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# The AI Shift: Transforming Education and Skills Development

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## What you'll leave with

- A clear, practical look at what AI means for education today.
- An understanding of tools to support teaching, personalise learning, and simplify admin.
- Understanding of ethical risks and responsible use.
- Enthusiasm and Confidence to take next steps with AI in your organisation.

# Who is using AI?



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# AI in Education

- Learner needs are changing
- Staff workloads are growing
- New expectations for personalisation and efficiency
- AI is integrated into tools we already use
- DfE exploring AI to reduce teacher workload and enhance learning

# Why it matters now?

- AI = machines doing tasks that previously thought to require human intelligence
- Examples: language, images, decisions, predictions
- In education: planning, content creation, feedback
- Trend: AI is assistive — not a replacement
- Relevant to Ofqual, DfE, and UK curriculum reform discussions



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# Real Use Cases in Education

- Lesson & Content Generation – Eduaide.ai, ChatGPT
- Quiz & Assessment Support – Quizizz AI, Diffit.me
- Adaptive Learning – Khanmigo (Khan Academy), Socrative
- Chatbots for Learners – SchoolAI, Agentic AI
- Admin Automation – Magicschool.ai, Compose AI
- From News to Lessons – Brisk Teaching (Chrome extension)

# AI Tools in Action

- TeacherMatic - <https://teachermatic.com/>
- Brisk Teaching - <https://www.briskteaching.com>
- ChatGPT - <https://chat.openai.com>



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# Responsible Use

- Concerns: bias, data privacy, hallucinations, over-reliance
- Safeguarding: Consider KCSIE and pastoral implications
- GDPR: Ensure AI tools comply with UK data protection laws

## Questions to ask:

- Where is the data going?
- Can this harm trust or wellbeing?
- Who checks the AI's output?





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# Ethics

- Bias and fairness – AI can reflect and amplify societal or data bias
- Transparency – Be clear when AI is used and how decisions are made
- Privacy & data protection – Comply with UK GDPR; don't input sensitive learner data
- Safeguarding – Align with Keeping Children Safe in Education (KCSIE)
- Academic integrity – Consider the impact on plagiarism, authenticity, and feedback
- Human-in-the-loop – Keep educators responsible for decisions, not AI



# Where to start?

- Keep humans in the loop
- Use AI as a co-pilot, not a decision-maker
- Set clear boundaries and policies
- Be transparent with staff and learners
- Pilot small, reflect often
- Refer to guidance



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# Q&A

