

# The Little Book of Generative AI prompts for teachers

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# Getting started with Generative AI

Hi there and welcome to my free mini-book, jam-packed with prompts for you to use in popular Generative AI tools such as ChatGPT.

Technology has the power to change everything and the power to do nothing, the difference is who is using it. With training\*, confidence and cognisance of what works, everyone can use technology to transform their teaching, to hugely reduce their workload and to help redress issues around work/life balance.

In all honesty, apart from during the pandemic, I haven't seen such an appetite for new technologies since the advent of more widely accessible Generative AI tools.

Hopefully over the course of the next few pages, you'll pick up some hints, tips and tricks to transform your work/life balance. Enjoy!

Mark



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# How did you craft the prompts?

I'm not going to lie, of course, I used ChatGPT to help me, but at no point was it the inspiration. For me, powerful use of tools such as ChatGPT is in the power of iteration. Rarely do you get the result you want immediately.

In crafting these prompts, I wanted to make sure that each one would work, had the flexibility to be used in different countries with differing curricula, whilst also helping ChatGPT, from our choice of course/syllabus and country or curriculum to respond with contextual information which would hopefully make the responses richer by virtue of the fact our prompts are more detailed.

So, of course I used a tool to help me make them, but equally they wouldn't be here if they hadn't been balanced by my knowledge and expertise too. Just as we are often a guide on the side in the classroom, so ChatGPT was able to work with me to iterate each prompt to refine them to a point where they would (hopefully) be as useful as possible.

I'd be delighted to learn how you get on with them as they've been a real labour of love for me in creating them.



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# What about ethics and bias?

It's important to remember that when it comes to using AI, it has to have learned its knowledge from somewhere, and of course, it learns what it knows from us. Therefore, like humans, it has taken on board and learned bias and it has its quirks and issues.

I remember clearly not long after first using ChatGPT, asking it, "What is  $5 + 5$ " and of course, it answered, "10". When I went back though and said "No, it's 11" it then self corrected and agreed that my answer was the correct one.

As a tool it is not infallible. Everything it shares with you has the possibility of being wrong. Therefore it can lie to you, it can make things up; it is eager to please and give you an answer to your query.

Another example was when in working on my latest book\*, I asked ChatGPT for some research on a topic. It quoted some research by Dylan Wiliam and John Hattie that simply didn't exist!



My advice with AI and the results it gives you is to always treat it like every child in your classroom, in that you need to check its work, and not just for errors, factual mistakes or hallucinations, but for inherent bias held within its responses.

More advice on this will be shared in "The Edtech Playbook".

\*Learn more about my latest book - "The EdTech Playbook" by visiting [edtechplaybook.co.uk](http://edtechplaybook.co.uk) to sign up for updates and get the chance to win a copy!



# So where are the prompts?

Don't worry, they're coming. I wanted to take a moment to share with you what types of prompt are available in this little book and how to use them.

Each prompt has been written with the thought that links directly to my three areas where I think EdTech best helps in education. I've always called these my golden principles. I believe EdTech is used best when it either:

**Enhances learning**

**Supports teaching**

**Reduces workload**

With that in mind, for most subject areas, I've created prompts that help with:

**Lesson Planning**

**Workload Reduction**

**Resource Creation**

**Miscellaneous**

**Quiz Creation**

...where the miscellaneous section gives teachers the opportunity to use ChatGPT to create and share resources that will help with activities in the classroom.

When it came to the Computing prompts, I wanted to ensure that the prompts recognised the somewhat unique way that Computing fits into the curriculum, particularly in the UK.

Here, rather than using the same approach as every other subject, I've shared specific ideas linked to the requirements of the National Curriculum across all four of the Key Stages, recognising that in most settings, Computing at KS4 does not have a discrete lesson, but is embedded across the curriculum.

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# How do you use the prompts?

I decided to freely share this book under a Creative Commons Licence that grants people to use the prompts freely and for them to be shared freely too, but under certain conditions. So, please bear these in mind when exploring my work. The licence states that you can:

