



## AI - AI for teachers

Empowering planning, teaching, learning & assessment.

Format: Online

Course duration: 20 hours

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Enrol €89.00

### **ABOUT THE COURSE**

Have you ever dreamed of having your very own teaching assistant by your side at all times?

Well, you most certainly can return to school this September with this dream realised. It's called 'Artificial Intelligence' or 'AI' for short.

When you combine your Actual Intelligence with Artificial Intelligence, you get a whole new YOU! You can now do everything you need to do as a teacher, but you can do it better, and you can do it so much faster.

Use the AI tools and techniques, knowledge and understandings of this course to:

- Simplify lesson planning
- Improve differentiation

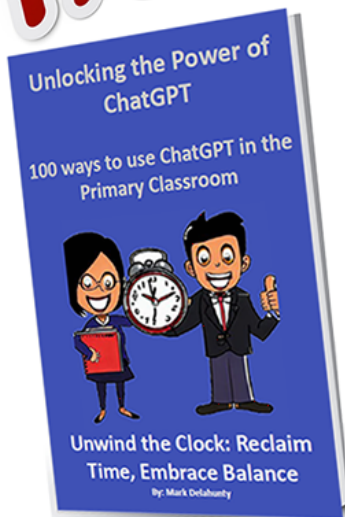
- Build assessments
- Draft IEPs
- Get inspired with new ideas
- Design exciting resources
- Create engaging material
- Scope integrated STEAM units with one click
- Streamline administration
- ..... and unleash a whole new creative you powered by intuitive AI

Not only that, but CPD College has commissioned Mark Delahunty, practising primary teacher, author, and highly regarded expert on AI in education, to bring you his wisdom, insights and best practices. Mark's book 'Unlocking the Power of ChatGPT - 100 ways to use ChatGPT in the Primary Classroom', will be available FREE to all participants.

**Free**

## 64 page ebook to all participants

*Wow - all 60 of the topics below are detailed & developed. You'll be a veritable AI machine come September.*



Contents
1. Prompt Engineering
2. Planning
3. Continue the Conversation
4. Resource Creation
5. Copying and Pasting
6. Work-Life Balance
7. Differentiation
8. Ethical Guidelines
9. Assessment
10. Administrative
11. Other AI Tools
12. Literacy
13. Numeracy
14. Introducing AI with Students
15. STEM/SESE
16. Other Uses
17. Limitations

ChatGPT for Planning
1. Unit Plan
2. Lesson Plan
3. Learning Activities
4. Key Questions
5. Subject Integration
6. Lesson outcomes
7. Interdisciplinary projects
8. Station Teaching
9. Planning for Critical Thinking
10. Gamifying your Lessons

ChatGPT for Differentiation
1. By Learning Objective
2. Smart Targets
3. By Resource
4. Tiered Assignments
5. Intelligence Type
6. By Question
7. Case Study
8. Case Study
9. UDL
10. Ultimate Differentiation Prompt

ChatGPT for Assessment
1. Multiple Choice Questions
2. End of Unit Tests
3. Checklists
4. Whole School Checklists
5. Rubrics
6. Common Misconceptions
7. Oral Assessments
8. Performance Assessment
9. Quizzes
10. Universal Design for Learning

