TeachBetter.ai

Getting started with AI in Education

## A comprehensive guide for teachers

AI in Education: Research

500+ Educators Surveyed to understand the key applications of AI in education.

Top 5 use cases where AI is driving the most impact in classrooms: Personalized Learning, Automating Administrative Tasks, Enhanced Teaching Outcomes, Improving School Efficiency and Bridging Accessibility Gaps

Research confirms that AI addresses key educator challenges by enhancing teaching efficiency, personalizing learning, and automating administrative tasks, enabling greater focus on student growth.

Top 5 use cases of AI in Education

Use Case	Percentage
Personalized Learning	72%
Automating Administrative Tasks	54%
Enhancing Teaching Outcomes	44%
Improving School Efficiency	28%
Bridging Accessibility Gaps	22%

(Chart axis: 0% 10% 20% 30% 40% 50% 60% 70% 80%)
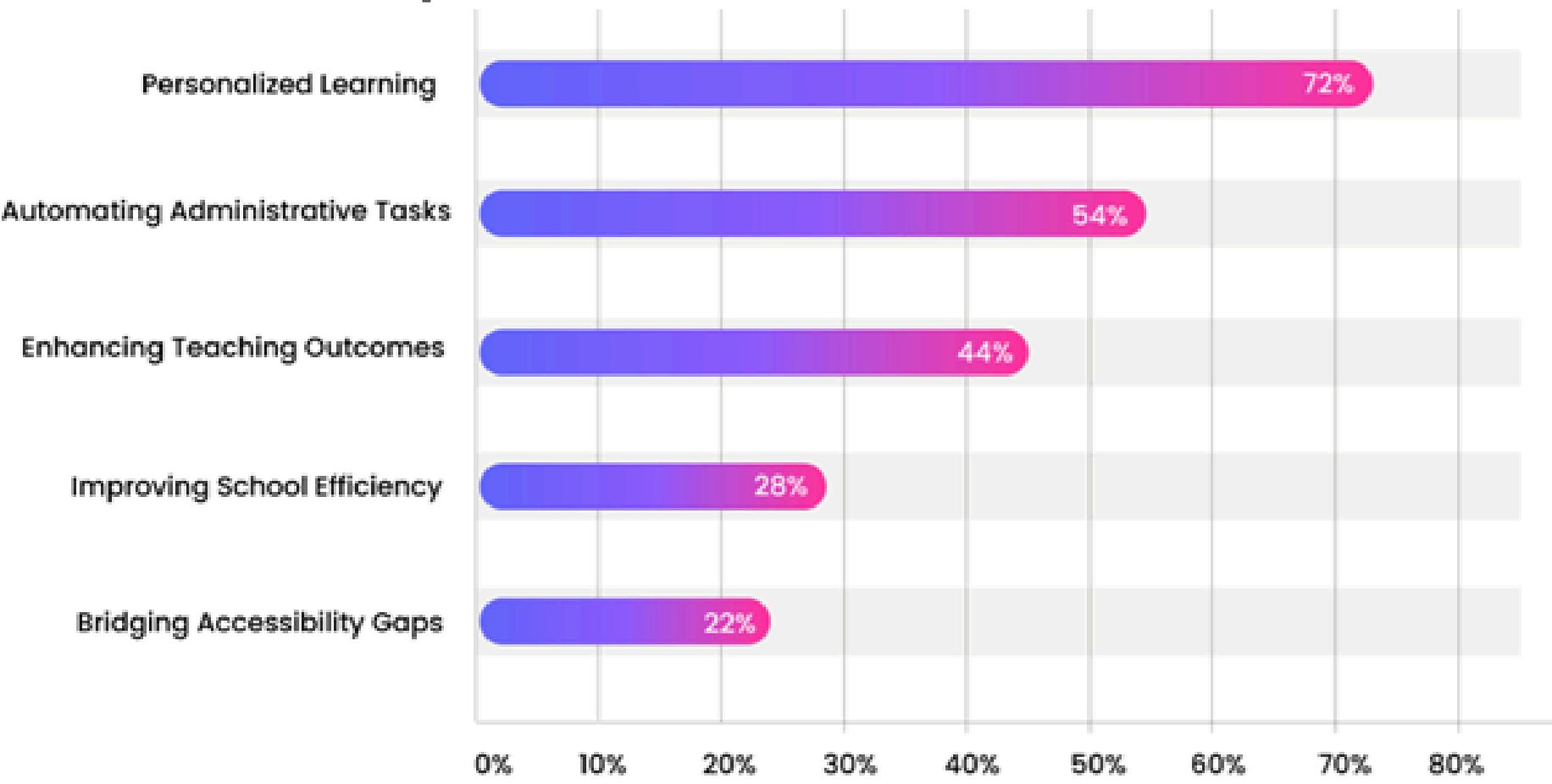
AI Adoption Surge
More than 50% teachers have integrated AI into your classroom to improve and streamline your daily teaching responsibilities

50%

55%

AI Boosts Outcomes
55% of teachers believe that AI has improved educational outcomes in the teaching and learning process in classrooms.

Download: AI in Education Report: 2025

Reimagining Education with AI

Revolutionizing Education with AI

Education is the backbone of society, but traditional methods are time-consuming, outdated, and inefficient.

Why Now? The AI-Driven Shift in Education:

- **Efficiency Needs:** Educators spend over 40% of their time on administrative tasks; AI-powered automation can significantly reduce this burden.
- **Enhanced Engagement:** AI-driven, interactive content has been shown to boost student engagement and improve learning outcomes.
- **Personalized Learning:** There is a growing parental demand for AI-powered tutoring tools that offer customized learning experiences for students.

At TeachBetter.ai, we are building the world's most comprehensive **AI-powered education platform** that equips teachers, schools, students, and parents with cutting-edge **AI tools and AI agents** to simplify learning and teaching.
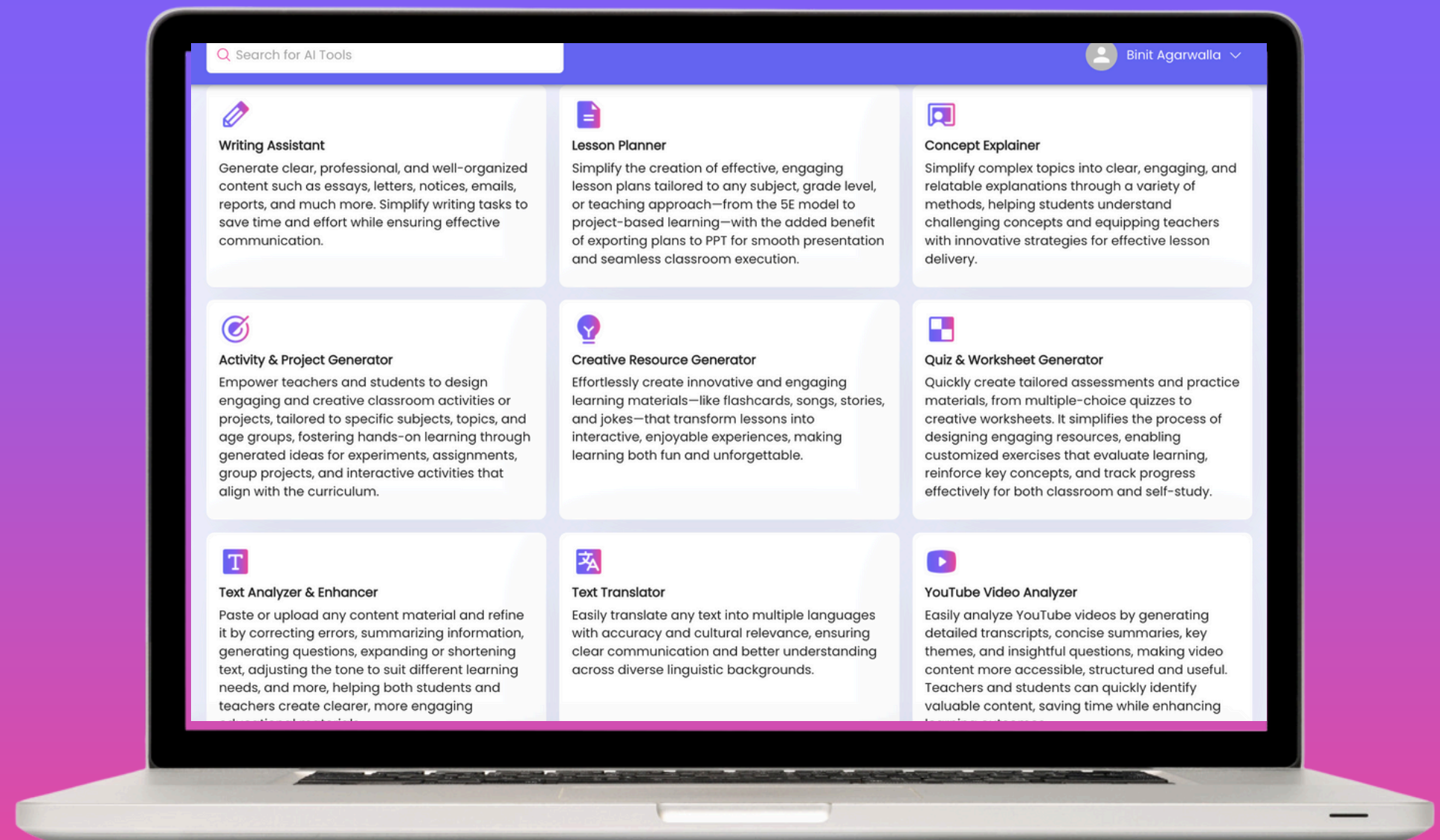
Introducing TeachBetter.ai