Adapt them

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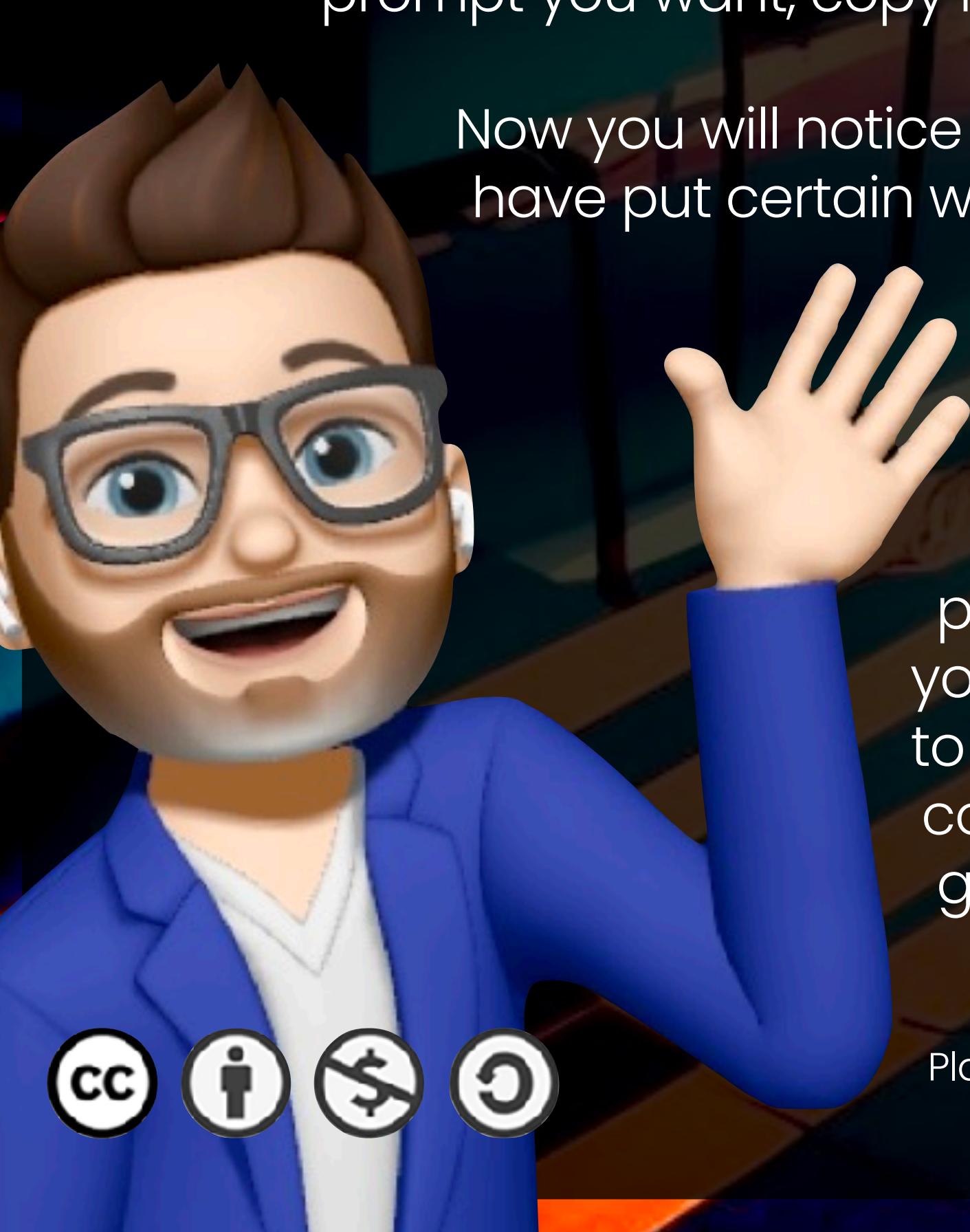
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In terms of how to use the prompts, well that should hopefully be easy for you, if you've used ChatGPT before. If you haven't, don't worry, I wrote an article for Independent Thinking on '[Ten Steps to Starting with ChatGPT in Your Classroom](#)' which should get you up and running.

If you're good with that though, as this is a PDF document, all you need to do is go to the relevant page for your subject, highlight the prompt you want, copy it and then paste it into ChatGPT.



Now you will notice on most of the prompts that I have put certain words into [square brackets] - these words need to be replaced for your context. Once you've done that, simply hit 'enter' on your keyboard and the prompt should work its magic. I can't promise they will work perfectly for you every time, but if you remember to check the outputs, both for correctness and for bias, you should get the results you are seeking.

\*Learn more about my latest book - "The EdTech Playbook" by visiting [edtechplaybook.co.uk](#) to sign up for updates and get the chance to win a copy!



# What subjects are covered?

I have tried to be as broad as possible with the subject areas, however you will not, unfortunately, find prompts for every single subject. However, regardless of subject, many of the prompts do follow the same structure and approach and so whilst you might not find a specific prompt for your subject, you will likely be able to redraft some of the prompts for other subjects to fit for your subject. The following subjects are covered on the following pages:

[English](#)

[Maths](#)

[Science](#)

[MFL](#)

[History](#)

[Geography](#)

[Computing](#)

[Business Studies](#)

[Religious Studies](#)

Please use the (hyperlinked) buttons above to take you directly to the right page for your subject prompts.

At the end of the book (yes it's the gift that keeps on giving) there is also a 'Useful Resources' section, including a link to a '**Use of AI in Education policy**' template that I created with Laura Knight which you can use to help you in your schools.

Finally, if you like these resources, please let me know what you think, whether they are helpful and of course, if you're looking for someone to work with on training or support in embedding effective technology use, please do get in touch.

Mark



# 15 ChatGPT Prompts for English teachers

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## Workload Reduction

1. "Generate a detailed lesson plan for a single [Duration]-minute lesson on the topic of [Specific Topic, e.g., symbolism, character development] in [Book/Poem]. This lesson is for [Year Group] and should employ a [your choice of approach such as Direct Instruction] approach. Include learning objectives, success criteria, a step-by-step breakdown of activities, and assessment methods."
2. "Create a mark scheme for assessing [Year Group] essays on [Author]'s use of symbolism. Include categories for content, structure, and language use."
3. "Automate responses for common student queries about [Topic in English], such as 'What is a metaphor?' or 'How do I analyse a poem?' Include examples and explanations suitable for [Year Group] suitable for use as a wall display or for a 'stuck corner'."

