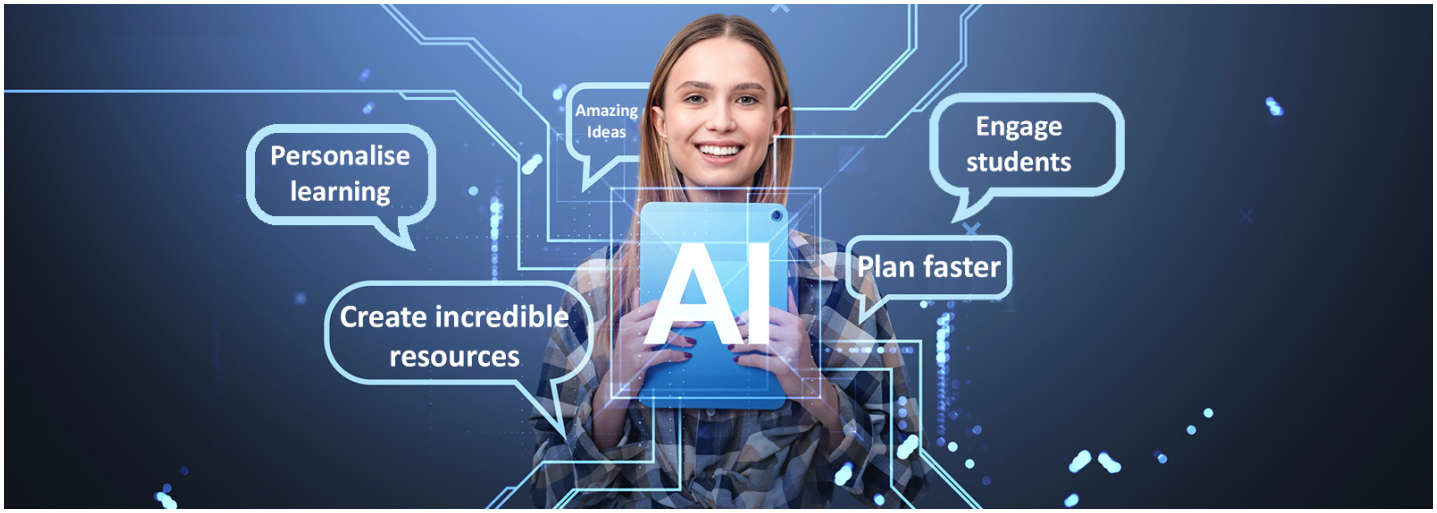


AIINF - AI for Infant Teachers

Empowering Infant Teachers with the best AI Tools & how best to apply them.

Format: Online

Course duration: 20 hours

Download fact-sheet

Register your interest

To learning centre

Enrol €89.00

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 coming year with this dream realised. **AI has truly arrived. Now it's time to take it to the next level.**



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, simply by tapping AI.

Transform your teaching of infants and your pupils' engagement, learning and achievement levels with the ultimate AI course, designed exclusively for 'Teachers of Infants'.

Discover how to use the latest and most appropriate AI tools to spark your own teacher creativity, to personalise student learning and to save hours of planning time. Claim back precious time for yourself with our workload-reduction tools, techniques and tips, whilst amplifying your impact in the classroom.

Here is a brief introduction from your course presenter, Mark Delanhunty. Mark is a practising primary school teacher and is recognised as one of the foremost experts on the most effective use of AI to support teaching and learning in the primary school sector.

This course turns your lingering uncertainty about AI into absolute confidence, giving you everything you need to understand, apply and lead with AI in your classroom.

Believe us when we say that there is no heavy tech background required, just the ambition to be the exceptional teacher you can be when supported by what AI can do for you, and with you!

Level up with our AI course and join a new generation of world-class teachers who are inspiring students with unforgettable experiences, leading-edge resources and methodologies that are born out of and polished by AI.

Don’t just settle for keeping up with the future of infant education; it’s time to lead it, shape it and make it absolutely unforgettable for all your students.

It’s time to take the lead in the AI revolution sweeping through education.

