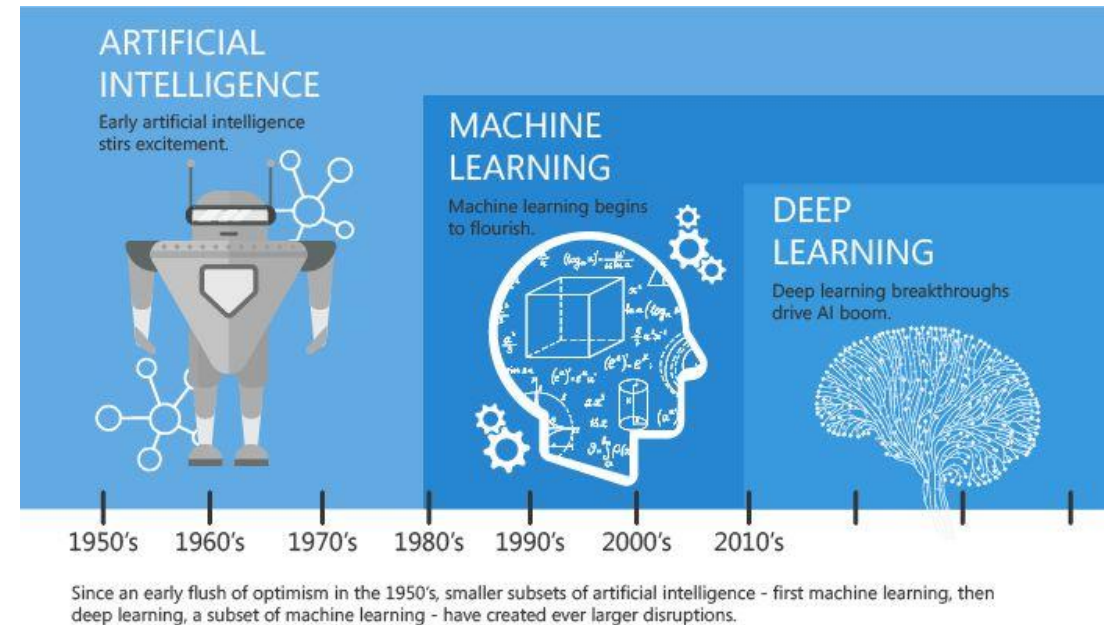# Useful Resources

KA1 Training – Nicosia, Cyprus

Artificial Intelligence

- Artificial Intelligence (AI) is designed to think and learn like humans. It allows computers to solve problems, make decisions, and adapt to new information.

- AI is now part of everyday life, from virtual assistants and chatbots to self-driving cars and smarter apps.

- In education, it helps teachers by personalizing lessons, automating tasks, and creating more engaging learning experiences.

- By using AI, we can make learning **easier**, **more fun**, and **better** suited to each student's needs, while preparing them for the future.
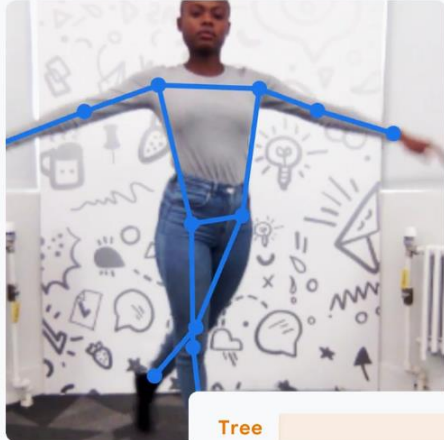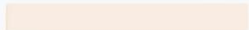

ARTIFICIAL INTELLIGENCE
Early artificial intelligence stirs excitement.

MACHINE LEARNING
Machine learning begins to flourish.

DEEP LEARNING
Deep learning breakthroughs drive AI boom.

1950's 1960's 1970's 1980's 1990's 2000's 2010's

Since an early flush of optimism in the 1950's, smaller subsets of artificial intelligence - first machine learning, then deep learning, a subset of machine learning - have created ever larger disruptions.