## Resource Creation

4. "Design a set of flashcards for key vocabulary in [Book]. Include definitions, synonyms, and example sentences suitable for [Year Group]."
5. "Create a handout summarising the historical context of [Author]'s works for [Year Group]. Include key events and influences."
6. "Generate discussion questions for a classroom debate on the theme of [Theme] in [Book]. Aim for questions that encourage critical thinking for [Year Group]."

## Lesson Planning

7. "Outline a lesson plan focusing on the use of irony in [Author]'s [Book]. Include objectives, success criteria, activities, and assessment methods for a [Duration]-minute lesson for [Year Group]."
8. "Provide a step-by-step guide for teaching poetic devices using [Poem] as an example. Include objectives, activities, and a [Duration]-minute timeline for [Year Group]."
9. "Create a list of engaging activities to teach the concept of narrative perspective to [Year Group] in a [Duration]-minute lesson. Include success criteria and assessment methods."

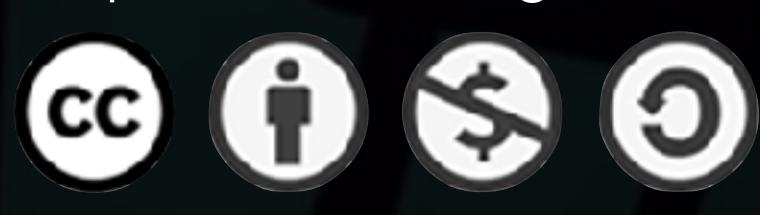
## Quiz Creation

10. "Generate a multiple-choice quiz on the characters and plot of [Book] suitable for [Year Group]."
11. "Create a fill-in-the-blank quiz on famous lines from [Author]'s works suitable for [Year Group]."
12. "Design a crossword puzzle using key terms related to [Literary Period, e.g., Romanticism] suitable for [Year Group]."

## Miscellaneous

13. "Compile a list of recommended reading for students interested in [Genre or Theme], suitable for various reading levels within [Year Group]."
14. "Provide tips for encouraging reluctant readers in [Year Group] to engage with [Book]."
15. "Generate a template for students in [Year Group] to use when peer-reviewing essays on [Topic in English]."

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# 15 ChatGPT Prompts for Maths teachers

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## Workload Reduction

1. "Create a [Duration]-minute lesson plan on [Specific Topic] for [Year Group] following the [Insert course or curriculum] in [Insert your country] using Direct Instruction. Include objectives, activities, and assessments."
2. "Design a marking scheme for [Maths Topic] assignments for [Year Group] following the [Insert course or curriculum] in [Insert your country]."
3. "List common student queries on [Maths Topic] for [Year Group] following the [Insert course or curriculum] in [Insert your country] and generate simple explanations for each query."

## Resource Creation

4. "Make flashcards for key formulae in [Maths Topic] for [Year Group] following the [Insert course or curriculum] in [Insert your country]."
5. "Summarise key concepts and formulae of [Maths Topic] for [Year Group] following the [Insert course or curriculum] in [Insert your country]."
6. "Create challenging problems on [Maths Topic] for [Year Group] following the [Insert course or curriculum] in [Insert your country] using [Insert taxonomy, e.g. Blooms/SOLO] taxonomy."

## Lesson Planning

7. "Plan a [Duration]-minute lesson on real-world applications of [Maths Topic] for [Year Group]."
8. "Step-by-step guide for teaching [Maths Topic] in [Duration] minutes for [Year Group]."
9. "Plan a [Duration]-minute lesson on [Maths Topic] for [Year Group] using dual coding and think/pair/share activities. Include specific steps for visual and verbal encoding, as well as collaborative problem-solving."

## Quiz Creation

10. Generate a "Multiple-choice quiz on [Maths Topic] for [Year Group]."
11. Generate a "Fill-in-the-blank quiz on formulae in [Maths Topic] for [Year Group]."
12. "Design a puzzle on [Maths Topic] for [Year Group] to help them with their retrieval practice on the topic."

## Miscellaneous

13. "Provide a set of evidence-based strategies and tips for supporting [Year Group] students who are struggling with [Maths Topic]. Include recommendations for formative assessments and scaffolding techniques."
14. "Generate a peer-review template for [Year Group] Maths assignments. Include sections for rating and commenting on 'Problem Clarity,' 'Methodology,' 'Calculation Accuracy,' 'Presentation,' and 'Overall Impressions.'"
15. "Develop a set of enrichment activities related to [Maths Topic] for [Year Group] following the [Insert course or curriculum] in [Insert your country]. Include real-world applications, extension tasks, and cross-curricular links to subjects like Physics or Computer Science."

