



Premier Partner





Adaptive Learning with Google in the Age of Al



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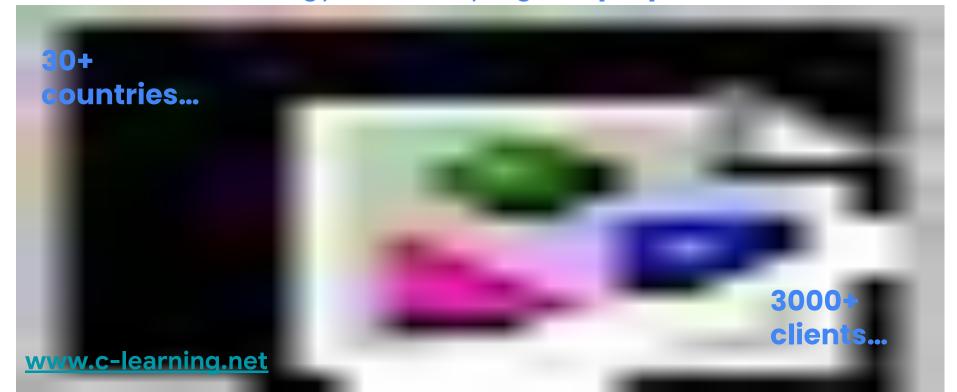
CEO







We believe the future will be **sustainable** or not at all, & we're leaders in technology that's helping this **purpose**.



24 years 4 September 1998



c-learning





Technology alone will not improve education, but it can be a powerful part of the solution."

- Sundar Pichai, CEO, Google





We want to use AI to augment the abilities of people, to enable us to accomplish more and to allow us to spend more time on our creative endeavors.



Jeff Dean Google Chief Scientist













Google is a learning company









Helping everyone in the world learn anything in the world.







learning.google



3 billion

people use Google Workspace, including businesses, education, and consumers.

Right now, we're helping

6 million

businesses move into the future.





In today's changing landscape, technology influence touches everything on campus



Technology is changing



Students are changing



Institutions are changing

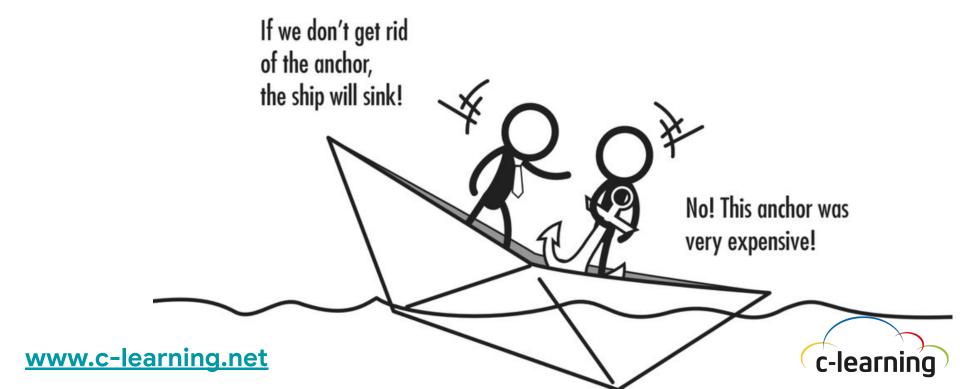


How we teach is changing



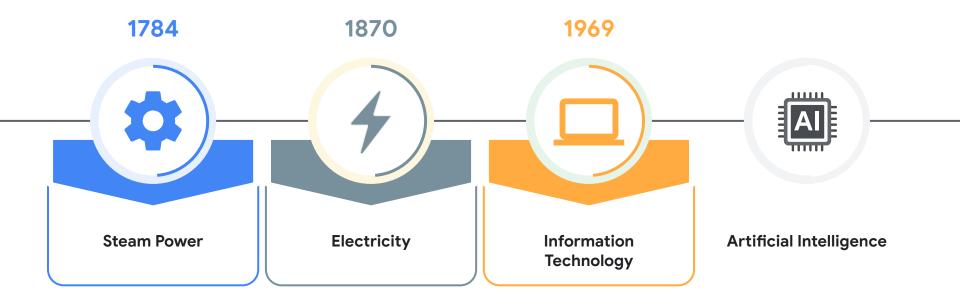
What we learn is changing

Continual disruption is now business as usual, but the sunk cost fallacy is a powerful thing..