The Future of AI-Powered Education

TeachBetter.AI is an **all-in-on AI-powered platform** designed to transform traditional teaching into an engaging, interactive, and **impact-driven experience** for educators and parents, —while significantly **reducing effort** and **maximizing learning outcomes**.

Why This Matters?

- AI-driven teaching eliminates hours of manual effort for teachers and parents
- Real-world examples & AI-generated stories make learning relatable & retention-driven
- Smart automation saves teachers 40%+ time, allowing them to focus on high-value instruction
- Safe & controlled AI platform that acts as a personal study companion for students

Search for AI Tools

Binit Agarwalla

Writing Assistant
Generate clear, professional, and well-organized content such as essays, letters, notices, emails, reports, and much more. Simplify writing tasks to save time and effort while ensuring effective communication.

Lesson Planner
Simplify the creation of effective, engaging lesson plans tailored to any subject, grade level, or teaching approach—from the 5E model to project-based learning—with the added benefit of exporting plans to PPT for smooth presentation and seamless classroom execution.

Concept Explainer
Simplify complex topics into clear, engaging, and relatable explanations through a variety of methods, helping students understand challenging concepts and equipping teachers with innovative strategies for effective lesson delivery.

Activity & Project Generator
Empower teachers and students to design engaging and creative classroom activities or projects, tailored to specific subjects, topics, and age groups, fostering hands-on learning through generated ideas for experiments, assignments, group projects, and interactive activities that align with the curriculum.

Creative Resource Generator
Effortlessly create innovative and engaging learning materials—like flashcards, songs, stories, and jokes—that transform lessons into interactive, enjoyable experiences, making learning both fun and unforgettable.

Quiz & Worksheet Generator
Quickly create tailored assessments and practice materials, from multiple-choice quizzes to creative worksheets. It simplifies the process of designing engaging resources, enabling customized exercises that evaluate learning, reinforce key concepts, and track progress effectively for both classroom and self-study.

Text Analyzer & Enhancer
Paste or upload any content material and refine it by correcting errors, summarizing information, generating questions, expanding or shortening text, adjusting the tone to suit different learning needs, and more, helping both students and teachers create clearer, more engaging

Text Translator
Easily translate any text into multiple languages with accuracy and cultural relevance, ensuring clear communication and better understanding across diverse linguistic backgrounds.

YouTube Video Analyzer
Easily analyze YouTube videos by generating detailed transcripts, concise summaries, key themes, and insightful questions, making video content more accessible, structured and useful. Teachers and students can quickly identify valuable content, saving time while enhancing

Key features

01 **AI-Powered Teaching Suite**
A comprehensive toolkit with 18+ AI tools for lesson planning, quizzes, media search, creative resources, and multilingual content refinement

02 **Context-Aware Content**
AI-generated materials tailored to grade, language, difficulty, and curriculum

03 **Personalized Learning**
Learn your way, at your pace—AI-powered personalized learning for every student
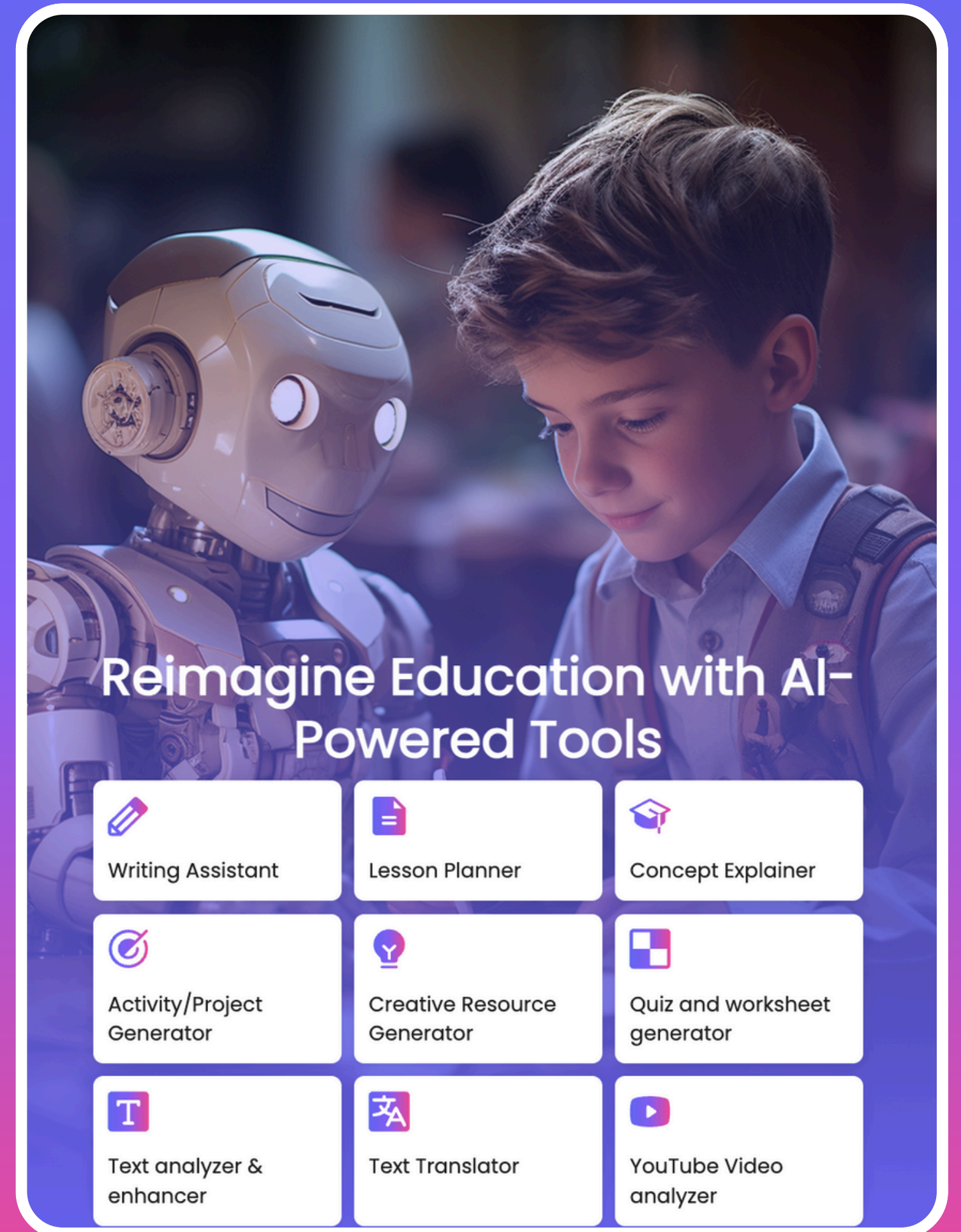
04 **Child Safe Learning Environment**
AI-driven age-appropriate, curriculum-verified, and bias-free content for a secure learning experience