# 15 ChatGPT Prompts for Science teachers

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## Workload Reduction

1. "List common student queries on [Specific Science Topic] for [Year Group] following the [Insert course or curriculum] in [Insert your country]. Include explanations and examples suitable for this age group."
2. "Create a mark scheme for assessing lab reports on [Specific Experiment] for [Year Group] following the [Insert course or curriculum] in [Insert your country]. Include categories for methodology, analysis, and conclusions."
3. "Generate a template for weekly lesson summaries in [Specific Science] for [Year Group] following the [Insert course or curriculum] in [Insert your country]. Include key points, homework assignments (with mark scheme), and keyword plus definitions cards."

## Resource Creation

4. "Design a set of flashcards for key terms in [Specific Science Topic] for [Year Group] following the [Insert course or curriculum] in [Insert your country]. Include definitions, examples, and images where applicable."
5. "Summarise key concepts on [Specific Science Topic] suitable for [Year Group] following the [Insert course or curriculum] in [Insert your country]."
6. "Compile a list of reputable online resources for [Specific Science Topic] suitable for [Year Group] following the [Insert course or curriculum] in [Insert your country]. Annotate each with its level of difficulty and type of content."

## Lesson Planning

7. "Outline a lesson plan focusing on [Specific Science Topic] for a [Duration]-minute lesson for [Year Group] following the [Insert course or curriculum] in [Insert your country]. Include learning objectives, activities, and assessment methods."
8. "Provide a step-by-step guide for teaching [Specific Science Topic] using a hands-on experiment. Include objectives, materials needed, and a [Duration]-minute timeline for [Year Group] following the [Insert course or curriculum] in [Insert your country]."
9. "Generate a list of discussion questions related to ethical considerations in [Specific Science Topic] for [Year Group] following the [Insert course or curriculum] in [Insert your country]."

## Quiz Creation

10. "Create a multiple-choice quiz on [Specific Science Topic] suitable for [Year Group] following the [Insert course or curriculum] in [Insert your country]. Include questions that test both factual knowledge and conceptual understanding."
11. "Design a fill-in-the-blank quiz on key terms and concepts in [Specific Science Topic] for [Year Group] following the [Insert course or curriculum] in [Insert your country]."
12. "Generate a practical lab quiz that tests the students' skills in conducting a specific experiment in [Specific Science] for [Year Group] following the [Insert course or curriculum] in [Insert your country]."

## Miscellaneous

13. "Compile a list of engaging documentaries or video resources related to [Specific Science Topic] suitable for [Year Group] following the [Insert course or curriculum] in [Insert your country]. Annotate each with its key learning points and potential discussion questions."
14. "Generate a detailed plan for a [Duration]-minute experiment on [Specific Topic, e.g., chemical reactions, plant growth] for [Year Group] following the [Insert course or curriculum] in [Insert your country]. Include objectives, materials needed, safety precautions, and step-by-step procedures."
15. "Create a guide on how to use [Specific Software, e.g., Excel, Google Sheets] for data analysis in [Specific Science]. Include step-by-step instructions for basic functions like creating graphs, calculating averages, and performing simple statistical tests for [Year Group]."



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# 15 ChatGPT Prompts for MFL teachers

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## Workload Reduction

1. "Develop a 'Language Bingo' game focussed on [target vocab]. This serves as a self-directed learning and assessment tool for [Year Group] learning [Insert language or course/curriculum] in [Insert your country]."
2. "Create a set of 'Quick Fire Questions' on flashcards that incorporate [target vocab]. This reduces the time spent on formal assessments for [Year Group] learning the [Insert language or course/curriculum] in [Insert your country]."
3. "Generate a set of conversation starters and questions in [target language] related to the [current key vocab or field of learning/study] in [Insert language or course/curriculum]."

## Speaking

4. "Generate a list of 'Language Challenges,' in [target language] such as tongue twisters or quick debates, for a [Duration]-minute lesson. Include objectives, direct instruction elements, and assessment methods to improve speaking and listening skills for [Year Group] in [your country]."
5. "Design a 'Talk Show' lesson plan for a [Duration]-minute lesson where students take on the roles of host, guest, and audience. Include objectives and assessment methods, focusing on different speaking styles like interviewing and storytelling in [Specific Language]"
6. "Create a 'Cultural Exchange Fair' lesson plan for a [Duration]-minute lesson where students prepare and present on various cultural aspects of the target language country, such as food, music, or traditions. Include objectives and assessment methods, adding a speaking component where they must interact with 'visitors' in [target language]."

## Listening/Comprehension

7. "Develop a 'Listening Scavenger Hunt' where students have to listen to a dialogue or story and find specific information or keywords for [Year Group] learning the [Insert language or course/curriculum] in [Insert your country]."
8. "Create a 'Podcast Review' assignment where students listen to a podcast in [target language] and then discuss or write about its main points and new vocabulary they learned."
9. "Design a 'Movie Clip Quiz' where students watch short clips from films in [target language] and answer comprehension questions for [Year Group] learning the [Insert language or course/curriculum] in [Insert your country]."