We're in an Al-driven revolution





Confused about Al? Al is learning too....

(Al powered photo stitch failure...)





Al likes to party.... Alexa likes to play music at 2:30am really really loudly...

(Hamburg police raided a home at 2:30am after neighbours demanded the party was closed down. Only Alexa was home...)









Use AI wisely, and carefully.



Professor Flunks All His Students After ChatGPT Falsely Claims It Wrote Their Papers

Texas A&M University-Commerce seniors who have already graduated were denied their diplomas because of an instructor who incorrectly used AI software to detect cheating

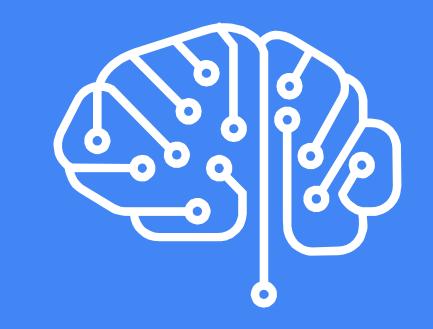
BY MILES KLEE



Al and Machine Learning

A.I. is the science of making things smart

Machine learning is a technique used to develop A.I.



Google for Education www.c-learning.net

Google is the Pioneer in Al







2016 Google's DeepMind Health helps detect eye disease



2017 Google invents the Transformer kickstarting the LLM revolution.



2018 The world's first language model, Google's BERT.



2019

(Text-to-Text Transfer Transformer) Large Language Encoder-Decoder Model 10-billion parameter model Open Sourced by Google



2020

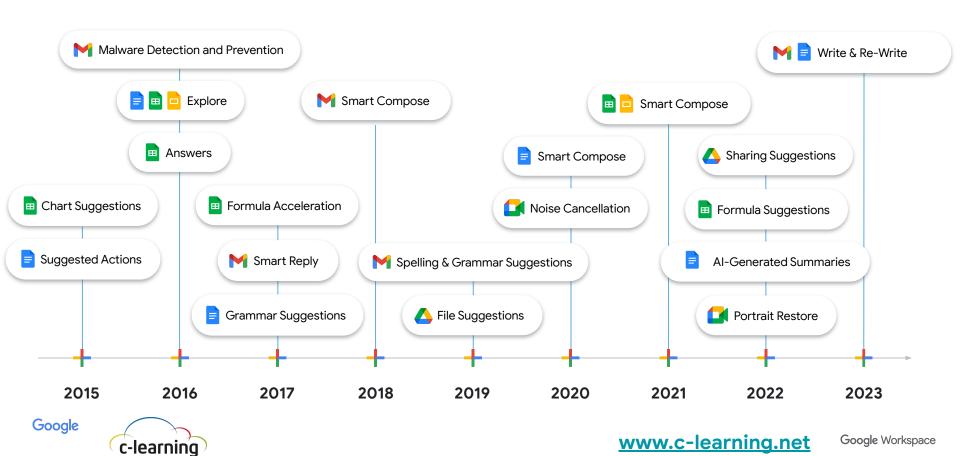
LaMDA (Language Model for Dialog Applications) Model trained on dialogue data Model could talk about virtually anything Published by

Google



2022 AlphaFold Predicts structures of all known proteins

We've put AI to Work for 3 Billion Users in Google Workspace







More personal learning



More collaborative and accessible classrooms



Safer digital learning environments



teacher, College staff &

A new breed of student...

the cloud worker (7.25 million people in the UK now work in the 'gig economy'.)



Expects to work securely from any device or location



Values speed, convenience, collaboration and fluidity of work



AI is used in our everyday lives with Google products



Asking Google Assistant today's weather



Unlocking your phone with facial-recognition technology



Opening Google Maps to find the most efficient route to your destination



Communicating with others that have a different native language using Google Translate



Listening to a YouTube playlist of your favorite songs





Developing Al for a more equitable world.