05 **Parental Engagement**
AI-powered storytelling, simplified explanations, and always available personal assistant to support home learning

06 **Smart Content Studio**
An AI-enhanced editor that lets educators customize, refine, and enrich AI-generated content with multimedia

Reimagine Education with AI-Powered Tools

Writing Assistant | Lesson Planner | Concept Explainer
Activity/Project Generator | Creative Resource Generator | Quiz and worksheet generator
Text analyzer & enhancer | Text Translator | YouTube Video analyzer

01. Writing Assistant

Writing Assistant

Generate clear, professional, and well-organized content such as essays, letters, notices, emails, reports, and much more. Simplify writing tasks to save time and effort while ensuring effective communication.

Use Cases

- ✓ Write professional communication emails & letters
- ✓ Generate impactful blog posts and social media content
- ✓ Generate high-quality essays and reports on a variety of topics
- ✓ Draft notices & announcements for any occasion
- ✓ Draft newsletters or write engaging messages or speeches for school events

02. Lesson Planner

Lesson Planner

Simplify the creation of effective, engaging lesson plans tailored to any subject, grade level, or teaching approach—from the 5E model to project-based learning—with the added benefit of exporting plans to PPT for smooth presentation and seamless classroom execution.

Use Cases

✓ Generate a subject-specific lesson plan on any topic

✓ Design a 5E (Engage, Explore, Explain, Elaborate, Evaluate) lesson plan for any subject, grade, topic

✓ Plan differentiated lessons for diverse learning styles

✓ Develop weekly or monthly teaching schedules

✓ Create and export lesson plans as PPT or slides
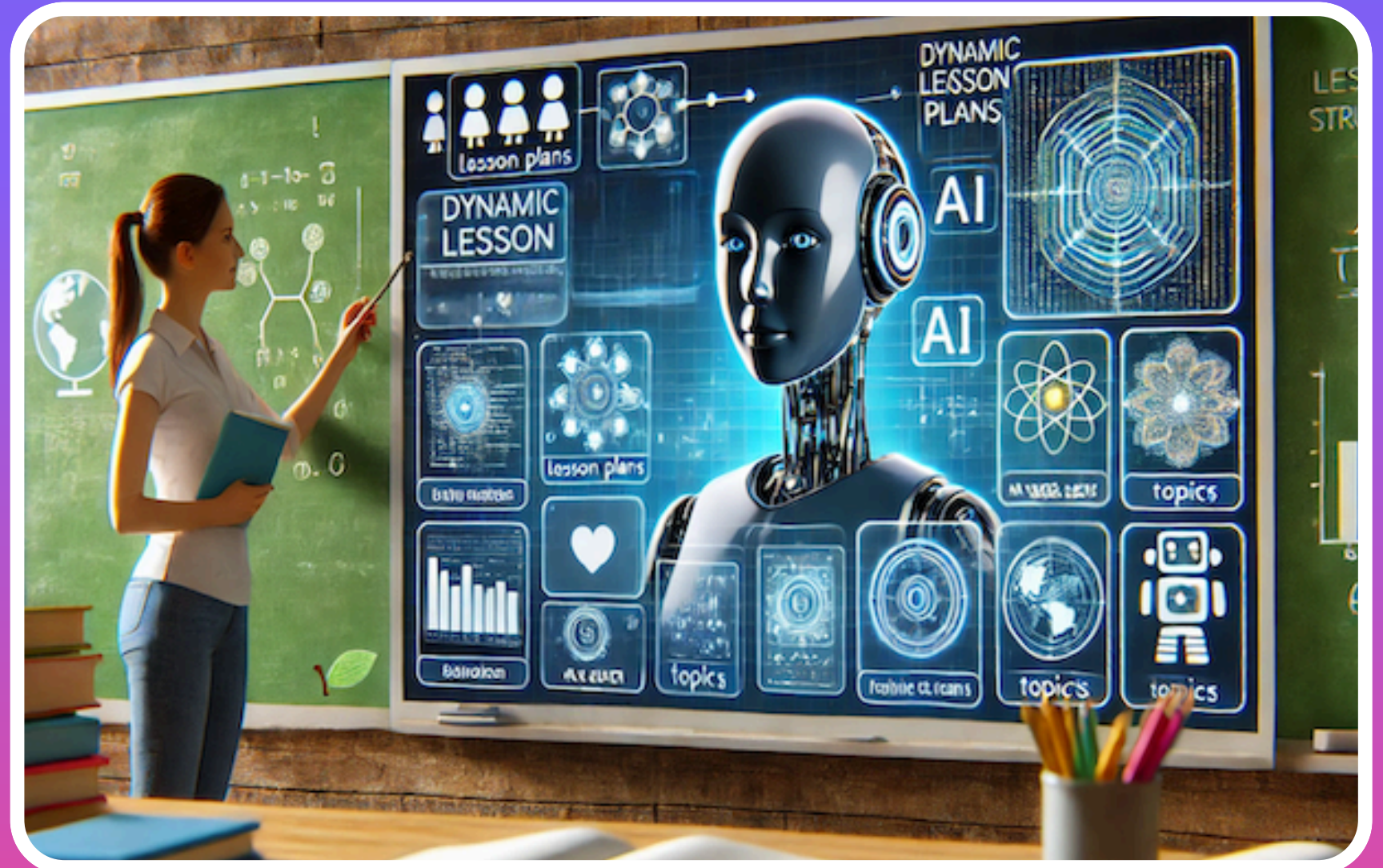
03. Concept Explainer

Concept Explainer

Simplify complex topics into clear, engaging, and relatable explanations through a variety of methods, helping students understand challenging concepts and equipping teachers with innovative strategies for effective lesson delivery.