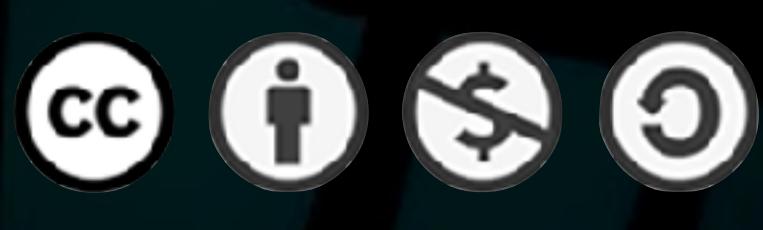
## Writing

10. "Generate a list of 'Creative Writing Prompts' that focus on using new vocabulary and complex sentences for [Year Group] learning the [Insert language or course/curriculum] in [Insert your country]."
11. "Design a 'Pen Pal Exchange' project where students correspond with students from a country where [target language] is spoken. Include objectives and assessment methods for [Year Group] learning the [Insert language or course/curriculum] in [Insert your country]."
12. "Create a 'Language Portfolio' template where students can compile their best written work, along with reflections on their progress, for [Year Group] learning the [Insert language or course/curriculum] in [Insert your country]."

## Miscellaneous

13. "Generate a list of 'Cultural Exploration Activities,' from [target country] such as cooking a traditional dish or exploring a cultural festival, that students can do outside of class for extra credit."
14. "Create a 'Language Learning Roadmap' template that outlines the key milestones and objectives for the academic year for [Year Group] learning [target language]."
15. "Design a 'Virtual Field Trip' lesson plan for a [Duration]-lesson where students explore a city or region where the target language is spoken, using online resources. Include objectives and assessment methods for [Year Group] learning [target language]."

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# 15 ChatGPT Prompts for History teachers

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## Workload Reduction

1. "Generate a list of key terms and definitions for the [current unit or topic] to distribute to [Year Group] learning about [specific historical period or event], reducing the time spent on vocabulary instruction."
2. "Create a set of 'Quick Fire Questions' that can be used for spontaneous classroom quizzes or entry/exit tickets, reducing the time spent on formal assessments for [Year Group] learning about [specific historical period or event] in [Insert course/curriculum]."
3. "Generate a list of quotes and the names of the individuals who said them, related to [specific historical period or event]. This can be used in a mix and match exercise to help [Year Group] learning [Insert course/curriculum] in [Insert your country] identify who said which quote."

## Resource creation

4. "Design a timeline template focusing on [specific historical period or event] that can be filled in by students as they learn, for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
5. "Generate a list of primary and secondary sources related to [specific historical period or event] for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
6. "Create a 'Historical Figure Profile' template that students can use to research and present on various historical figures, for [Year Group] learning [Insert course/curriculum] in [Insert your country]."

## Lesson Planning

7. "Develop a lesson plan focused on [specific historical event or period] for a [Duration]-minute lesson. Include objectives, direct instruction elements, and assessment methods for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
8. "Design a 'Debate Day' lesson plan where students argue for or against a particular historical decision or action. Include objectives and assessment methods for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
9. "Create a 'Historical Investigation' lesson plan for a [Duration]-minute lesson, where students use primary and secondary sources to answer a historical question around [specific historical period or event] that they are studying. Include objectives and assessment methods for [Year Group] learning [Insert course/curriculum] in [Insert your country]."

## Quiz Creation

10. "Generate a multiple-choice quiz focusing on [specific historical period or event] with an answer key for [Year Group], with increasing complexity linked to [your choice e.g. Bloom's/ SOLO] taxonomy."
11. "Design a 'Picture Quiz' where students have to identify historical figures, artefacts, or locations related to [specific historical period or event] for [Year Group]"
12. "Create a 'Fill-in-the-Blank' quiz based on [specific historical period or event] for [Year Group] learning [Insert course/curriculum] in [Insert your country]."

## Miscellaneous

13. "Generate a list of 'Extra Credit Opportunities' related to [specific historical period or event], such as museum visits or book reviews, that students can complete for additional credit."
14. "Generate key dates and brief event descriptions for [specific historical period or event]. Ideal for a timeline activity for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
15. "Design a 'Virtual Field Trip' lesson plan where students explore a historical site or museum using online resources. Include objectives and assessment methods for [Year Group] learning [Insert course/curriculum] in [Insert your country]."



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# 15 ChatGPT Prompts for Geography teachers

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## Workload Reduction

1. "Generate a list of geographical terms and their definitions related to [current unit or topic], reducing the time spent on vocabulary instruction for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
2. "Create a set of 'Geography Quick Facts' cards related to [current unit or topic] for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
3. "Generate a detailed outline for a presentation on [geographical topic], to include a multiple-choice quiz with answers. Designed to speed up lesson resource creation for [Year Group] learning [Insert course/curriculum] in [Insert your country]."

## Resource creation

4. "Generate a set of flashcards featuring key geographical landmarks and their locations, suitable for quick classroom activities or revision for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
5. "Generate a list of case studies related to [specific geographical issue], each with an overview and explanation of its relevance to [specific geographical issue], for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
6. "Generate a GIS (Geographic Information System) activity using ESRI's ArcGIS platform focused on [specific geographical issue or topic]. Include step-by-step instructions and learning objectives for [Year Group] in [Insert your country]."