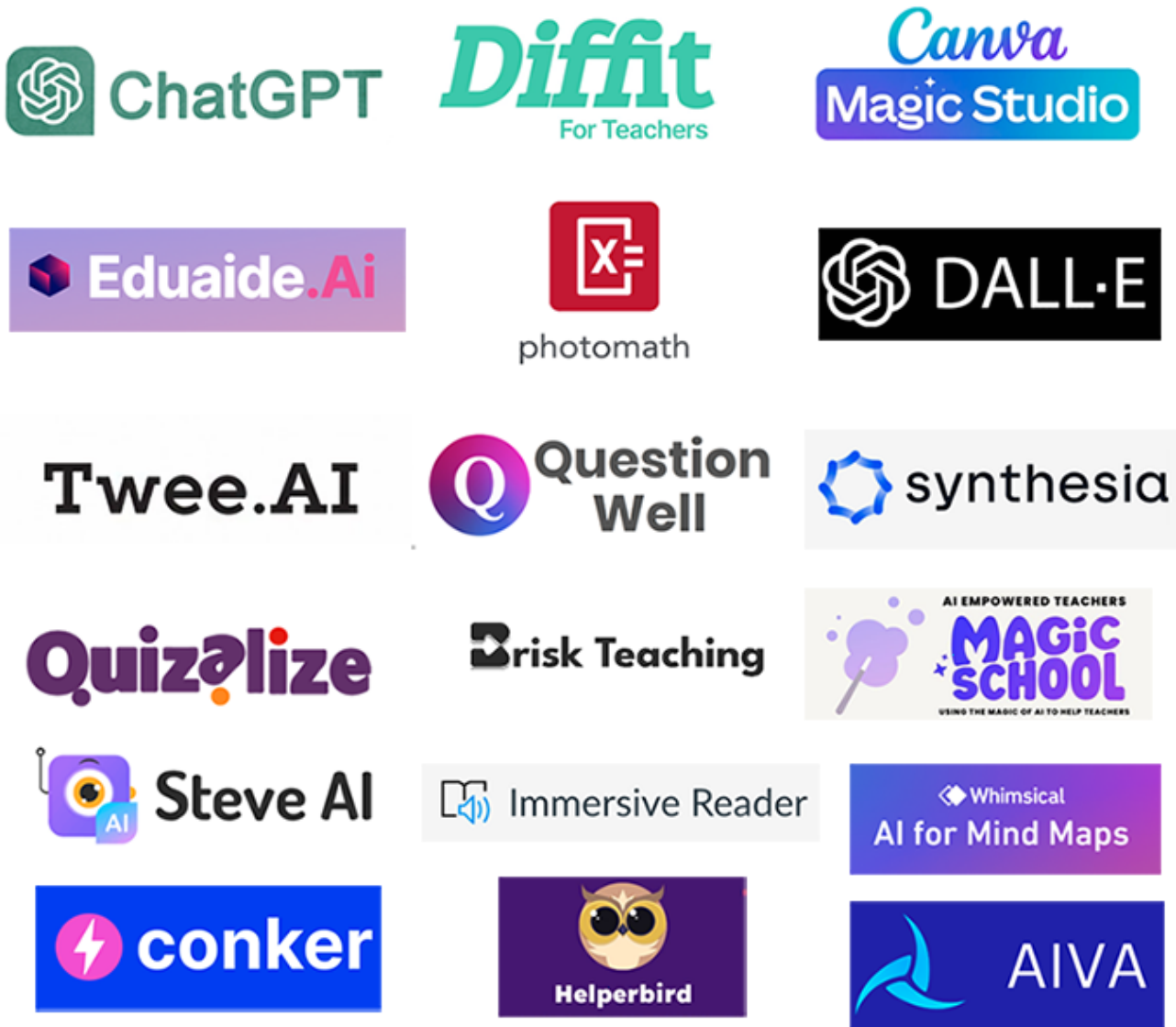
ChatGPT for Admin
1. Emails
2. Surveys
3. Sports Day
4. Whole School Planning
5. Sample Policy
6. Ceremony Ideas
7. Organising Themed Weeks
8. Meeting Agendas
9. Intervention Strategies
10. Speeches

Literacy: Guided Reading and the Writing Process
1. Suggested Books
2. Chapter Summaries
3. Lower Order Questions
4. Building Bridges
5. Comprehension Activities
6. Brainstorming
7. Planning
8. Common Misconceptions
9. Redrafting
10. Grading

Numeracy
1. Mathematical Vocabulary
2. Concrete Activities
3. Real Life Examples
4. Individual Scenarios
5. Word Problems
6. Common Misconceptions
7. Maths Trail
8. Suggested Activities
9. Step by Step Method
10. Computational Thinking

As Mark says: 'Now is the time to embark on this transformative path, where technology becomes an invaluable ally in the pursuit of empowering our students and creating enriching educational experiences, a roadmap to reclaiming time, enhancing learning outcomes, and embracing the future of education'.

Here is just a selection of the many AI tools that we demonstrate in this course.



Let us embark on this remarkable and exciting journey together to discover the best AI tools for the classroom and to reclaim your work/life balance!

**NOTE:**

The on-line format of this course enables you to study at a time and place that best suits your own needs.

**You can access your course anytime until March 31st 2025.**

Within this highly interactive web-based course, a dynamic learning experience awaits. You can interact with your fellow course participants through the in-course chat forums and communication tools provided by the CPD College learning system.