Use Cases

✓ Simplify complex scientific concepts like photosynthesis or Newton's laws

✓ Break down mathematical theories such as Pythagoras' theorem with step-by-step explanations

✓ Explain abstract topics using real-world examples

✓ Provide age-specific analogies to make concepts relatable

✓ Create glossary of simplified terms for technical topics
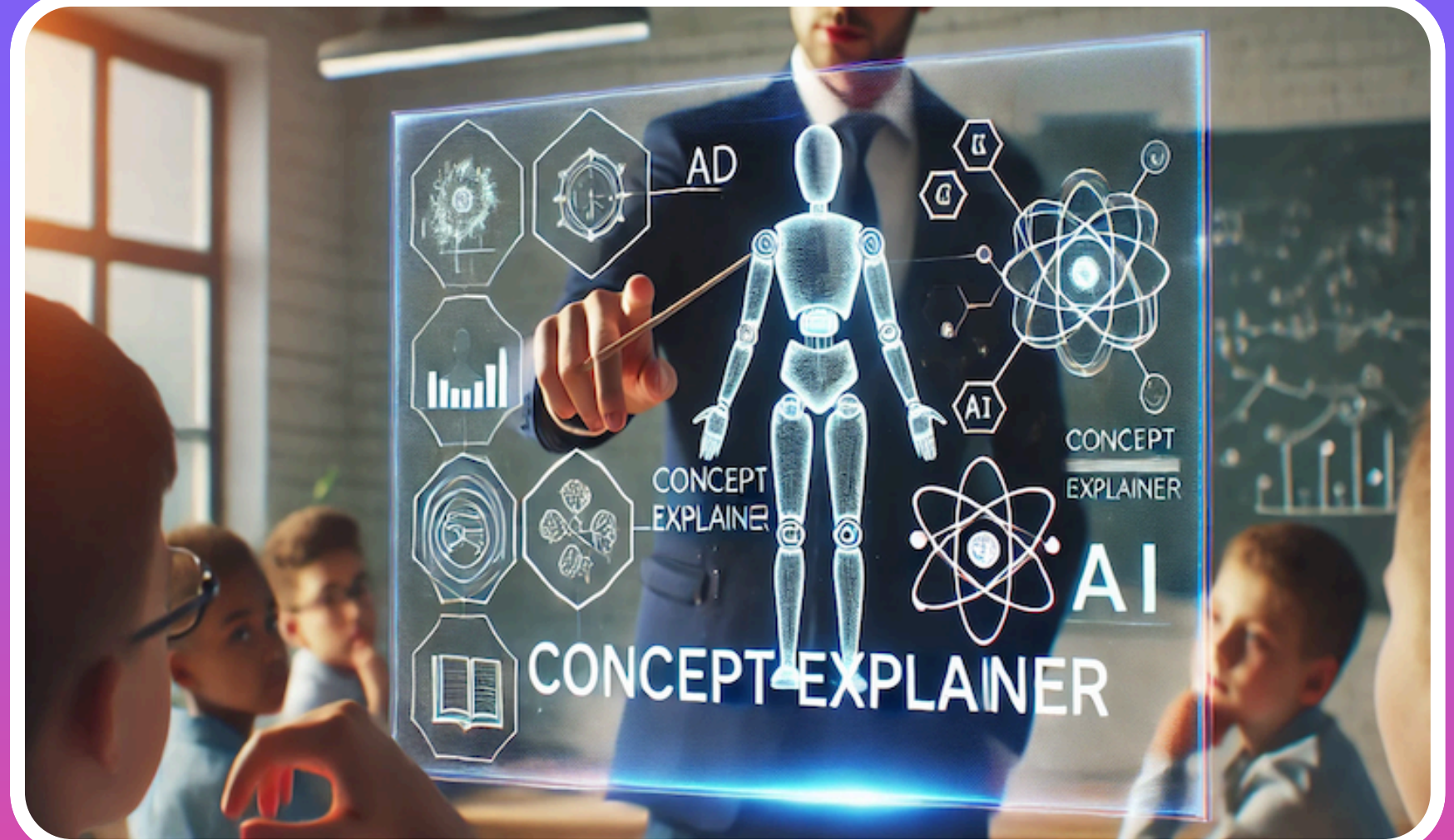
04. Activity & Project Generator

Activity & Project Generator

Empower teachers and students to design engaging and creative classroom activities or projects, tailored to specific subjects, topics, and age groups, fostering hands-on learning through generated ideas for experiments, assignments, group projects, and interactive activities that align with the curriculum.

Use Cases

- ✓ Generate hands-on STEM experiment ideas for any class
- ✓ Design collaborative group projects for any topic
- ✓ Suggest topic-specific project ideas for students preparing for science fairs or exhibitions
- ✓ Get step-by-step instructions to execute any project
- ✓ Recommend real-world problem-solving activities for students to develop critical thinking

05. Creative Resource Generator

Creative Resource Generator

Effortlessly create innovative and engaging learning materials—like flashcards, songs, stories, and jokes—that transform lessons into interactive, enjoyable experiences, making learning both fun and unforgettable.

Use Cases

- ✓ Create a fun, catchy song to teach any concept, making memorization easier

- ✓ Generate a simple, engaging story to explain a complex concept like the water cycle

- ✓ Design flashcards, worksheets, or mind maps for any topic

- ✓ Generate rhymes to help memorize formulas or equations

- ✓ Get relatable stories to explain challenging topics

06. Quiz & Worksheet Generator

Quiz & Worksheet Generator

Quickly create tailored assessments and practice materials, from multiple-choice quizzes to creative worksheets. It simplifies the process of designing engaging resources, enabling customized exercises that evaluate learning, reinforce key concepts, and track progress effectively for both classroom and self-study.

Use Cases

- ✓ Create exam or practice test papers with various question formats and difficulty levels

- ✓ Generate quizzes for any subject, with answer keys

- ✓ Generate diverse question formats, including short answers, true/false, fill-in-the-blanks etc.

- ✓ Craft personalized assessments to track progress

- ✓ Create step-by-step problem-solving worksheets for maths

07. Text Analyzer & Enhancer

Text Analyzer & Enhancer

Paste or upload any content material and refine it by correcting errors, summarizing information, generating questions, expanding or shortening text, adjusting the tone to suit different learning needs, and more, helping both students and teachers create clearer, more engaging educational materials.

Use Cases

- ✓ Correct grammar, spelling, and sentence structure for essays or reports

- ✓ Summarize lessons or chapters for quicker revision

- ✓ Condense long explanations into concise summaries

- ✓ Adjust content for specific audiences, such as students, teachers, or parents.

- ✓ Extract key concepts or vocabulary from stories or lessons
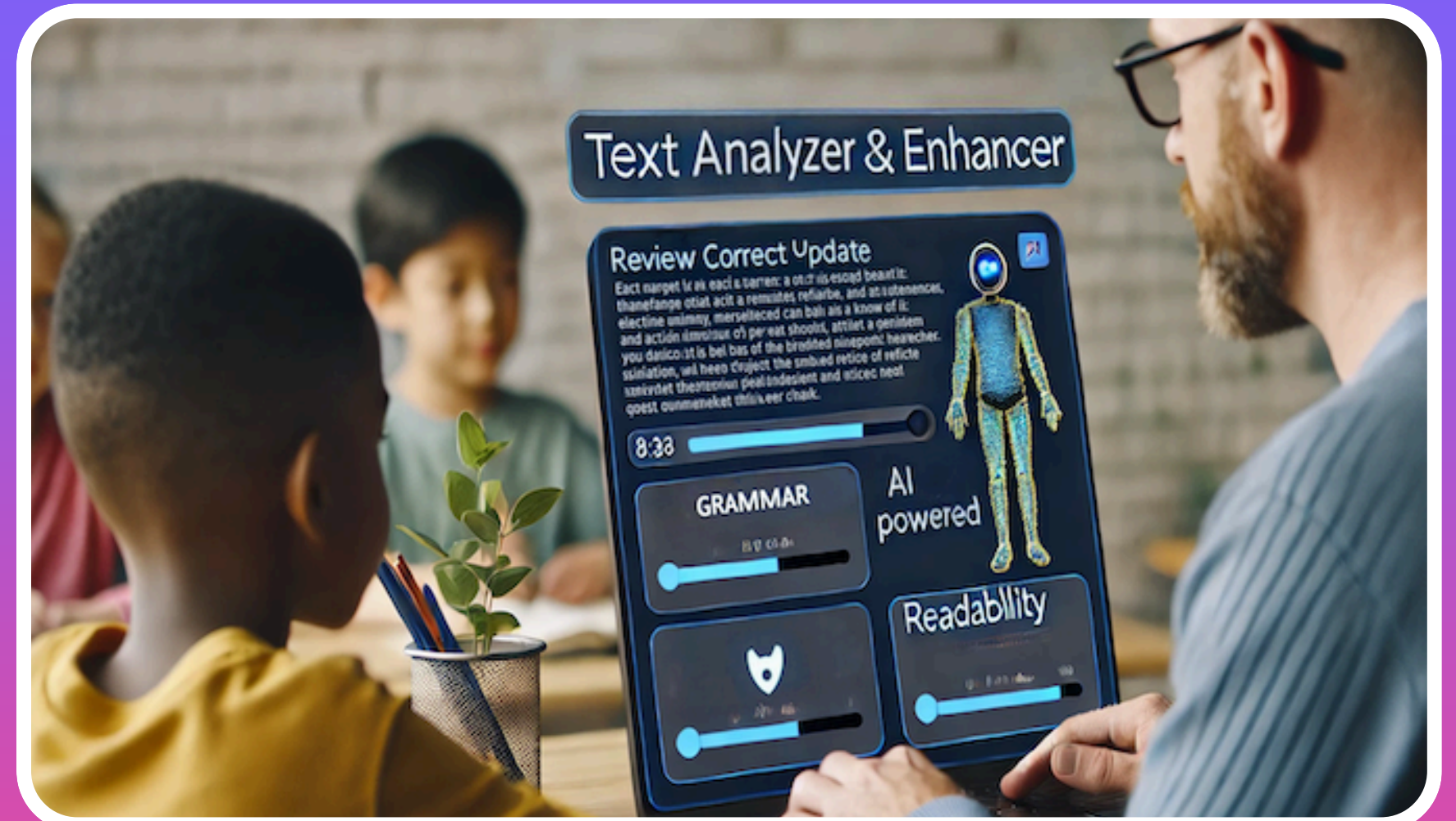
08. Text Translator