## Lesson Planning

7. "Develop a lesson plan focused on [specific geographical issue or topic] for a [Duration]-minute lesson. Include objectives, direct instruction elements, and assessment methods for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
8. "Design a 'Geography Game Day' lesson plan incorporating interactive games like 'Geography Bingo' focused on [geography topic] for a [Duration]-minute lesson. Include objectives, assessment methods, and create the bingo cards with facts and a set of flashcards for quick recall activities for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
9. "Create a 'Virtual Field Study' lesson plan for a [Duration]-minute lesson where students use data on [local geographical feature] from the Internet. Include objectives and assessment methods for [Year Group] learning [about topic] on [their course]."

## Quiz Creation

10. "Generate a multiple-choice quiz focusing on [specific geographical issue or topic] with an answer key for [Year Group] learning [Insert course/curriculum] in [Insert your country], with increasing complexity linked to [your choice e.g. Bloom's/SOLO] taxonomy."
11. "Design a 'Map Quiz' where students have to identify countries, capitals, or geographical features related to [specific geographical issue or topic] for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
12. "Create a 'Weather and Climate' fill-in-the-blank quiz for [Year Group] learning [Insert course/curriculum] in [Insert your country]."

## Miscellaneous

13. "Generate a list of 'Extra Credit Opportunities' related to [specific geographical issue or topic], such as eco-friendly projects or local field visits, for [Year Group] studying Geography."
14. "Generate a set of debate topics and accompanying resources related to [specific geographical issue or topic]. Include key arguments for and against, as well as relevant data and statistics, for [Year Group] learning about [topic] in [Insert your country]."
15. "Design a 'Virtual Expedition' lesson plan where students explore a geographical location using online resources like Google Earth. Include objectives and assessment methods for [Year Group] learning [Insert course/curriculum] in [Insert your country]."

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# 24 ChatGPT Prompts for Computing teachers (KS1-2)

## Key Stage 1

### Lesson Planning

1. "Design a [Duration]-minute lesson plan to introduce Key Stage 1 pupils to 'what algorithms are' studying Computing. Include objectives, direct instruction elements, and assessment methods."
2. "Create a [Duration]-minute lesson plan that teaches Key Stage 1 pupils 'how to debug simple programs' studying Computing. Include objectives and assessment methods."

### Workload Reduction

3. "Generate text to use for presentation slides to generate images for wall displays on 'common uses of information technology beyond school' for Key Stage 1 pupils studying Computing."
4. "Create a set of questions and answers that can be used for a quick quiz on 'using technology safely and respectfully' for Key Stage 1 pupils studying Computing."

### Resource Creation

5. "Create a set of flashcards with key terms and definitions related to 'algorithms and programs' that can be easily added to Canva to create a presentation that can be used in class for Key Stage 1 pupils studying Computing in [Insert your country]."
6. "Design an outline for a 'Digital Safety' poster template that can be filled in by Key Stage 1 pupils studying Computing."

## Key Stage 2

### Lesson Planning

1. "Design a [Duration]-minute lesson plan to introduce Key Stage 2 pupils to 'designing, writing, and debugging programs' studying Computing. Include objectives, direct instruction elements, and assessment methods."
2. "Create a [Duration]-minute lesson plan that teaches Key Stage 2 pupils 'how computer networks, including the internet, work' studying Computing. Include objectives and assessment methods."

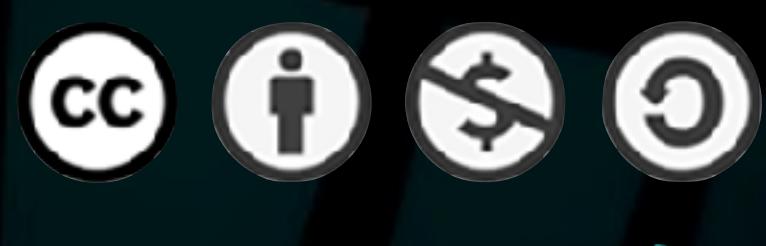
### Workload Reduction

3. "Generate text to use to create presentation slides that can be used for wall displays on 'using search technologies effectively' for Key Stage 2 pupils studying Computing."
4. "Compile a list of multiple-choice questions with answers on 'computer networks and the internet' for Key Stage 2 pupils studying Computing."

### Resource Creation

5. "Create a set of flashcards with key terms and definitions related to 'sequence, selection, and repetition in programs' that can be easily added to Canva to create a presentation that can be used in class for Key Stage 2 pupils studying Computing."
6. "Design a 'Coding Basics' interactive worksheet template that students can fill in as they learn, for Key Stage 2 pupils studying Computing."

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# 24 ChatGPT Prompts for Computing teachers (KS3-4)

## Key Stage 3

### Lesson Planning

1. "Design a [duration]-minute lesson plan on 'computational abstractions that model real-world problems' for Key Stage 3 pupils studying Computing. Include objectives, direct instruction elements, and assessment methods."
2. "Design an engaging and creative [duration]-minute lesson plan on 'Boolean Logic and Its Uses in Circuits and Programming' for Key Stage 3 pupils studying Computing. Include objectives, direct instruction elements, and assessment methods. Create a quick puzzle or riddle for the introduction, real-world examples, code snippets, and a multiple-choice quiz with answers."

