

Tool cards

The following cards represent some of the different ways Generative AI could potentially be used in education.

They are used in the first **learning** activity of the session. Students will have between 10 and 20 minutes to explore a set of tools in a small group, and to discuss **benefits** and **challenges**.

- What do you think the benefits might be with using this kind of tool in education?
- What do you think the challenges might be with using this tool in education?

In longer sessions, there may be time for a class discussion of the tools or an optional feedback activity of identifying 'top 3' and 'bottom 3' tools.

Notes:

- The cards here reflect tools that are either offered by one or more companies for use in the education sector, or that have been suggested for future use.
- **However**, the tools listed here are not necessarily recommended for use in education at this time. As the later 'Issues' worksheets will explore, there may be significant reasons for caution about some of these applications of AI in education.
- Any adoption of AI tools in schools in England should take into account [Department for Education guidance](#) on using AI in education settings¹.

Preparing these resources:

The cards are designed to be used flexibly.

- **You can cut out each card, and give each table a collection of cards** - this will allow each student to choose one specific card to look at first, and to share with their table.
- **You can print the cards four to a page and give a different page to each table** - each page contains a mix of kinds of tools.
- **You can provide a full set of cards to each table** - this is only recommended if you have time for an extended session.

¹ <https://www.gov.uk/government/collections/using-ai-in-education-settings-support-materials>



(1) Personalised learning tools

What if a school provided generative AI tools that created:

- different worksheets for each student based on your past work
- a study chatbot that uses data about you to help you learn

Tags: Personalised learning Accessibility



(2) Write down and translate

What if a teacher used generative AI tools to:

- automatically create notes from lessons or classroom discussions
- translate notes for students who speak different languages

Tags: Accessibility



(3) Plan lessons

What if a teacher could use generative AI to:

- create a lesson plan specially for the needs of each class
- automatically create slides and worksheets for the lesson

Tags: Creating content Reducing teachers work



(4) Create media

What if a teacher could use generative AI to:

- make images, videos and media for a class

or you could use generative AI to:

- make media for your homework

Tags: Creating content Creative Learning



(5) Mark work

What if a teacher could use generative AI to:

- mark your written work
- automatically write your school report

Tags: Assessment Reducing teachers work



(6) Help research

What if you could use generative AI to:

- find out about new topics
- create a study guide or short video that explains a new topic to you

Tags: Research & writing help

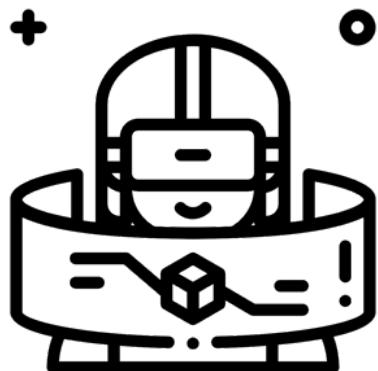


(7) Communication

What if the school office used generative AI to:

- help write the school newsletter
- update the school website and social media accounts

Tags: Administration Reducing teachers work



(8) Virtual worlds

What if your teacher asked you to use a generative AI tool that:

- creates an interactive 3D game for learning about science, geography or history
- lets you talk to 'virtual' chat bots in the 3D game

Tags: Creating content Creative Learning



(9) Writing aid

What if you had generative AI tools that:

- told you about ways to fix your spelling, grammar and vocabulary
- automatically edited what you have written to improve your essays

Tags: Research & writing help ▾



(10) Setting school rules

What if the head teacher could use generative AI to:

- write school rules on bullying, healthy eating or school sports
- create checklists to help staff apply these rules

Tags: Administration ▾ Reducing teachers work ▾



(11) Character chat

What if you had a generative AI tool that:

- imitates the way a person from history or from a book might speak or answer questions
- uses things written by, or about, that person to make it feel like you are really talking with them

Tags: Research & writing help ▾ Creative Learning ▾



(12) Check what you have learnt

What if a teacher could use generative AI to:

- create quizzes or tests to check what you have learnt
- run a quiz just for you that gives tips on what you did well or not

Tags: Creating content ▾ Personalised learning ▾