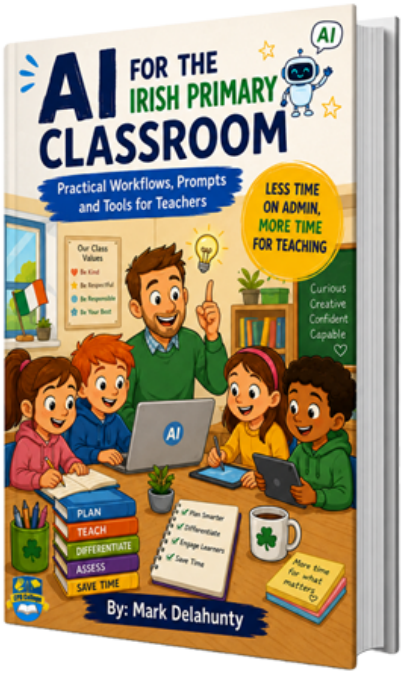
Enrol today in our ‘AI for Infant Teachers’ course and be prepared to be transformed in how you will teach in 2026/27.

At the end of this course, you will confidently use AI to undertake the following tasks faster and better than ever:

- Plan long-term and short-term teaching ✓
- Design engaging, high-impact lessons ✓
- Create tailored resources and classroom supports ✓
- Develop content for Language, Mathematics & broader curriculum ✓
- Build personalised, differentiated, and inclusive learning experiences ✓
- Design and deliver effective (including adaptive) assessments ✓
- Provide targeted, meaningful student feedback ✓
- Strengthen classroom management routines ✓
- Stay on top of admin and reporting efficiently ✓
- Boost engagement and classroom interaction ✓
- Support wellbeing and emotional development ✓
- Deliver creative, play-based learning ✓
- Spark curiosity and inquiry-led exploration ✓
- Encourage student reflection and metacognition ✓
- Create role-plays, simulations, and immersive storytelling ✓
- Plan cross-curricular themes and integrated units ✓

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 ebook, *AI for the Irish Primary Classroom*, will be available FREE to all participants. This wonderful book has been completely updated for 2026.