Text Translator

Easily translate any text into multiple languages with accuracy and cultural relevance, ensuring clear communication and better understanding across diverse linguistic backgrounds.

Use Cases

- ✓ Convert lesson plans into different languages for diverse student groups

- ✓ Help students learn concepts in their preferred language

- ✓ Provide bilingual handouts to support multilingual learning

- ✓ Translate storybooks to help in language learning

- ✓ Translate daily conversation practice materials for language learners
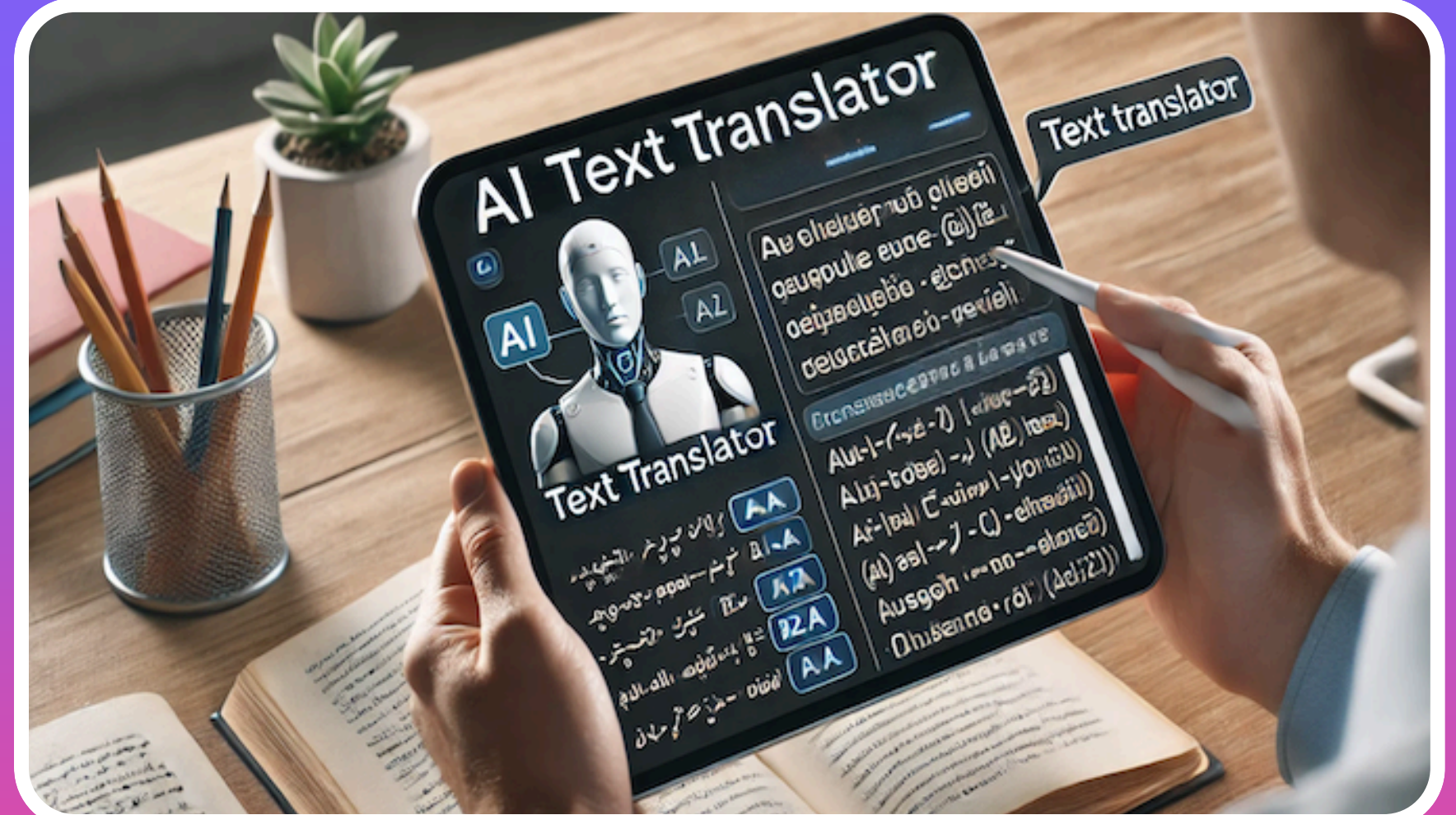
09. Presentation Generator

Presentation Generator

Quickly create engaging PowerPoint presentations, slideshows, and summaries that simplify complex topics, enhance classroom teaching, and help students better visualize and retain information. Also generate related images and videos that you can add in the presentation manually.

Use Cases

✓ Generate a complete presentation on any topic with slides

✓ Create project presentations with detailed breakdowns

✓ Design subject-specific teaching slides, including diagrams, graphs, and illustrations