Our friendly and knowledgeable tutors actively support each course, providing expert interaction, guidance and feedback for all participants on chat questions and assignments which call for critical reflection, self-analysis and a reasoned response.

On successful completion of your course, you can download and print off your CPD record and certificate of completion.

We look forward to welcoming you to your course.

## **LEARNING OUTCOMES**

In this course we aim to:

- Provide an operational understanding of the workings of AI
- Explore various AI tools showcasing exemplars of productive application across the curriculum
- Apply AI Tools to empower lesson planning, differentiation, assessment and the creation of exciting and enriching teaching and learning resources
- Address ethical considerations on the use of AI by teachers
- Demonstrate how AI can support planning and administrative tasks
- Educate teachers on AI literacy
- Support teachers to contribute to training, policies & procedures for the effective use of AI in their school
- Provide teachers with a 'good practice' model for using AI
- Communicate National/EU strategy/policy on the use of AI in education

## **MODULES**

**01 - Introduction to AI and Education:** We explore how AI is currently being used to support teaching, learning and assessment in primary schools and reflect on the associated benefits and challenges. The first introduction to the power of ChatGPT is showcased through demonstrations showing how it can support incisive, high-quality language planning, teaching & assessment e.g. creating writing prompts to promote creativity in writing/producing exemplar writing within a genre to guide students/generating poems that example and showcase a style/producing quality oral language conversation starters on themes/outputting tiered comprehension questions/generating assessment checklists & rubrics/levelling a piece of text for a child with a special educational need etc. To provide some context, we reference the national

**02 - AI Explored:** We explore the evolution of AI and its impact on teaching and learning. The incredible role that AI can play in supporting our planning tasks is demonstrated in detail. We delve into the concept of Artificial Intelligence versus Human Intelligence and reflect on the best way forward. Watch out for our AI-generated guests engaging in interviews with real people - what? Yes, this is the AI world we live in. In this module, we also present a number of AI tools and demonstrate how they can be used to create teaching, learning and assessment resources for mathematics, e.g. generate a number of questions to promote 'maths talk' on the topic of the week, e.g. fractions, 3D shapes, weighing etc. AI to produce activities that 'promote playful engagement' with the maths idea/concept of the week, e.g. playful ideas for fractions, time, money, numbers, etc. AI to generate maths topic posters for the IWB, themed vocabulary lists, e.g. time, assessment questions, etc.

**03 - AI Literacy and Ethics:** We examine the concept of AI literacy and the ethical guidelines on the use of AI for teachers. We look into a number of validated AI tools and demonstrate through worked examples how they can be used to help teachers more effectively differentiate by learning objective, by resource, by tiered activity assignment, by question, by activity stations, by methodology, by assessment, by intelligence type etc. AI is the differentiation game changer that supports real, meaningful inclusion.

**04 - ChatGPT - The game changer:** The astonishing impact that ChatGPT can have in supporting the teacher is demonstrated in this module. We cover;

- ChatGPT and why it is so popular
- The limitations and risks associated with ChatGPT
- How ChatGPT works and how to use it
- Designing teaching and learning resources (Worksheets, PowerPoint presentations, Videos, etc)
- Creating engaging learning experiences (Stories, drama, crafts, projects, music, trails etc)
- Assessments (Higher and lower order assessments and rubrics)
- Developing differentiated learning activities
- We showcase, through prompt examples, how ChatGPT can support the generation of learning outcomes on topics
- Creation of success criteria for a lesson
- Setting out structured lesson plans
- Suggesting teaching approaches and methodologies most appropriate to the unit
- Generating integrated cross-curricular themed STEAM units
- Developing a variety of assessments for a given lesson, etc.
- Save so much time on admin tasks (letters, emails, summaries, plans, policies, etc.)

**05 - Planning for the future:** We review the strengths and limitations of AI for teachers. Look out for the AI-generated characters debating this issue. We delve into the concept of collaborative intelligence, and the 'teacher in the loop' model is given a reflective examination. These content categories provide a good context for teachers to finish the course in the position of being sufficiently expert to plan for the effective use of AI in their school. This can be done through the design of policies and procedures on the use of AI and the development of a good practice model. We also demonstrate more AI tools to show that the 'wonder and wow' from this new paradigm for education is perhaps only beginning.