We believe AI technology can help provide scaled, individualised support to enhance education because

teaching and learning are personal journeys.



We recognise that the use of AI technology in education can raise important challenges and we aim to address those thoughtfully.

With our adaptive learning technology, we're committed to delivering edtech tools that are built responsibly.



Your privacy is protected by responsible data practices, and we stay up to date with evolving legislation.

Privacy 7

We're guided by AI principles to build tools that are human-centered, and designed to help students and teachers in their daily lives.

Responsibilities 7

Our technology is built with multilayered safeguards and never stops protecting your digital safety.

Safety 7





Adaptive learning is predicted to become the future of education



Adaptive learning....

"Adaptive learning refers to a teaching method that adapts to the needs of each individual learner, adjusting the pace and difficulty of instruction to optimise the learning experience."

Adaptive learning can power student potential







Personal learning

Make each lesson more personal.

Instructional impact

Amplify educator impact.

Scaled support

Scale secure learning tools to every student.



How AI is helping...

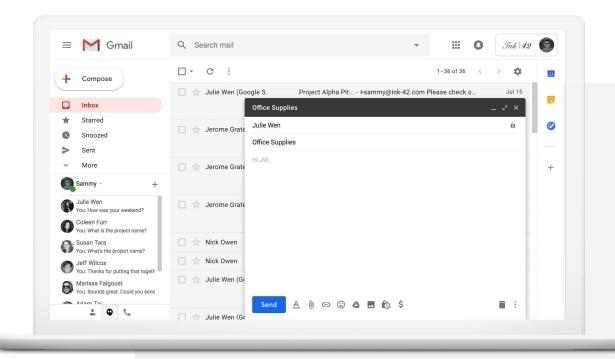








Helping us finish sentences







Helping us preserve memories. (Just search with natural language...)





Google for Education





Build stronger connections

Powered by AI, noise cancellation reduces distractions







quickdraw.withgoogle.com

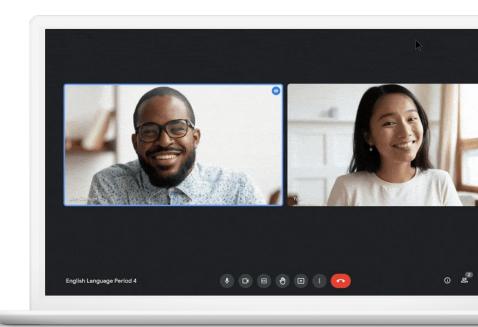




Build stronger connections

Expand participation with live-translated captions

- Remove language barriers with live-translated captions
- Enable students, guest speakers, and educators with different native languages to engage more easily
- Available from English into Spanish, Portuguese, French, and German

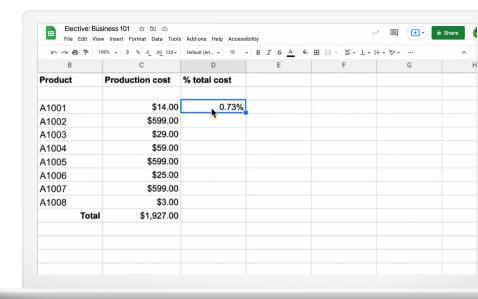




Enrich experiences

Writing tips in Docs and assisted analysis in Sheets

- Help guide students' writing with warnings about offensive language and stylistic suggestions in Docs. Admins can easily turn this off in the Admin console.
- Reduce the fear of doing analysis with formula suggestions in Sheets.







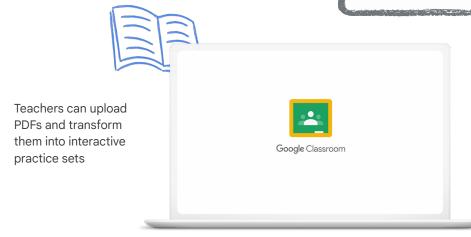
Google Workspace for Education

Power student potential with practice sets

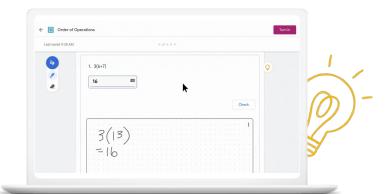
Transform new and existing content into personalised and interactive assignments in Classroom.



