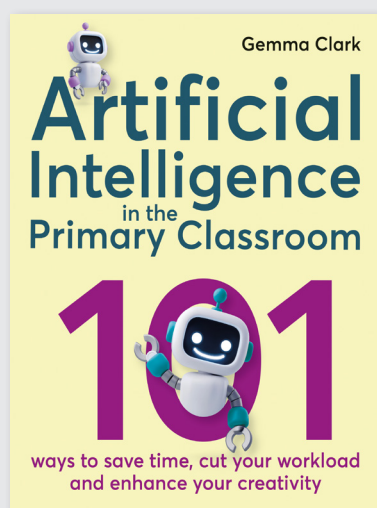


P R E S S R E L E A S E

“*Artificial Intelligence in the Primary Classroom* has played a crucial role in helping me overcome the initial uncertainty and confusion surrounding the topic. It has not only provided me with valuable guidance and ideas, but has also instilled in me the much-needed confidence to delve into the world of AI.”

– **Toria Bono**, teacher, leader and author of *Tiny Voices Talk Education, Engagement, Empowerment*



Artificial Intelligence in the Primary Classroom **101 ways to save time, cut your workload and enhance your creativity**

By Gemma Clark

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A comprehensive guide that presents 101 innovative ways to effectively integrate artificial intelligence into primary education, enhancing learning experiences and streamlining administrative tasks for teachers.

Artificial Intelligence in the classroom: saving you time, cutting your workload and enhancing your creativity

Artificial intelligence (AI) refers to “technology that can be used to create new content based on large volumes of data that models have been trained on from a variety of works and other sources.”¹ Ever since the public release of ChatGPT, Google Bard and Claude 2 in 2023, AI has been revolutionising learning in schools around the world. And with a new AI-powered tool from Apple already pending, it feels as if the movement is advancing with dizzying speed. But this is only the tip of the iceberg.

As AI begins to pervade our lives, will it inhibit human connection and cause harm, or, with platforms like ChatGPT offering ‘therapeutic’ conversations, will it lead to a less stressful world? Will more advanced AI be an equaliser for neurodiverse pupils (and staff) or those with learning difficulties, or will it leave some pupils further behind?

AI undoubtedly sparks a huge debate among teachers and school leaders. Many questions arise about the trajectory of this new technology and where it will take us. How will we differentiate between student-authored work and AI-generated content? Will it lead to a loss of creativity and critical thinking skills? What impact will it have on the dynamics of learning and teaching within schools? These are all crucial topics for discussion, yet AI has already become part of our reality, and experienced primary teacher, activist and author Gemma Clark firmly believes that embracing its potential is in our best interests.

In an era defined by technological advancements, Gemma’s insightful new book, *Artificial Intelligence in the Primary Classroom*, is an indispensable resource that holds the key to transforming teaching and learning. For educators burdened by bureaucratic tasks that divert precious time from actual teaching, this book offers a lifeline. It showcases how AI-powered tools can alleviate administrative burdens, enabling teachers to focus on the important job of nurturing young minds and target their energy and resources into higher-impact activities, such as crafting tailored learning experiences, giving children personalised feedback, and improving engagement. From time-consuming tasks like lesson planning, assessment, marking and automating report-writing processes to facilitating content creation, the book details tangible methods in which AI can streamline workflows, improve teaching and restore work-life balance. Other examples include:

- **Spelling Lessons:** Save time when planning your spelling lessons by using AI to automatically generate a comprehensive list of phonemes or ‘sounds suitable for teaching young children.’

1 Department for Education, ‘Generative artificial intelligence (AI) in education’, Gov.uk, October 2023. Available at: <https://www.gov.uk/government/publications/generative-artificial-intelligence-in-education/generative-artificial-intelligence-ai-in-education#:~:text=Generative%20AI%20%3A,trained%20on%20the%20English%20curriculum>

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- **PE Lessons:** You don't have to be an expert in sport to teach PE. Whether it's tennis, football, rugby or running, AI can offer suggestions for activities, warm-ups and cool-downs to use in your PE lessons.
- **Art Lessons:** AI can be an excellent resource for planning art lessons, especially when you're seeking suggestions for ways in which to emphasize one of the eight elements: line, shape, form, colour, texture, space, and value.
- **Maths Lessons:** As with spelling, AI can significantly reduce the time spent on creating maths questions and simplify the process of differentiation.

Artificial Intelligence in the Primary Classroom is filled with practical strategies, engaging activities and useful tips and tricks that will save teachers time and energy. Gemma provides transferrable ideas and lesson plans with step-by-step instructions that can be adapted and used in secondary settings as well as primary. Backed up by real-world examples throughout, this book empowers teachers and school leaders to embrace AI as a tool in fostering enhanced learning experiences, while also reclaiming invaluable time for pedagogical creativity.

Gemma is an advocate for pupil and teacher wellbeing and is passionate about creating innovative ways to inspire a love for learning and a positive school experience for all. She says: "Whatever your views on AI are, it is here now, and there is no denying that it is going to reshape the way school staff work and learn. For too long, excessive workload has left many educators burned out and exhausted. This has been exacerbated by the increasing challenges of the profession, especially in the wake of COVID-19. This is where AI can step in as a transformative ally.

AI has the capacity to revolutionise the teaching profession, making it more accessible, personalised and effective. Teachers and school leaders shouldn't meet this paradigm shift with trepidation; rather, they should welcome it as a long-awaited remedy to the workload conundrum."

Suitable for primary school teachers of all levels of experience.

"This text provides a plethora of activities and insights into how AI can be utilised positively to support learning, reduce teacher workload, and inspire pupils in our primary classrooms. If you haven't considered how AI can reduce your workload, aid personalised learning and help you restore a work-life balance, this is the book for you!"

- Dr Poppy Gibson, Course Lead and Senior Lecturer in Primary Education, Anglia Ruskin



About the author

Gemma Clark is an experienced primary teacher based in Scotland. She is dedicated to student and teacher wellbeing and creating innovative ways to inspire a love for learning. Gemma also holds a degree in psychology, teaches yoga, mindfulness, and meditation and manages a teacher wellbeing group.

Articles and interviews available

Gemma is available for interview, expert comment or by-lined articles on a range of topics, such as:

- AI: what is it and where will it take us?
- How can teachers use AI to save time, cut their workload and enhance creativity?
- How do you effectively integrate AI into primary education?
- How can teachers actually use AI in the classroom?
- Lesson planning, assessments and marking... How can teachers use AI to streamline time-consuming tasks and alleviate administrative burdens?
- How AI helped me find my love for teaching again
- Can AI help to restore a positive work-life balance and enhance staff and pupil wellbeing?
- How AI is a game changer for dyslexic teachers
- Why student teachers should embrace AI
- How will we differentiate between student-authored work and AI-generated content?
- What impact will AI have on the dynamics of learning and teaching within schools?

Scan to learn more:

