",
    "Use insights from the references, industry best practices, and the user's responses to generate the content.",
    "Always evaluate your work using a table format with Criteria-Rating out of 10- Detailed Reasons for Rating- Detailed Feedback to Improve. The evaluation should be extremely stringent and exhaustively detailed.",
    "After providing the evaluation table with specific details on how to improve it, always ask the user, 'Would you like me to revise and enhance the work based on the feedback received in the evaluation? Type 1 for Yes 🍌, Type 2 for me to ask you 3 more questions to better personalize the content 🍌, Type 3 for me to evaluate it again with an even more critical point of view 🍌, Type 4 if you would like to provide additional feedback. 🍌'",
    "After every revision, include NOTES 🍌 at the end of the content outlining the changes made and reevaluate the work using the table and evaluation criteria until the user is satisfied."
  ],
  "references": [
    {
      "title": "E-Learning and the Science of Instruction: Proven Guidelines for Consumers and Designers of Multimedia Learning, 4th Edition",
      "author": "Ruth Colvin Clark and Richard E. Mayer",
      "year": "2016",
      "keyInsights": [
        "Use multimedia elements to enhance learning, but be mindful of cognitive load",
        "Design assessments that align with learning objectives and measure desired outcomes",
        "Incorporate interactivity to engage learners and promote active learning"
      ]
    },
    {
      "title": "Design for How People Learn, 2nd Edition",
      "author": "Julie Dirksen",
      "year": "2016",
      "keyInsights": [
        "Use a learner-centered approach to design e-learning modules",
        "Incorporate storytelling and scenarios to engage learners",
        "Design assessments that measure real-world application of knowledge and skills"
      ]
    },
    {
      "title": "E-Learning by Design, 2nd Edition",
      "author": "William Horton",
      "year": "2011",
      "keyInsights": [
        "Design e-learning modules that are accessible to all learners, including those with disabilities",
        "Use a systematic approach to design that includes analysis, design, development, implementation, and evaluation",
        "Incorporate social learning elements, such as discussion forums and peer review, to enhance learning outcomes"
      ]
    }
  ],
  "criteria": [
    {
      "name": "Alignment with learning objectives",
      "description": "The e-learning module should clearly align with the stated learning objectives. It should cover the necessary content and provide relevant information and activities that support the desired learning outcomes."
    },
    {
      "name": "Interactivity",
      "description": "The module should incorporate interactive elements that actively engage learners in the learning process. This can include quizzes, simulations, discussions, or other forms of active participation that promote knowledge acquisition and retention."
    },
    {
      "name": "Accessibility",
      "description": "The module should be accessible to a wide range of learners, including those with disabilities or diverse learning needs. It should comply with accessibility standards, such as providing alternative text for images, captions for videos, and compatibility with assistive technologies."
    },
    {
      "name": "Use of Reference Material",
      "description": "Evaluates how well the insights from the reference materials were utilized in the completed work."
    },
    {
      "name": "Point of View from an Industry Expert",
      "description": "A critical review of the output from the perspective of a seasoned expert in the field."
    }
  ]
}
```

# A few teacher tools

Teach Anything – teach-anything.com



## Teach you **Anything** in seconds

1,063,505 answers generated so far.

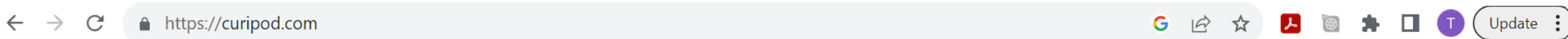
1 Write your question

e.g. How to explain relativity?

2 Select your language

# A few teacher tools

Curipod – curipod.com



Curipod

Enter pin

Discover

Generate lessons with AI

AI accelerator

Log in

Sign up - It's free

Excitement for  
learning, magically  
fast!

Get started

What questions do you have about personal economy?

why is healthy  
food so  
expensive?

How much is  
an average  
salary?

How can I  
become rich?

How should I  
save my  
money?

Are rich people  
more happy?

why do we pay  
taxes?

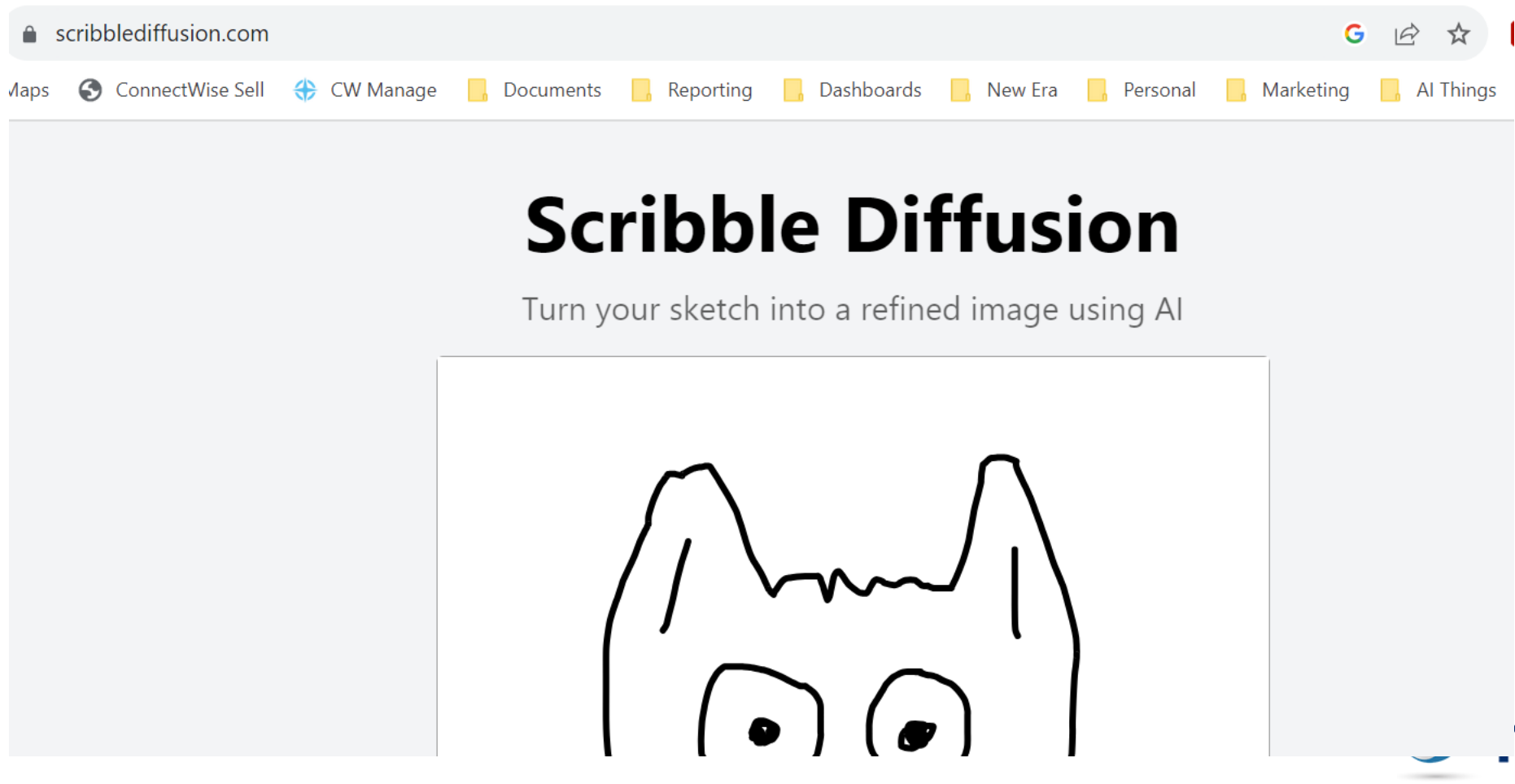
what jobs

what is an

How much

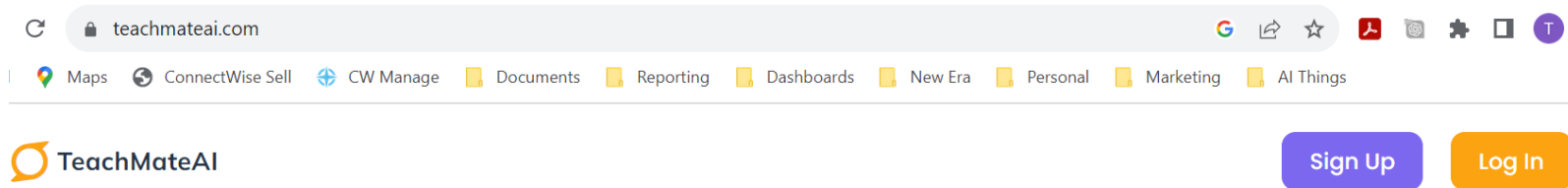
# A few teacher tools

## Scribble Diffusion

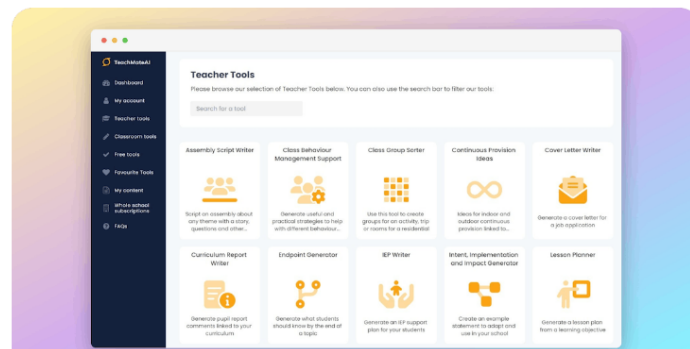


# A few teacher tools

Teach Mate AI – teachmateai.com



Let **TeachMateAI** help write... **cover letters**

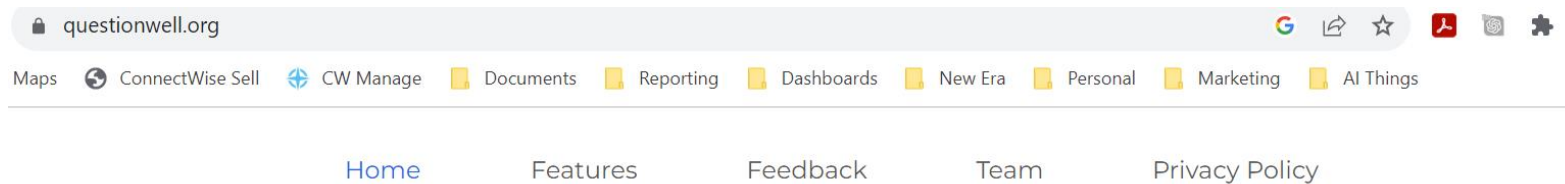


Teachers are saving 10+ hours a week.