And now, share practice sets with other educators in your district



Students get real-time feedback and in-the-moment hints

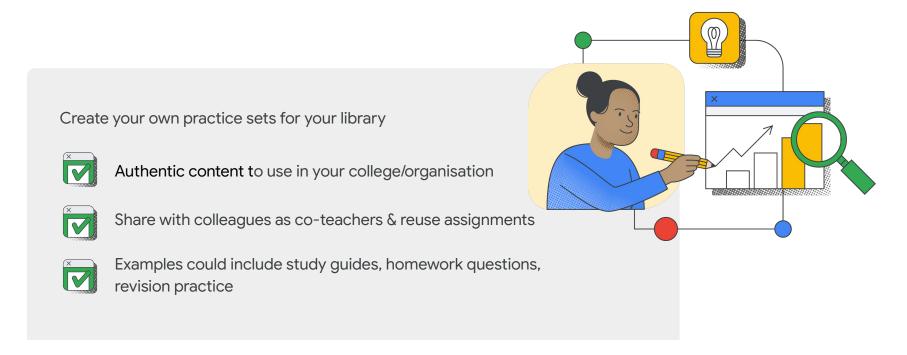




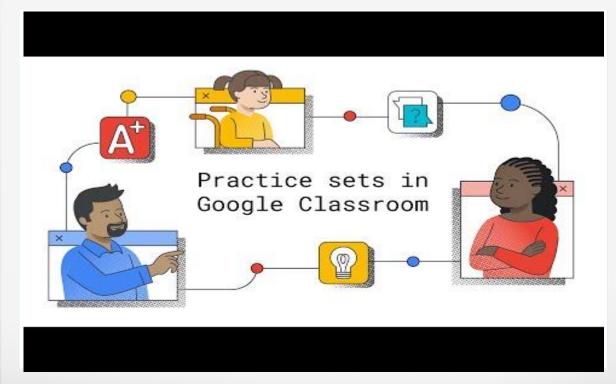




Uses of practice sets







www.c-learning.net

ChatGPT launched Nov 2022.

Right now, more than 1 billion users, but it wasn't built for education.









Introducing Bard, an experimental convers powered by LaMDA	sational Al service
You can use Bard to —	
What's on your mind?	▶)



Have you met Google Bard?



A new era for Al and Google Workspace











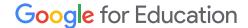


Google for Education



Here are some ways that Google Bard can help teachers:

- Create engaging lessons. Bard can help teachers create engaging lessons by providing them with
 access to a wealth of information and resources. For example, Bard can be used to generate creative
 content, like poems, stories, and code. Bard can also be used to answer students' questions in an
 informative way, even if they're open-ended, challenging, or strange.
- Personalise learning. Bard can help teachers personalize learning by tailoring lessons to the
 individual needs of each student. For example, Bard can be used to generate different versions of a
 lesson, each with a different level of difficulty. Bard can also be used to provide students with
 feedback on their work, which can help them improve their understanding of the material.
- **Provide administrative support.** Bard can help teachers with administrative tasks, such as grading papers and creating lesson plans. For example, Bard can be used to generate rubrics to evaluate student work, and it can also be used to create transcripts of student conversations.





We believe that advances in technology can help create a future in which learning is personal, flexible, and accessible, and teachers get time back.







Start your journey with Google and adaptive learning.

Scan the QR Code.







Before we wrap up...
We don't like to make predictions but....

We'd like to leave you with one final thing.

MERLYN MIND Meet Merlyn Research Product About

Alfor Education

Education-specific large language models.
A safe, hyper-local AI platform.

Natural language voice computing.

Welcome to the next great leap in teaching and learning.



Some of the current pioneers....















www.c-learning.net





Special offer for the BLC community today.

Al in a box with Merlyn Mind, set up, support, impact.

Scan the QR code to get started or follow this link https://tinyurl.com/vvaubnna



www.c-learning.net



Thank you



Jamie Smith

Executive Chairman

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Steven Hope

CEO

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