Let's train an AI model

https://teachablemachine.withgoogle.com/

Can you draw? AI will tell us the truth !

- Can you draw it right?
https://quickdraw.withgoogle.com/

- Create your drawing
https://www.autodraw.com/

- Can we make it dance?
https://sketch.metademolab.com

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AI tools for video, audio & visual products

DALL-E3

- DALL·E 3 is an AI system that can create realistic images and art from a description in natural language.
- DALL·E 3 understands significantly more detail than the previous systems, allowing you to easily translate your ideas into exceptionally accurate images.

https://openai.com/index/dall-e-3/

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AI tools for video, audio & visual products

ElevenLabs

- The ElevenLabs voice generator can deliver high-quality, human-like speech in 32 languages. Perfect for audiobooks, video voiceovers, commercials, and more.
- Create the most realistic speech with our AI audio platform

IIElevenLabs

https://elevenlabs.io/

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AI tools for video, audio & visual products

Suno

- Suno AI, or simply Suno, is a generative artificial intelligence music creation program designed to generate realistic songs that combine vocals and instrumentation

https://suno.com/

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AI tools for video, audio & visual products

•With HeyGen, choose from 100+ AI avatars covering different ethnicities, ages, and poses. Type the scripts, and create a spokesperson video with perfect lip-syncing in minutes.
•Face swap videos made easy. Simply upload your photo and swap your face onto the AI avatar.
•You can create talking photos, just upload a portrait photo and type the text. Free and unlimited for everyone!

HeyGen

https://www.heygen.com

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AI tools for video, audio & visual products

Lazybird

- Generate realistic AI voice over in just a few clicks with more than 200 voices and 100+ languages.
- Allows you to switch voices, tones, and accents, bringing a diversity of sounds to your content.
- Easy to use. Just type, select your voice settings, and click generate.

https://studio.lazybird.app/

AI tools for video, audio & visual products

- Simpleshow gives you the power to create simple and engaging videos with an easy-to-use, AI-powered video maker platform.
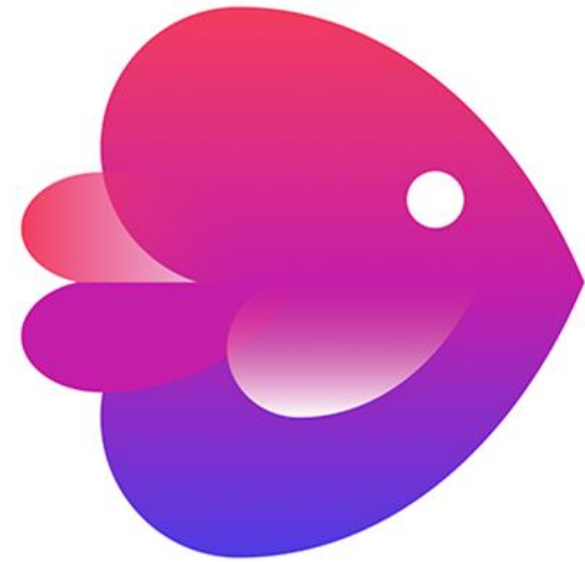
Simpleshow

https://simpleshow.com/

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AI tools for video, audio & visual products

Invideo.io

- Publish-ready videos with zero video creation skills.

- Type any topic and invideo AI creates a video with script, visuals, subtitles, voiceover & music.

https://ai.invideo.io/

Useful AI tools for creative problem solving

ChatGPT

- Good at generating lists of ideas

- You can ask the AI follow-up questions to stimulate new thoughts

- You can use generative AI to provide the initial idea upon which you will build

https://chatgpt.com/

Introduction to DeepSeek

- DeepSeek is an advanced AI model designed for natural language understanding and generation.

- Developed by DeepSeek AI, focusing on multilingual capabilities and advanced reasoning.

- Strong performance in **translation**, **content creation**, and **coding assistance**.

- Competes with top-tier models like ChatGPT and Gemini.