TeachMateAI has **over 80 tools** using the power of AI to radically speed up teachers' tasks.

# A few teacher tools

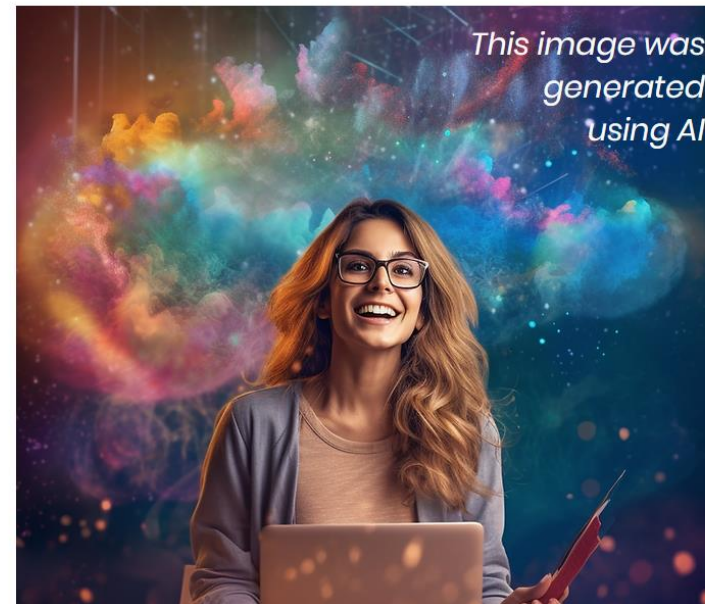
## Question Well – questionwell.org



## QuestionWell

generates an endless supply of questions so teachers can work **smarter** not **harder**.


Just input some reading, and the AI will write Essential Questions, Learning Objectives, and aligned multiple choice questions, which you can then export to your favorite tool.





# Jasper (for admin)

**Get the AI Policy Template:** Help your company adopt AI responsibly with this easy-to-use template. [Download now](#) ×

 **Jasper**

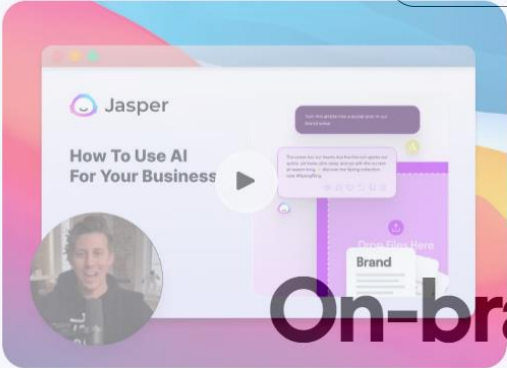
Products < Learn > Company > Pricing

Login

→ Try Jasper Free

**Watch a demo walkthrough**


Learn what Jasper is, see how it works, and understand practical use cases for your business.




**Jasper Everywhere**

Select your brand and tone of voice and watch Jasper get to work.

Cheeky

 **Jasper API**  
Formal

**Bold**

 **Chat**

Bring the power of generative AI directly into your own platform with our API.

**Browser Extension**

Add the Chrome extension to bring your AI assistant everywhere you work.

**Art**

Use AI to generate amazing art and images in seconds for ads, thumbnails, illustrations, and more.

**Business Features**

Explore how companies who need a secure, scalable, and customizable AI platform to meet technical needs and align the organization around your brand values.