✓ Convert existing text-based content into presentation

✓ Create presentations in different styles, such as informational, persuasive, or storytelling formats
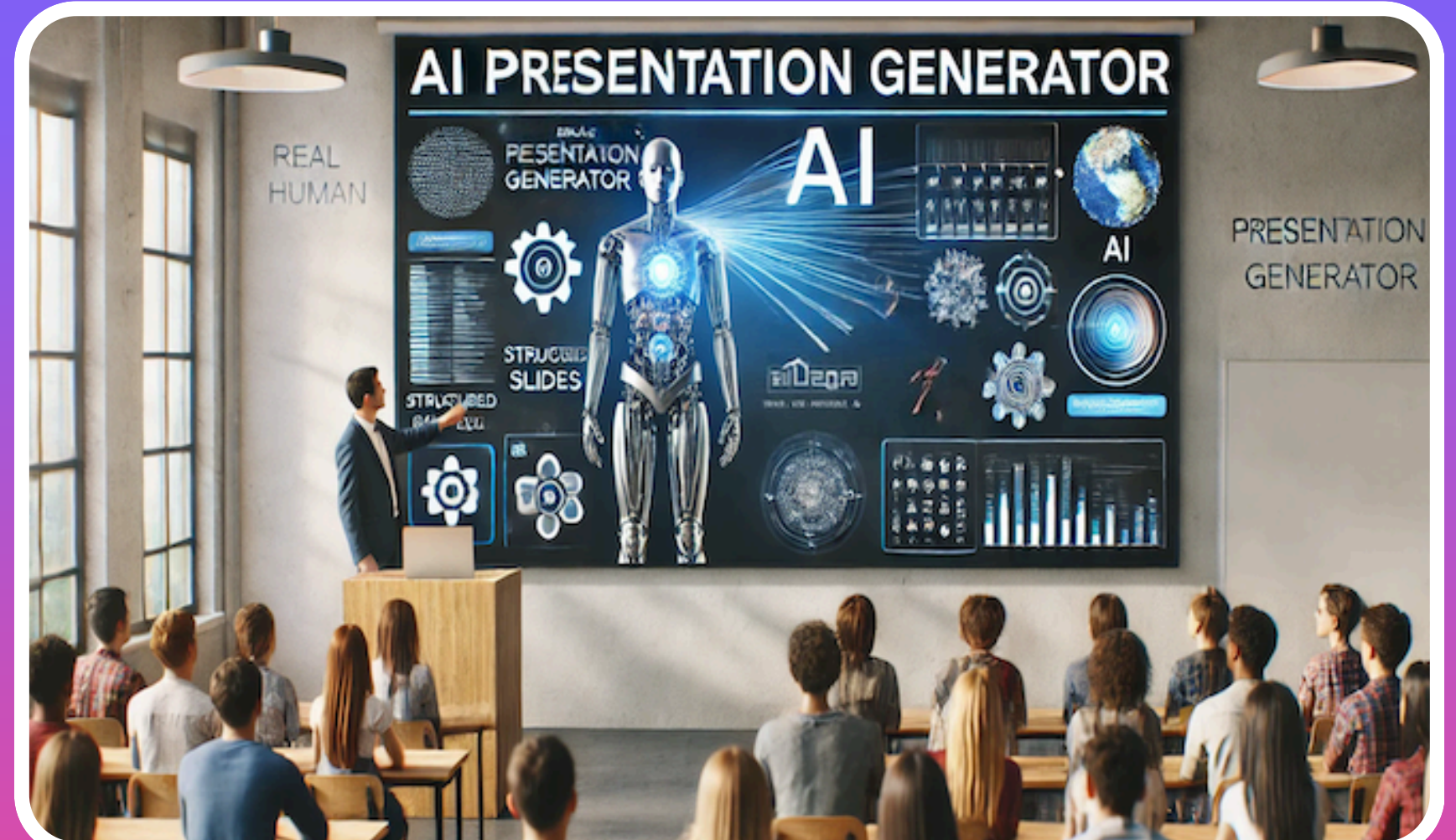
10. Personalized Report Generator

Personalized Report Generator

Empower learning with comprehensive, student-specific reports that provide deep insights into behavior, academic progress, support needs, and exam performance, offering personalized strategies to drive growth and success.

Use Cases

- ✓ Generate a behavior intervention report with strategies to enhance focus and participation

- ✓ Create an advanced learning plan tailored for students

- ✓ Provide an academic feedback report highlighting strengths and improvement areas

- ✓ Develop a support plan to address learning challenges

- ✓ Create academic progress report for productive meetings

11. Event Planner

Event Planner

The Event Planner tool helps teachers and students seamlessly organize events such as school functions, workshops, competitions, or classroom activities. From scheduling tasks to creating detailed itineraries, this tool streamlines planning while ensuring every detail is accounted for, ensuring every event is engaging, well-organized, and memorable.

Use Cases

✓ Plan a school annual day with timeline and activity schedule

✓ Develop a detailed project plan for a science exhibition

✓ Organize a farewell event with customized speeches and entertainment ideas

✓ Create a parent-teacher meeting schedule with time slots

✓ Develop a project timeline for a school magazine launch, covering content and deadlines

12. Science Lab

Science Lab

Unlock the power of hands-on learning with engaging science experiments and step-by-step guides that break down complex concepts, ignite curiosity, and inspire deeper exploration through practical experiences. Whether you are a teacher planning lessons or a student exploring science, this tool simplifies complex topics and fosters a hands-on approach to STEM education.

Use Cases

✓ Generate a physics experiment using household items to explain Newton's laws in action

✓ Generate step-by-step experiment guides with explanation

✓ Design a chemistry experiment with everyday ingredients

✓ Develop an experiment to observe plant growth under different environmental conditions

✓ Craft engaging activities, models, and experiments

13. Doubt Solver

Doubt Solver

Get instant and accurate answers to questions across various subjects and topics. Whether it's a tricky math problem, a complex science concept, or an essay-related query, this tool simplifies learning by giving step by step solutions and resolving doubts, for both teachers and students effectively.

Use Cases

✓ Help teachers create detailed answers to student questions for classroom discussions

✓ Clarify difficult concepts in subjects like maths, science, and history etc

✓ Solve step-by-step problems for logical reasoning

✓ Answer questions related to grammar and language

✓ Assist students with competitive exam preparation
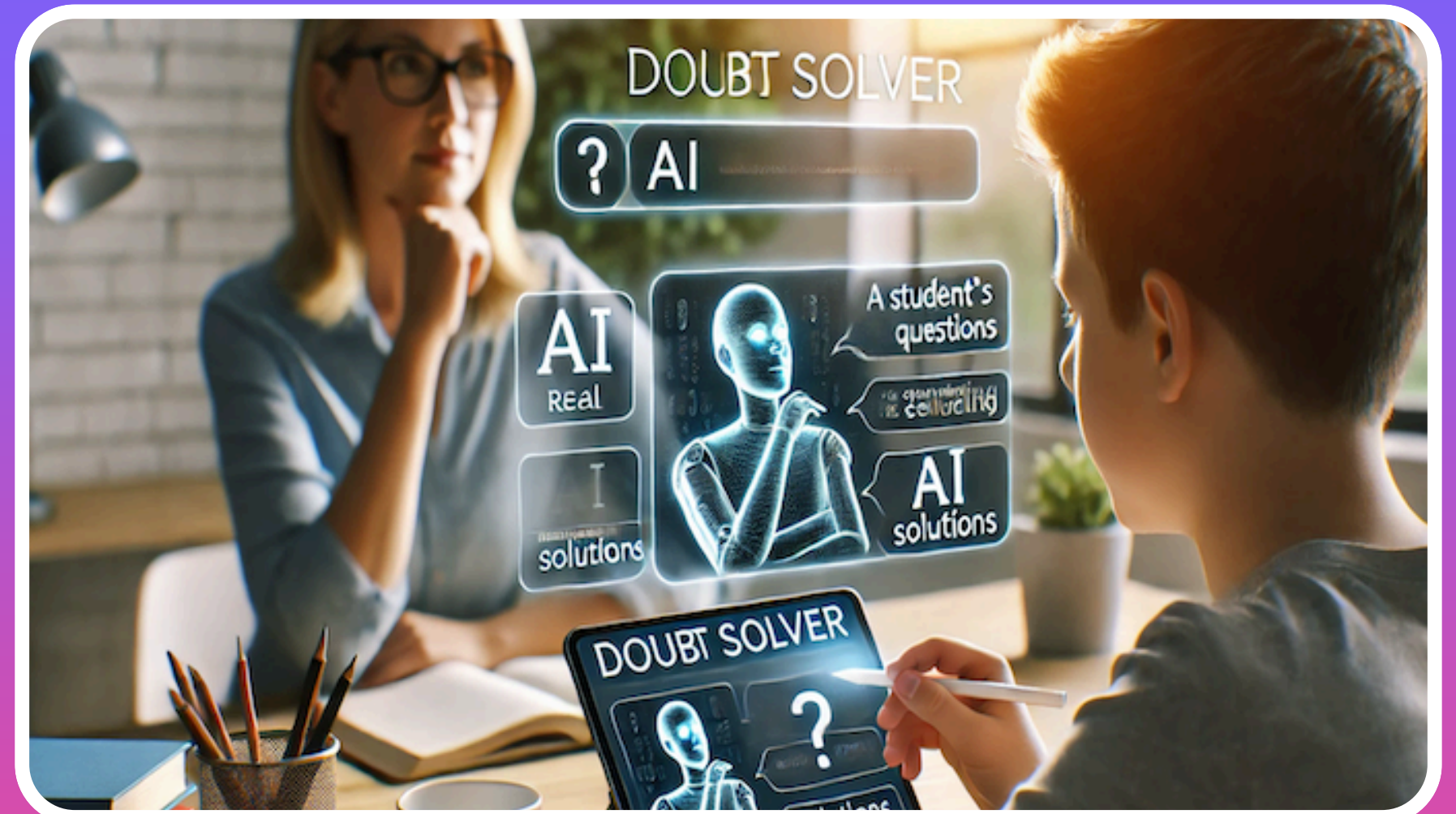
14. Ask Me Anything