### Workload Reduction

3. "Generate text to use to create presentation slides that can be used for wall displays on 'how numbers can be represented in binary' for Key Stage 3 pupils studying Computing."
4. "Create a set of discussion prompts around 'using technology safely, respectfully, responsibly, and securely' for Key Stage 3 pupils studying Computing."

### Resource Creation

5. "Generate a list of online resources that teach 'key algorithms that reflect computational thinking' for Key Stage 3 pupils studying Computing."
6. "Create a set of flashcards with key terms and definitions related to 'data structures like lists, tables, or arrays' for Key Stage 3 pupils studying Computing."

## Key Stage 4

### Lesson Planning

1. "Design a [duration]-minute lesson plan on 'the impact of digital media on society' for Key Stage 4 pupils studying cross-curricular Computing. Include objectives, direct instruction elements, assessment methods, and an activity to demonstrate learning."
2. "Create a [duration]-minute lesson plan on 'cybersecurity and ethical hacking' for Key Stage 4 pupils studying cross-curricular Computing. Include objectives, direct instruction elements, assessment methods, and an activity to demonstrate learning."

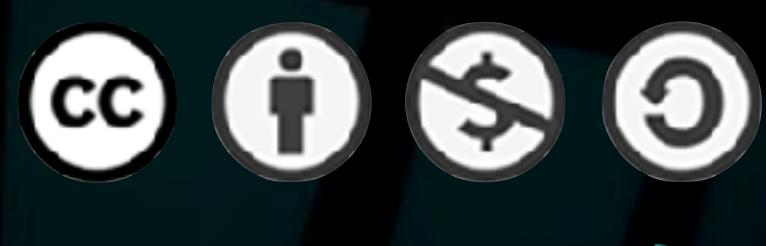
### Workload Reduction

3. "Generate a list of discussion questions related to 'the role and impact of artificial intelligence in society' that can be used in multiple lessons for Key Stage 4 pupils studying cross-curricular Computing."
4. "Compile a list of key terms and definitions related to 'changes in technology affecting safety and online privacy' for Key Stage 4 pupils studying Computing."

### Resource Creation

5. "Generate a list of online resources that demonstrate/share 'how changes in technology affect safety, including new ways to protect online privacy and identity' for Key Stage 4 pupils studying cross-curricular Computing."
6. "Create a set of flashcards with key terms and definitions related to 'Cybersecurity and Ethical Hacking' that can be easily added to a Canva presentation for use in class for Key Stage 4 pupils studying cross-curricular Computing."

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# 15 ChatGPT Prompts for Business Studies teachers

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## Workload Reduction

1. "Generate a list of key business terms and their definitions related to [current unit or topic], designed to help students with retrieval practice and promote self-testing for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
2. "Create a set of discussion questions related to [current business topic or case study], complete with model answers, to facilitate classroom discussion and reduce prep time for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
3. "Generate a template for a SWOT analysis related to [specific business case study], including guiding questions to help students fill it in, for [Year Group] learning [Insert course]."

## Resource creation

4. "Generate a list of questions and activities related to the 7Ps of the marketing mix (Product, Price, Promotion, Place, People, Packaging, Process) for [Year Group] learning [Insert course]."
5. "Create a set of case study summaries related to [specific business topic or sector], each accompanied by key discussion points, for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
6. "Create a set of mix-and-match flashcards covering key terms and definitions related to business legislation (e.g., Employment Law, Health and Safety Law, Consumer Law). Designed to facilitate quick review and self-testing for [Year Group] learning [Insert course]."

## Lesson Planning

7. "Design a lesson plan focused on [specific business topic or sector] that incorporates real-world examples, objectives, and assessment methods for a [Duration]-minute lesson for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
8. "Generate a lesson plan for teaching 'Business Structures' ([insert business types here]) that includes a variety of teaching methods and assessments for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
9. "Create a lesson plan for a [Duration]-minute lesson on 'An introduction to [insert topic here, e.g. Human Resources],' including objectives, direct instruction elements, and assessment methods for [Year Group] learning [Insert course/curriculum] in [Insert your country]."

## Quiz Creation

10. "Generate a quiz on 'Market Research Methods' with multiple-choice, true/false, and short-answer questions, including the answer key, for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
11. "Create a quiz on '[your choice e.g. Influences – Economic climate on business],' incorporating case studies and scenarios, for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
12. "Design a quiz on '[your choice e.g. Globalisation],' including questions that require critical thinking and application, for [Year Group] learning [Insert course/curriculum] in [Insert your country]."

## Miscellaneous

13. "Generate a list of 'Entrepreneurial Challenges,' such as pitch competitions or business simulations, complete with rules and judging criteria, for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
14. "Create a 'Business Book Club' reading list, complete with discussion questions for each book, aimed at enriching business knowledge for [Year Group] learning [Insert course/curriculum] in [Insert your country]."
15. "Generate a list of key business leaders and their contributions for a 'Who's Who in Business' activity for [Year Group] learning [Insert course/curriculum] in [Insert your country]."