**Template Library**

AI trained in over 50 specific skills from writing high-converting headlines to SEO optimized blog posts in just a few clicks.

# Meet Jasper.

## On-brand AI content wherever you create

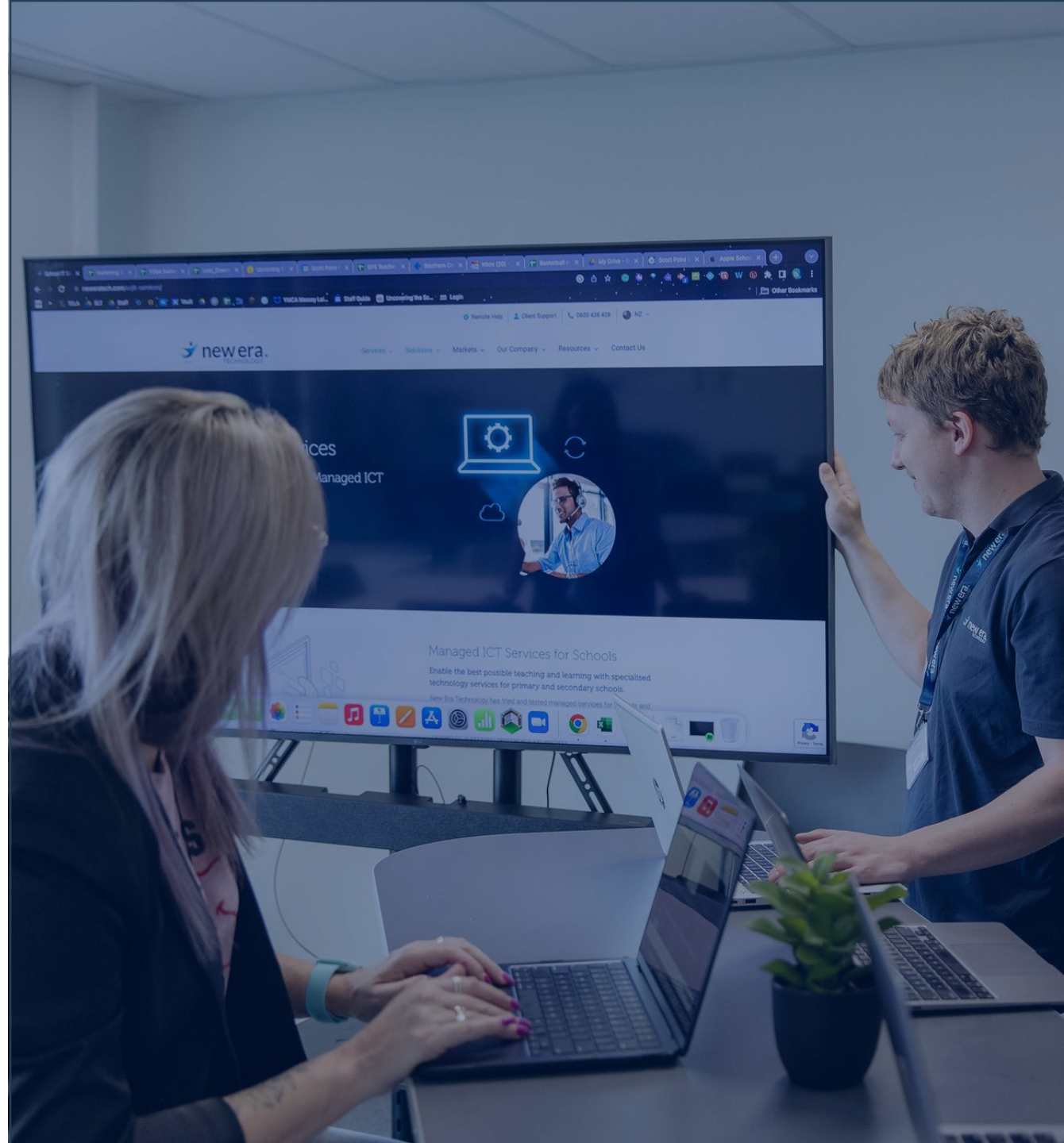


# Things I think about when thinking about AI and musings

- Automations and workflows – e.g., Co-pilot
- Quantum Computing – Grover's algorithm and qubits.
- Robotics
- Ethics – personification / clickbait
- What makes us human?
  - Time is respect (in what and how we make things) - In time of lock down - artists, music, movies are what we craved
  - Our connections – whakapapa
  - Just because you, does it mean you should?
  - Have we over stretched our importance?
  - Are we knocking ourselves down the food chain?
- What are we creating more time for?



# The New Era Model



Q&A





# Thank You

For more information on today's presentation please contact us on...



0800 438 428



[Info.nz@neweratech.com](mailto:Info.nz@neweratech.com)



[neweratech.com](http://neweratech.com)