



# Artificial Intelligence and Schools

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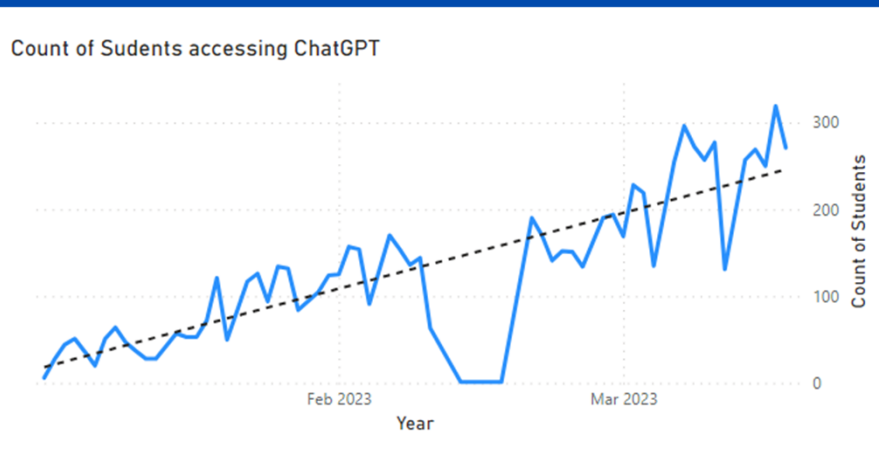
[www.techandlearning.wordpress.com](http://www.techandlearning.wordpress.com)



MILLFIELD

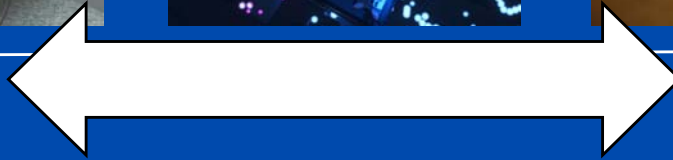
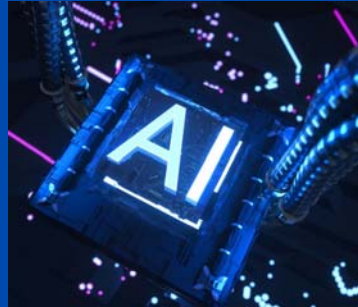
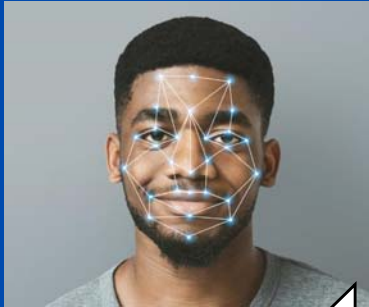
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# Student Use



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## AI and AI and AI



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## Human Level AI

### When will there be a 50% chance that Human-level Artificial Intelligence exists? Our World in Data

Timelines of **356 AI experts**, surveyed in **2022** by Katja Grace and colleagues.

The experts were asked when unaided machines will be able to accomplish every task better and more cheaply than human workers.

Each line represents the answer of one expert

90% of the 356 experts gave a date within the next 100 years.

Half of the experts gave a date before 2061

2020 2030 2040 2050 2060 2070 2080 2090 2100 2110 2120 2130 2140 2150 2160

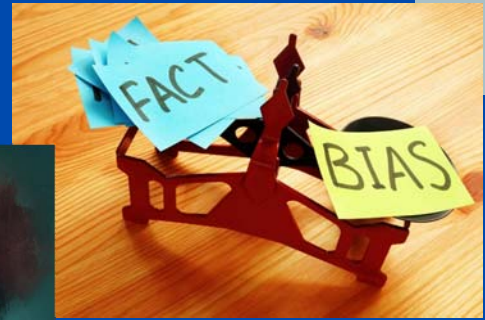
- 5% gave answers for dates later than 2160.
- 1.1% said it will never exist.

Data from Zach Stein-Perlman, Benjamin Weinstein-Raun, Katja Grace – 2022 Expert Survey on Progress in AI.

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## Benefits / Challenges



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## Challenges in Education

**59%**

of staff have considered leaving the sector in the past academic year due to pressures on their mental health and wellbeing

**68%**

of staff cited volume of workload as the main reason for thinking about leaving their jobs

[Teacher Wellbeing Index 2022, Teacher Support, Nov 2022](#)

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# Administrative Tasks

Create a policy, lesson plan, unit outline  
Translate a document  
Simplify/Summarise a policy/process  
Marking  
Parental Reports  
Create a transcript