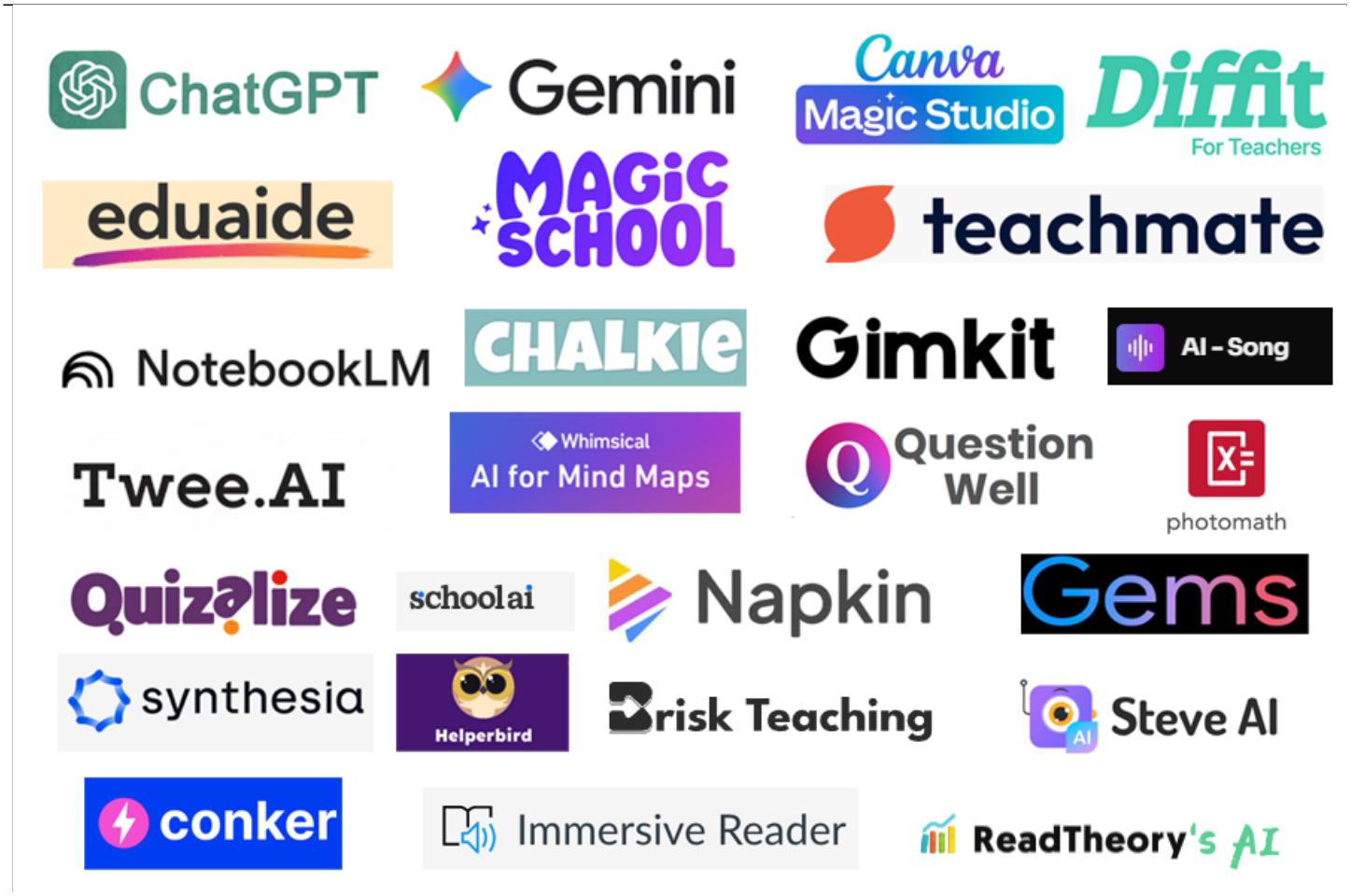


As Mark says: *'Now is the time to embark on this transformative path, where technology becomes an invaluable ally in the pursuit of empowering our students and creating enriching educational experiences, a roadmap to reclaiming time, enhancing learning outcomes and embracing the future of education'*.

AND FREE Pro/plus access to top AI platforms for teachers (worth €65).

We have reached an agreement with Eduaide (3 months), MagicSchool (3 months), and Teachmate (2 months) to provide our AI course participants with FREE pro/plus access to their platforms. They will also provide some training events on their platform to our participants. These platforms are incredible, offering a huge range of dedicated AI tools for teachers. Why not engage fully with each one and see what they have to offer?

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



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

NOTE:

The online 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 2027.

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 that 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:

1. Align teachers’ professional practice in the use of Artificial Intelligence with the DEY Guidance on Artificial Intelligence in Schools (2025), the Digital Strategy for Schools to 2027 and relevant national and EU AI strategies and ethical guidelines
2. Enable teachers to develop "augmented professional competence" (OECD, 2026) in the use of AI, strengthening skills in professional judgement, instructional decision-making and critical oversight
3. Develop teachers’ capacity to use AI to improve the skills required to plan high-quality lessons, design differentiated learning experiences and create curriculum-aligned teaching and assessment resources for Junior & Senior Infants classes
4. Strengthen teachers’ assessment practices through the use of AI to support formative assessment, feedback, success criteria and reflective evaluation of pupil learning, while retaining teacher control and accountability
5. Enable teachers to engage in an iterative, reflective process when using AI, where human expertise is applied at each stage to refine prompts, evaluate outputs, adjust instructional decisions and improve outcomes, ensuring that AI supports high-quality teaching, learning and assessment in Junior & Senior Infants classes
6. Build teachers’ AI literacy and critical evaluation skills, including the ability to assess AI-generated outputs, identify inaccuracies or bias, refine outputs for classroom use and apply a consistent 'teacher-in-the-loop' approach
7. Showcase practical exemplars of AI-supported teaching across Language, STEM, Social and Environmental Education, Wellbeing and the Arts, supporting inclusive and UDL-informed classroom practice

Modules

01 - AI Pedagogy & the PLC

In module 1, we pay particular attention to the concept of the "synergistic augmentation paradigm" between the teacher and AI. This fascinating vision for the future of education is based on striving for "augmented competence that is greater than the maximum of an individual human or AI

alone".

We detail the elements of the AI Mastery Lens Framework for teachers, and in this module, we pay particular attention to the Purpose/Pedagogical Imperative and Digital Fluency.

Prompt engineering is an important aspect of effective engagement with AI. We look at a number of different models.

We recap the most effective Generative AI tools and how to refine prompts iteratively to produce the best AI outputs, which are then applied in various ways to support teaching, learning and assessment of the PLC in Junior & Senior infant classes. This is action-based learning on using AI with teacher oversight and control.