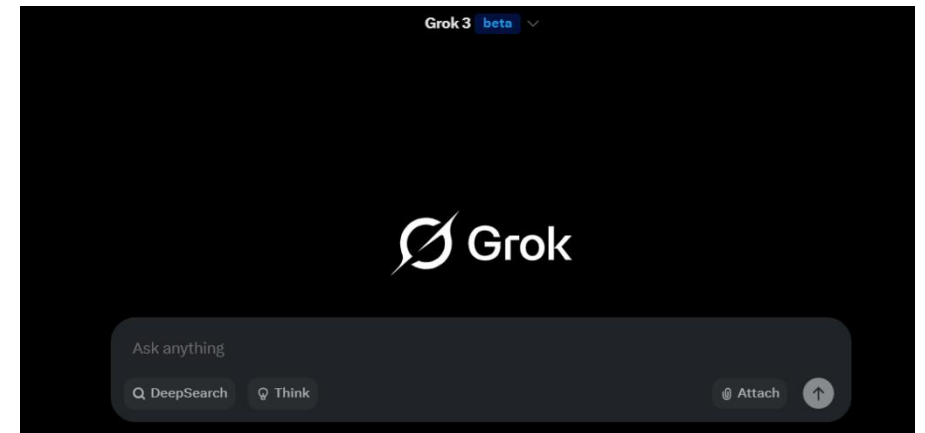**Deep Seek**

https://www.deepseek.com/

Introduction to Grok-3

- Grok-3 is an AI model developed by xAI.

- Integrated with X (formerly Twitter) for AI-powered insights and **real-time assistance**.

- Designed for conversational AI, reasoning, and problem-solving.

- Aims to provide more open and uncensored AI responses.

Grok

https://grok.com/

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Useful AI tools for creative problem solving

•Gemini is a powerful artificial intelligence (AI) model from Google that can understand text, images, videos, and audio.

• As a multimodal model, Gemini is described as capable of completing complex tasks in math, physics, and other areas, and understanding and generating high-quality code in various programming languages.

Gemini

https://gemini.google.com/

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Useful AI tools for creative problem solving

PopAi

•PopAi is an AI tool offering versatile conversational experiences, available 24/7, with support for 200+ languages.

•It caters to personal and professional needs, adapting to educational queries, technical support, and creative idea sparking.

https://www.popai.pro/
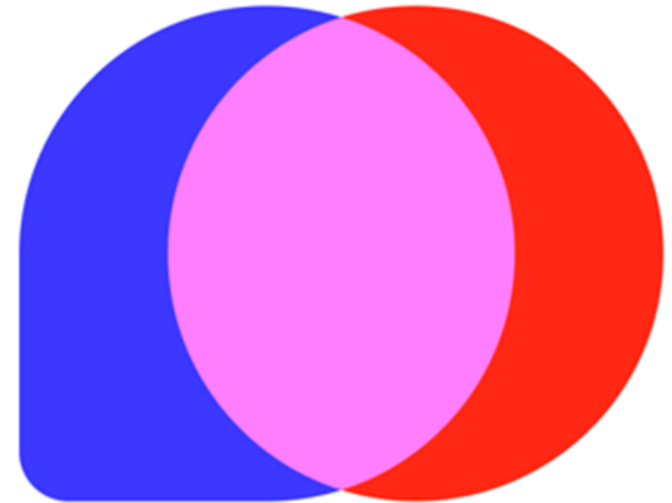
AI tools for teachers' work

•justdone
Plagiarism detector, Text Humanizer, AI Detector, Paraphraser, Grammar Checker, Image Generator, and more
•Make AI text to humanized text

https://justdone.ai/

AI tools for teachers' work: Comprehensive platforms

•**Eduaide.ai**
Function: Generate lessons, assessments, activities, rubrics, worksheets, debates and much more
•Price: Freemium, free with a limit of 300 content generations per month

https://www.eduaide.ai/

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AI tools for teachers' work

•**Magicschool.ai**
a set of tools for assisting teachers with different tasks, allowing them to save up to 10 hours a week.
•It offers a free version (60+ AI tools to help you lesson plan, differentiate, write assessments, write IEPs, communicate clearly, and more.), educational chatbot, Chrome extension.