Ask Me Anything

Engage with Robin, an AI-powered chatbot that answers a wide range of questions across any subject or topic. Whether you're looking for detailed explanations, quick facts, or creative ideas, this versatile tool provides instant, well-researched, and insightful responses tailored for both teachers and students.

Use Cases

✓ How can I engage my students better in my maths class to enhance their learning?

✓ Can you explain how the water cycle works?

✓ How do I solve this algebraic equation?

✓ What are the real world applications of calculus?

✓ Roleplay as historical figures, scientists, or fictional characters to answer related questions

15. Chat With Documents

Chat with Documents

Upload any document and interact with it through a smart chat interface to quickly extract essential information, clarify doubts, summarize key points, and gain deep insights, making learning and teaching more efficient and engaging.

Use Cases

- ✓ Quickly extract important concepts or definitions from a textbook chapter to prepare for exams

- ✓ Extract key insights or highlights from study material

- ✓ Quickly answer specific questions from a document

- ✓ Generate lesson ideas or discussion points based on specific sections of the document

- ✓ Create quizzes or practice questions based on a document
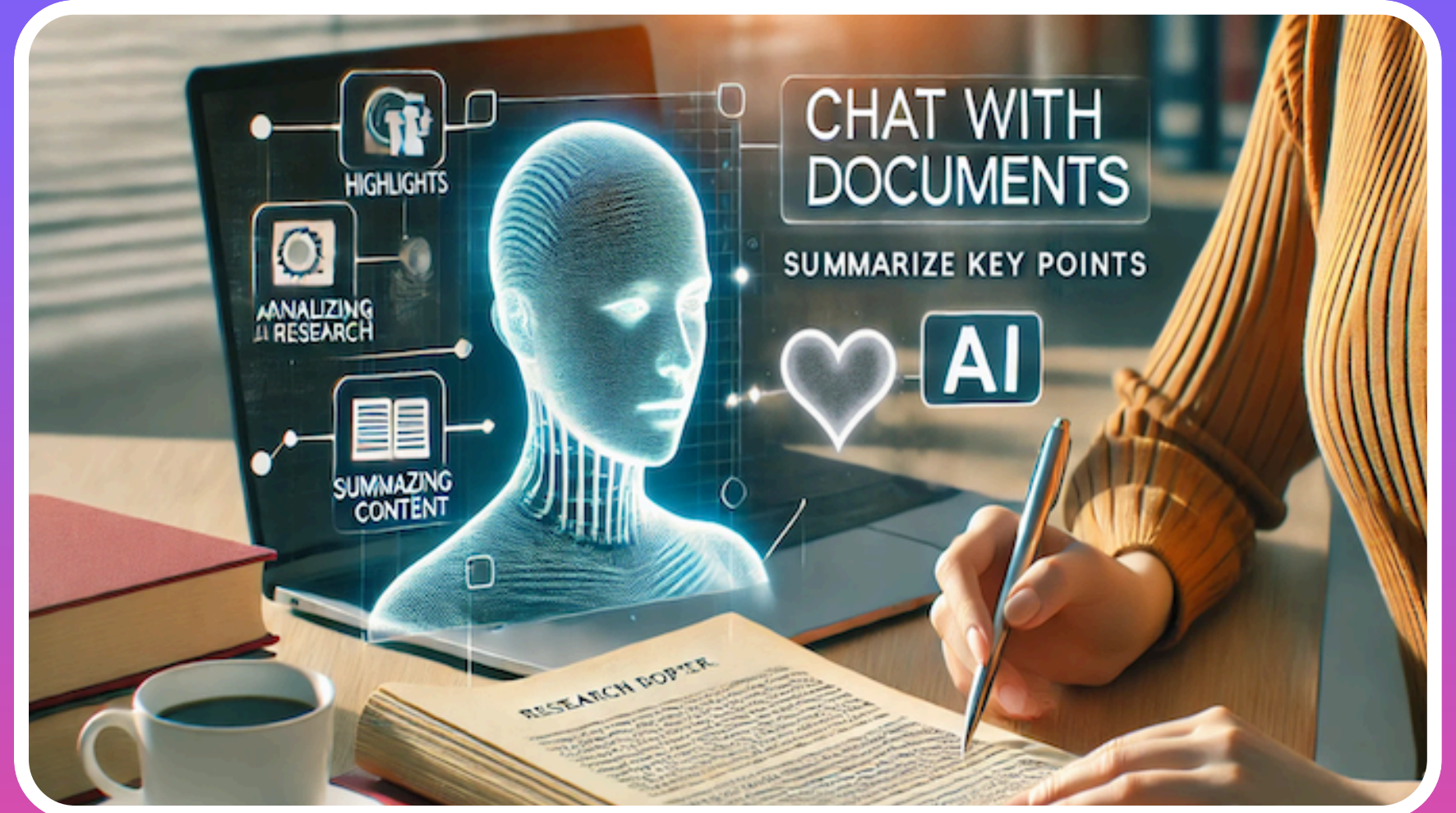
16. Web Search Assistant

Web Search Assistant

Harness the power of AI to effortlessly search the web for relevant text, images, and videos without the clutter and noise. Quickly and efficiently find the information, visuals, and media you need to enhance your lessons, projects, or research.

Use Cases

✓ Search for reliable educational content, such as articles, research papers, or study materials