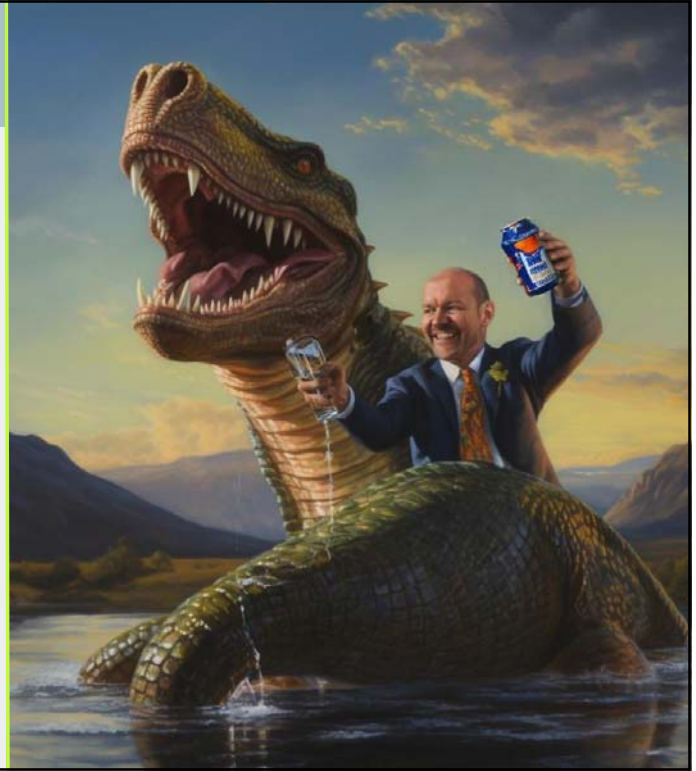
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In the realm of knowledge, AI takes flight,  
Guiding teachers with wisdom, shining light.  
With algorithms **to aid**, their burden grows lighter,  
**Together** they sculpt minds, futures ever brighter.

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# Democratising creativity

Artist  
Musician  
Wordsmith  
Videographer  
Poet



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# Your AI appetite



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# Short term

## AI Policy / Guidelines

- Legal
- Ethical
- Aligned
- Considered
- Reviewed

Awareness (Staff and Students)  
Explore and Experiment with AI



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# Beyond the short term

Students outside a school three years into the future



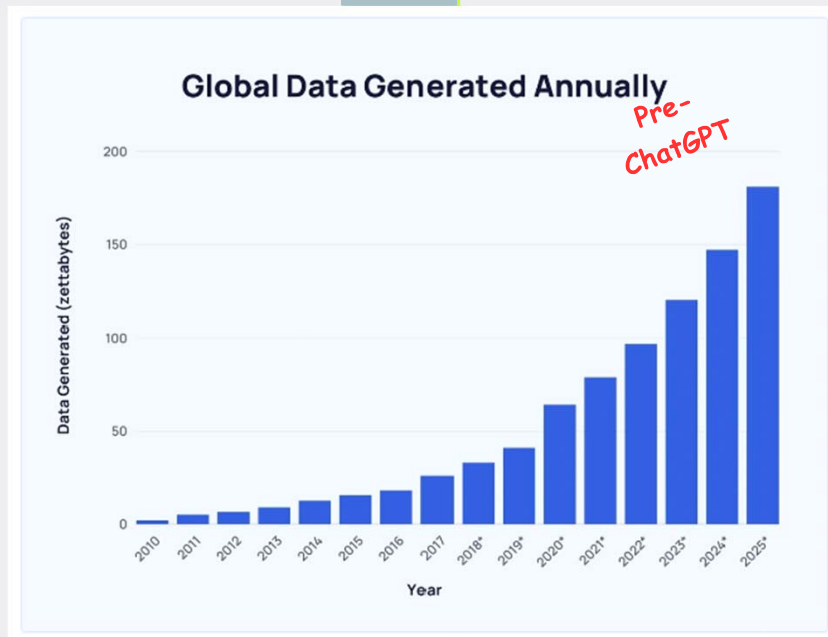
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# Originality?

"Starry night in the style of Michael Angelo"



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# Accessing Education



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# Personalised Learning

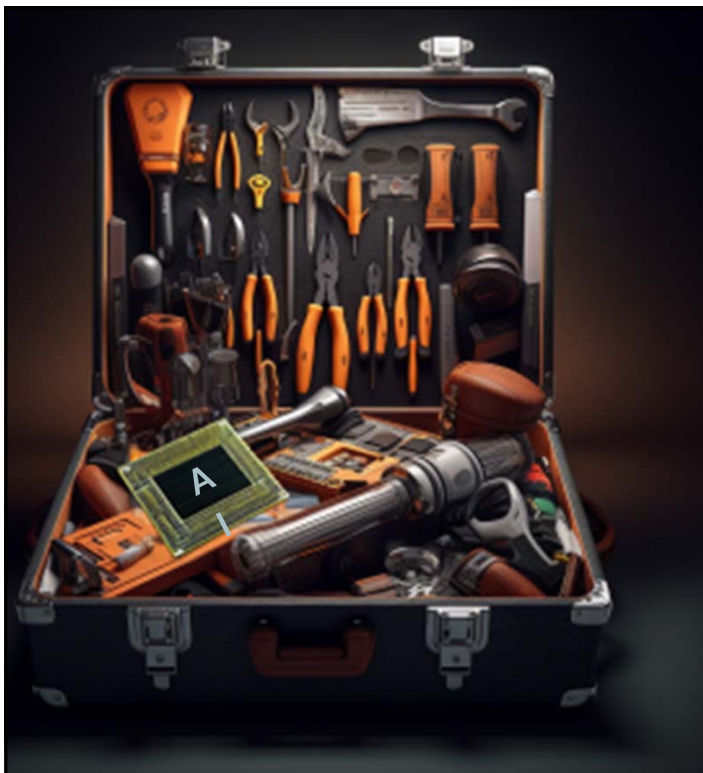


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**THE BIGGEST JOKE  
ON MANKIND IS  
THAT COMPUTERS  
HAVE STARTED  
ASKING HUMANS  
TO PROVE THAT  
THEY AREN'T A ROBOT**

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## AI in your toolbox

What are you got to do today,  
tomorrow and this term?

How are you starting to consider and  
prepare beyond the short term?

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# The singularity



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# Acknowledgements



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# Questions