https://app.magicschool.ai/

AI tools for teachers' work: Grammar

•**Grammarly** is your online writing assistant. Using artificial intelligence, it helps you compose bold, clear, mistake-free writing.
•It can work inside your email client, your productivity suites, and even your social media. Grammarly's AI checks grammar, spelling, style, tone, and more.

https://app.grammarly.com/

AI tools for teachers' work: Interactive presentations

•**Gamma**
Easy to create presentation completely AI generated or starting from your files or text.
•You can use several features in the free version, but no more than ten slides, and you only get 400 credits on signup, which is good for about 10 created presentations.

https://gamma.app/

AI tools for teachers' work: Assessment and Feedback

•The **Gradescope** AI tool enables students to assess each other while providing feedback, which are often time-consuming tasks without AI technology.

https://www.gradescope.com/

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AI tools for teachers' work: Assessment and Feedback

- **gotFeedback** helps teachers provide more individualized feedback to their students in a timely way.
- It's modeled on the research that feedback needs to be goal-referenced, tangible and transparent, actionable, user-friendly, timely, ongoing, and consistent.


https://feedback.gotlearning.com/

AI tools for teachers' work: Interactive quizzes

- **Quizgecko**
Generate sharable quiz that every student can take from their device
- Works in many languages
- Generate starting from a topic, a link or a subject description
- You can chose the difficulty of the questions and the type of questions

https://quizgecko.com/

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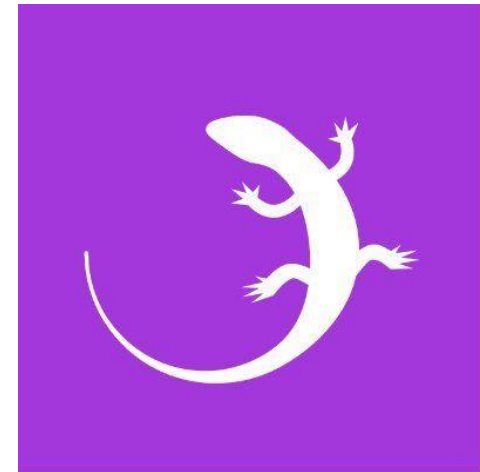
AI tools for teachers' work: Interactive quizzes

•**Yippity**
It will convert any text or any website into a quiz automatically.
•It creates questions and answers based on the text submitted, which can be copied and pasted into a flashcard app or quiz tool.
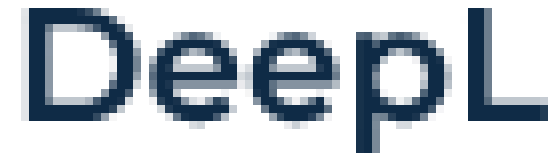

https://yippity.io/

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AI tools to enhance communication

DeepL

- DeepL Translator is a **neural machine** translation service that was launched in August 2017.

- It initially offered translations between seven European languages and has since gradually expanded to support 33 languages.

https://www.deepl.com/en/translator

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AI tools to enhance communication

BoldVoice

- The BoldVoice Accent Oracle is the most accurate AI-powered accent detection tool available.

- Try our free accent checker to analyze your English pronunciation and discover your test results instantly.

https://start.boldvoice.com/accent-guesser

AI tools to enhance communication

Quill

- Quill provides **free literacy activities** that build r**eading comprehension**, **writing**, and **language skills** for elementary, middle, and high school students.

- Currently, there are 817 independent practice activities, 16 diagnostic assessments, and 43 collaborative full-class lessons

https://www.quill.org/teachers/classrooms/dashboard

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AI tools to enhance communication

Trinka

- Trinka is an AI-powered **writing and grammar checker tool** tailored for academic and technical writing.

- It offers a suite of features including **advanced grammar checks, plagiarism detection**, **paraphrasing, consistency checks**, and **writing enhancement suggestions**.

https://www.trinka.ai/

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