✓ Locate video tutorials or demonstrations for topics

✓ Generate references or citations for academic projects

✓ Discover media resources for lesson plans

✓ Help students gather resources for essays, projects, or class debates
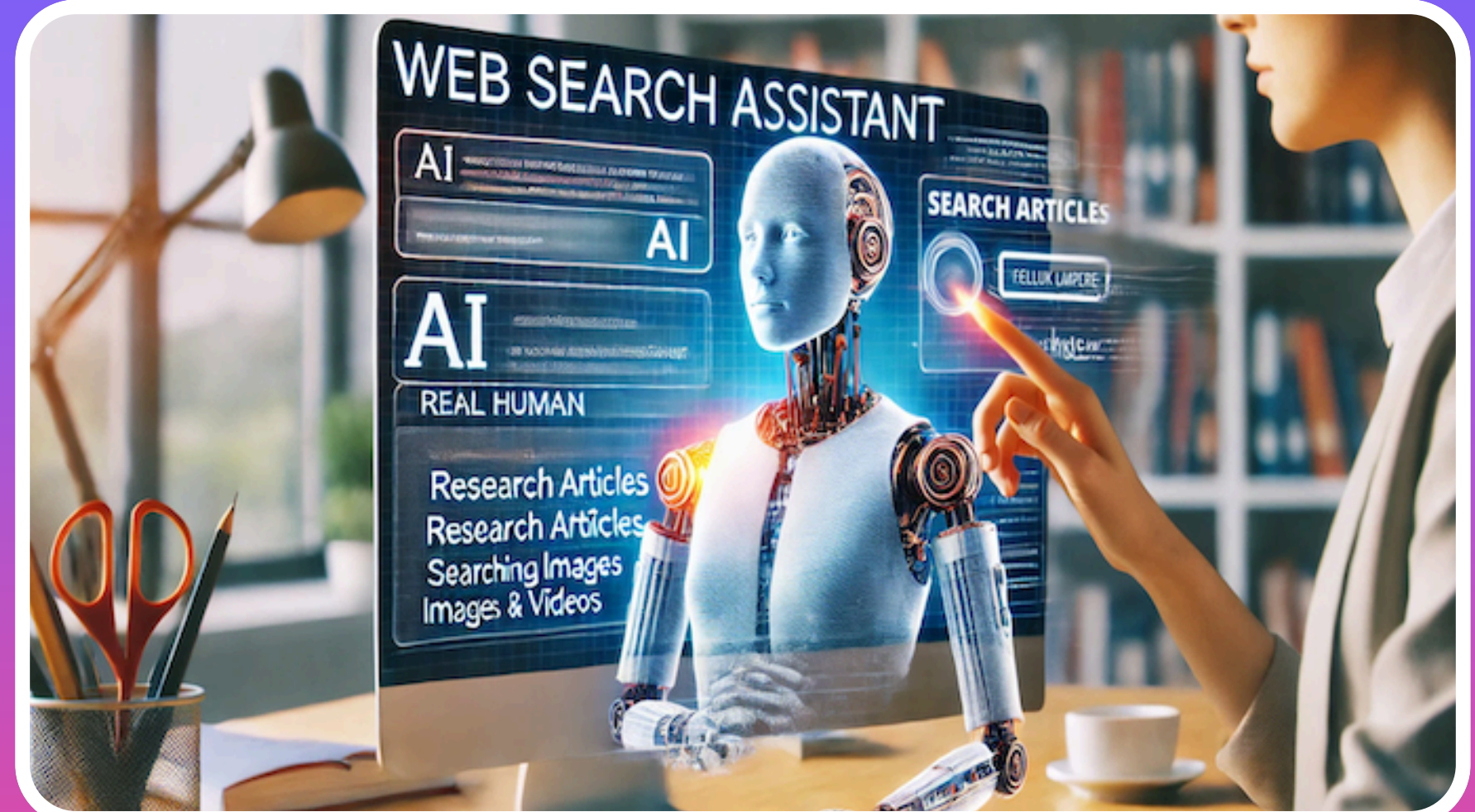
17. YouTube Video Analyzer

YouTube Video Analyzer

Paste any YouTube link and instantly get the full transcript, a concise summary, key themes, quiz questions & more. Perfect for teachers and students, this tool turns video content into structured learning—saving time and making lessons more impactful and accessible.

Use Cases

- ✓ Generate full video transcripts for reading and reference

- ✓ Create concise summaries to capture key takeaways

- ✓ Auto-generate quiz questions from video content

- ✓ Assists teachers in turning videos into structured lessons

- ✓ Helps students revise faster without rewatching videos

18. Concept Mastery Coach

(Interactive quiz for students, to test understanding and master any concept)

Concept Mastery Coach

A gamified, interactive quiz to test and master any topic. Get 5 Bloom's Taxonomy-based questions, detailed explanations for each answer, and real-time feedback. Track your progress, deepen your understanding, and earn a badge as you level up your learning with every concept

Use Cases

- ✓ Test understanding of any topic with AI-generated questions
- ✓ Practice across 5 Bloom's Taxonomy levels
- ✓ Get detailed solutions and explanations for each answer
- ✓ Earn badges for mastering concepts
- ✓ Reinforce learning through instant feedback and retries
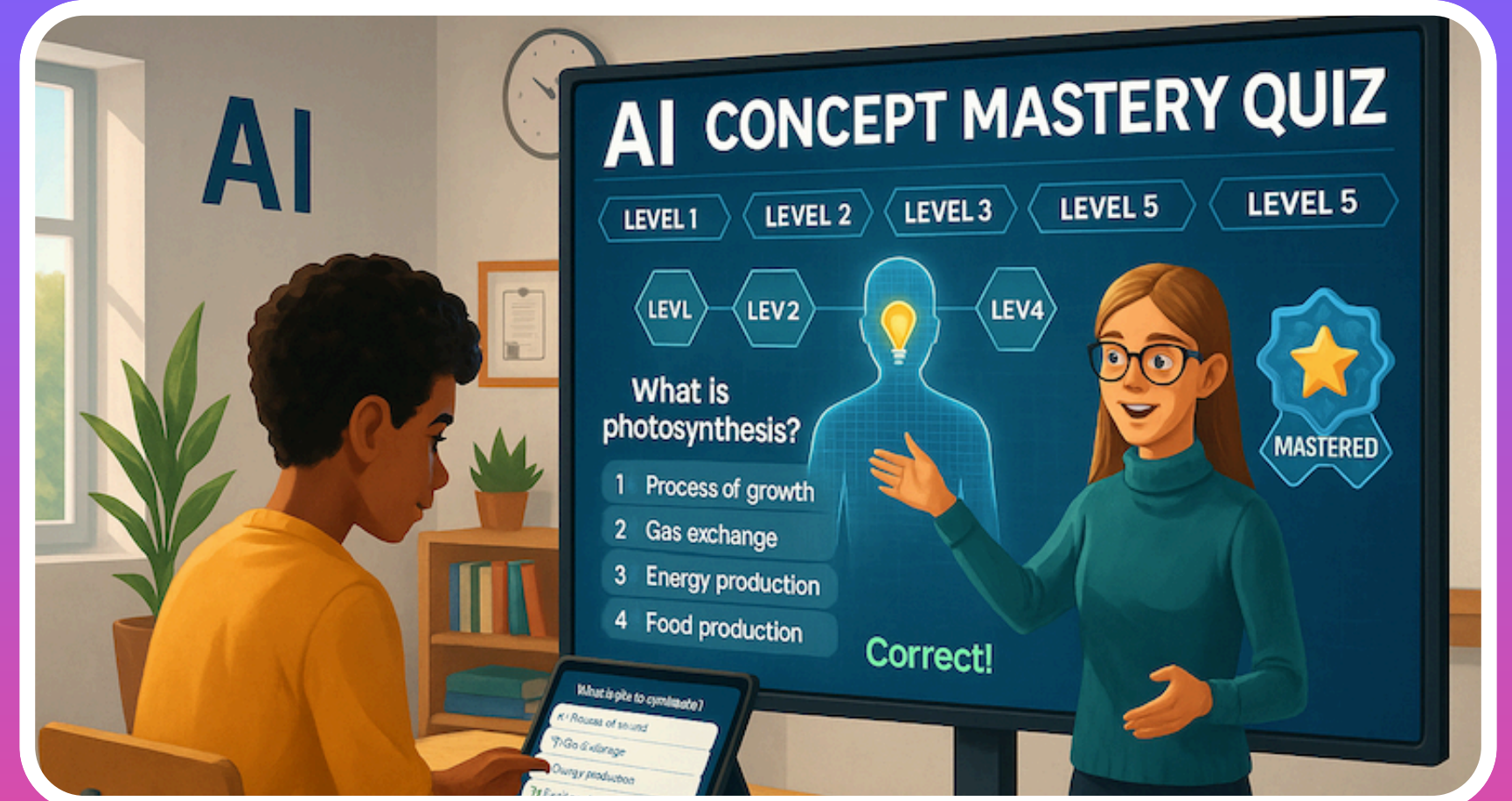
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