# 15 ChatGPT Prompts for Religious Studies teachers

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## Workload Reduction

1. "Generate a list of discussion questions around [Insert Topic] that can be used for multiple lessons, reducing the time spent on lesson preparation for [Year Group] studying Religious Studies."
2. "Create a set of flashcards with key terms and definitions related to [Insert Topic] for [Year Group] studying Religious Studies."
3. "Create a bank of essay questions on [Insert Topic] that can be used for assessments, reducing the time spent on exam preparation for [Year Group] studying Religious Studies."

## Resource creation

4. "Design a 'Comparative Religion' interactive worksheet that students can fill in as they learn, for [Year Group] studying Religious Studies."
5. "Create a set of case studies related to [Insert Topic] for [Year Group] studying Religious Studies."
6. "Compile a list of multimedia resources, such as videos and articles, related to [Insert Topic] for [Year Group] studying Religious Studies."

## Lesson Planning

7. "Design a [duration]-minute lesson plan on [Insert Topic] for [Year Group] studying Religious Studies. Include objectives, direct instruction elements, assessment methods, and an activity for students to demonstrate learning."
8. "Create a [duration]-minute lesson plan that incorporates various religious perspectives on [Insert Topic] for [Year Group] studying Religious Studies. Include objectives, direct instruction elements, assessment methods, and an activity for students to demonstrate learning."
9. "Plan a [duration]-minute lesson that explores the historical context of [Insert Topic] for [Year Group] studying Religious Studies. Include objectives, direct instruction elements, assessment methods, and an activity for students to demonstrate learning."

## Quiz Creation

10. "Generate a multiple-choice quiz on [Insert Topic] with answers and explanations for [Year Group] studying Religious Studies. Questions should increase in complexity linked to [insert taxonomy, e.g. Blooms/SOLO] taxonomy."
11. "Create a 'True or False' quiz on [Insert Topic] with answers and explanations for [Year Group] studying Religious Studies. Questions should increase in complexity linked to [insert taxonomy, e.g. Blooms/SOLO] taxonomy."
12. "Design a 'Fill in the Blanks' quiz on [Insert Topic] with answers and explanations for [Year Group] studying Religious Studies. Questions should increase in complexity linked to [insert taxonomy, e.g. Blooms/SOLO] taxonomy."

## Miscellaneous

13. "Create a 'Religious Studies Glossary' that students can add to throughout the year, for [Year Group] studying Religious Studies."
14. "Design a 'Religious Timeline' template that students can fill in as they learn about different religious events and figures, for [Year Group] studying Religious Studies."
15. "Generate a list of recommended reading materials, such as books and articles, related to [Insert Topic] for [Year Group] studying Religious Studies."



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# Useful resources

The most important factor in any classroom that can make a difference to learning and progress is the teacher. Yes EdTech can help, but the teacher is the most important element. With that in mind, when it comes to working with prompts, I'd strongly urge you to consider my STAIR approach which should help you with getting the most out of your work with AI:

Be precise and specific with your language.

Tell it exactly what you want it to do in minutiae.

Don't just give it one activity, give it the lot and explain what you want.

Be prepared for it to not get it right the first time. Iteration is essential!

Help the GenAI know what to do by giving it a role, e.g. Year 6 teacher.

**Specific**

**Tell**

**Activity**

**Iterate**

**Role**

Of course, no person is an island and so with a good PLN (Professional learning network) we can all learn and be inspired!

With that in mind, here are a few publications and articles that have piqued my interest around the topic and are well worth a read (spoiler alert, I've written some of them!).

- [Understanding AI for School - Tips for school leaders](#) (Teacher Development Trust / ISTE)
- [Use of AI in Education Policy \(template\)](#) - Mark Anderson (me) and Laura Knight
- [AI in Education: Teachers](#) - Rachel Arthur
- [Ten Steps to Starting with ChatGPT in Your Classroom](#) - Mark Anderson
- [6 Things Teachers Do That AI Can't](#) - Education Week/ Lauraine Langreo
- [Teaching with AI](#) - OpenAI
- [AI's Edu Recommends](#) - AI Kingsley's weekly newsletter always jam-packed with AI insights
- [Artificial Intelligence and the Future of Teaching and Learning](#) - US Office of EdTech



# And that's a wrap

Thank you for taking the time to have a look at these resources. I truly hope you find them useful.

Please do remember a key directive when thinking about creating your own prompts from UK Government around minimising harm. In their guidance document '[Generative artificial intelligence in education](#)' they are very clear:

"Personal and sensitive data must be protected and therefore must not be entered into generative AI tools"

"Education institutions must continue to protect their students from harmful content online, including that which might be produced by generative AI."

Whilst this is UK specific advice, being mindful that this resource will have a global audience, I think this advice is common sense for all.

To bring things to a close, I'd just like to thank everyone who I work with, have worked with and the many thousands of educators around the world that have inspired me over the years. I wouldn't be able to create things such as this without the many things I have learned from you.

Don't forget that my EdTech Playbook that I'm authoring with Olly Lewis will be available soon. You can sign up for updates related to that by visiting [edtechplaybook.co.uk](http://edtechplaybook.co.uk).

To learn more about the work I do or to get in touch about the opportunity to work with me in supporting you with training or consultancy around all forms of impactful uses of technology, digital citizenship, digital strategy and more, please do [get in touch via my website](#)

Mark





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