

FACTBASED

# Factbased Education

AI-powered thinking



# What We Offer

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Factbased is a Cambridge-based educational startup founded by PhD scientists with a clear mission:

to empower students with the cognitive skills needed to thrive in an AI-driven world

According to the Future of Jobs Report\* **analytical thinking, creative thinking and AI literacy** are the top skills rising in importance.

Schools that equip students with these future-ready cognitive skills - and prepare teachers to confidently integrate AI in education - will be leading the way in preparing learners for top universities and careers that don't yet exist.

Factbased helps schools meet this challenge through student workshops, teacher training, and tailored consulting for AI integration and critical thinking development using AI tools.

- Based in Cambridge, with a strong academic and scientific foundation
- Led by PhD scientists with expertise in both research and education
- Workshops for students focused on AI literacy, information researching, and cognitive skill development
- Teacher training and professional development in AI-powered education
- Consulting for leadership on integrating AI tools and frameworks into school strategy

\*World Economic Forum 2025

# Workshop package for students

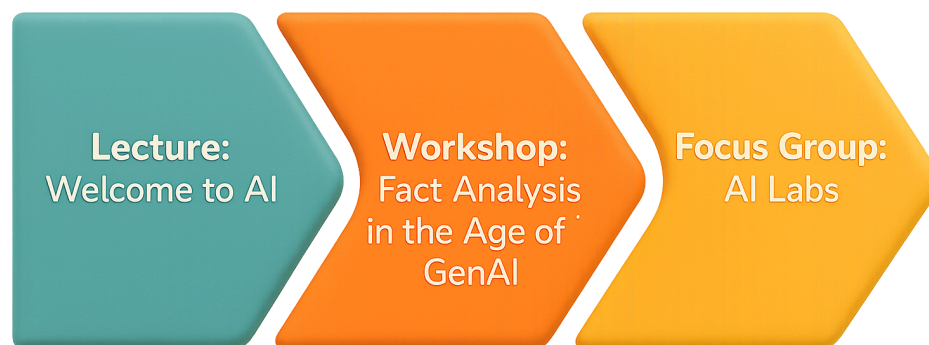


## AI Explorers: GenAI Awareness & Cognitive Skill Building for Students 13+

A Three-Stage Program to Build AI Literacy, Curiosity, and Future-Ready Skills.

Our progressive programme inspires, informs, and empowers students to engage meaningfully and critically with generative AI. Beginning with a high-energy assembly introduction, it offers deep-dive opportunities for students showing interest and aptitude in AI thinking and tools.

### Programme Structure



### Stage 1 – Assembly Lecture: "Welcome to GenAI"

60 min Interactive keynote delivered during school assembly.

Spark curiosity with an engaging introduction to GenAI, real-world examples, and ethical exploration pathways. This foundational session sets the stage for students to discover AI's potential responsibly and critically.

## Stage 2 – Themed Workshops

**2x 90-minute in person sessions per group.**

Grouped by year level, these hands-on workshops explore GenAI and GPTs, develop information researching and fact-checking skills for the AI era, and provide practical experience with AI tools. Students receive certificates and can qualify for advanced AI Labs.

### Focus Areas:

- Understanding GenAI fundamentals and applications
- Critical analysis, information search and verification
- Hands-on AI tool exploration for research, education and beyond

## Stage 3 – AI Labs (Focus Groups)

**6 remote sessions, 1 hour each.**

Selected students dive deep into advanced AI concepts through small-group intensive sessions. From sophisticated prompting techniques to custom GPT development, participants develop leadership in digital innovation.

### Advanced Topics:

- Effective prompting and AI tool mastery.
- LLM fundamentals and GenAI architecture.
- Custom GPT design and implementation.
- Critical thinking and creative problem-solving.

## Why Choose AI Explorers?

**Comprehensive Engagement:** Reaches students across all interest levels—from broad awareness to deep technical curiosity.

**Future-Ready Skills:** Builds critical thinking, creativity, and responsible AI use through age-appropriate, interactive sessions.

**Expert Delivery:** PhD-qualified facilitators ensure high-quality, research-informed instruction



## Contact

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