Teachers also engage with AI tools in an iterative, informed process to create and support PLC-aligned learning experiences in the topic areas for Junior & Senior infant classes, including phonics, oral language activities, vocabulary development and basic writing tasks.

In this module, we also cover how AI can support effective classroom management by helping you create clear routines, visual supports and engaging activities that keep infant learners focused, settled and ready to learn.

02 - AI Mastery & STEM

In this module, we focus extensively on professional judgement (the "teacher in the loop" model) as an essential prerequisite for effective use of AI.

We demonstrate various Generative AI tools and how to refine prompts iteratively to produce the best outputs, which are then applied in various ways to support teaching, learning and assessment of the Primary Maths Curriculum in Junior & Senior Infants. This is action-based learning on using AI with teacher oversight and control.

Using AI to support the implementation of the key pedagogical practices when teaching maths is explored in detail.

Teachers also engage with AI tools in an iterative, informed process to create and support PMC-aligned learning experiences in the topic areas for Junior & Senior Infants, including Patterns & sequences, Shapes, Numeration and counting. We also examine how AI can be used to support assessment for Junior and Senior Infants.

We explore how AI can be used to support personalised learning through the design of customised lessons and resources that are responsive to individual learning needs.

The potential for AI to support

differentiated learning strategies based on the primary mathematics curriculum progression continua is explored and demonstrated.

03 - AI Proficiency & Aistear planning

This module continues to enable teachers to build their professional mastery of AI for optimal and augmented use. We cover the importance of AI literacy and the ethical considerations that underpin the use of AI in Education.

In this module, we cover how AI can support Aistear planning by helping you design purposeful play experiences, organise engaging learning stations and create clear, manageable plans that align with children’s interests and developmental needs.

We demonstrate various Generative AI tools and how to refine prompts iteratively to produce the best outputs, which are then applied in various ways to support teaching, learning and assessment of the SEE Curriculum (2025) in Junior & Senior infant classes.

Teachers also engage with AI tools in an iterative, informed process to create and support SEE- aligned learning experiences in the 'Identity and Heritage' strand unit in Junior & Senior infant classes.

We explore how AI can

support personalised learning by designing customised lessons and resources that are responsive to individual learning needs.

The potential for AI to support the design and development of integrated learning across the curricula is explored and demonstrated.

04 - AI Expertise & the Wellbeing Curriculum

Meeting the principles of UDL with the help of AI tools is demonstrated in the context of a unit from the Wellbeing curriculum.

We demonstrate various Generative AI tools and how to refine prompts iteratively to produce engaging learning experiences, which are then applied to support teaching, learning and assessment of the Wellbeing Curriculum (2025) in Junior & Senior infant classes. This is action-based learning on using AI with teacher oversight and control.

We show teachers how to use an AI prompting process that refines with human input at each cycle to create a yearly Wellbeing plan for Junior & Senior infant classes.

Teachers also use AI tools in an iterative, informed process to create and support learning experiences in the Wellbeing Curriculum for Junior & Senior infant classes.

We explore how AI can

support the creation of assessments to determine if learning outcomes in the Wellbeing curriculum have been met.

Given the huge variation in sporting abilities, differentiation and personalised learning activities are particularly important when PE activities are used to support learning outcomes from the 'movement competence' strand. We explore how teachers can use AI tools to help here.

05 - AI Creativity & the Arts Education Curriculum

AI Professional Mastery to support teaching, learning and assessment in the Arts Education Curriculum.

We demonstrate various Generative AI tools and how to refine prompts iteratively to produce engaging learning experiences, which are then applied to support teaching, learning and assessment of the Arts Education Curriculum (2025) in Junior & Senior Infants. This is action-based learning on using AI with teacher oversight and control.

We show teachers how to use an AI prompting process that refines with human input at each cycle to create a yearly Arts Education plan for Junior & Senior Infants.

Teachers also use AI tools in an iterative, informed process to create and support learning experiences in the Arts

Education Curriculum (Art, Drama and Music) for Junior & Senior Infants.

We explore how AI can support the creation of assessments to determine if learning outcomes from selected topics in the Arts Education curriculum have been met.

' /-->*/ Hands down the best course I've ever done for EPV or on AI because it just showed me how to use and link it in ways I'd never have thought of before. Outstanding, thank you'.* Clare. 2025