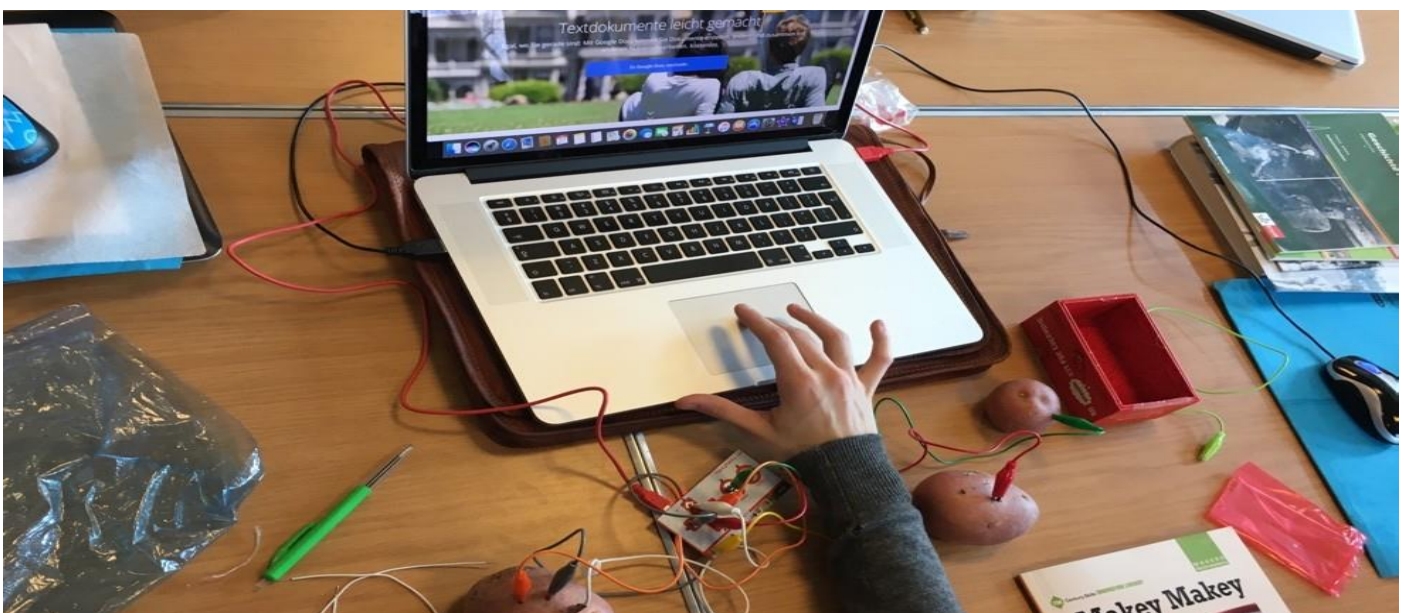# EFFECTIVE TEACHING ACROSS THE CURRICULUM WITH DIGITAL TOOLS AND AI

1 & 2 WEEK COURSES FOR EUROPEAN TEACHERS

Dublin, Ireland 2024

Step into the future of education, where the dynamic synergy of AI technology and innovative pedagogy transforms teaching across primary and secondary subjects.

This course offers educators the opportunity to explore a fusion of AI (Artificial Intelligence) and a diverse array of digital tools, to revolutionise content creation, save valuable teaching time, enhance accessibility, optimise assessment processes and unlock creative possibilities.

COURSE OBJECTIVES:

In this course, participants will:

- Discover how AI seamlessly integrates with various digital tools, including ChatGPT, to elevate teaching methods across primary and secondary subjects

- Master ChatGPT's capabilities in content generation to streamline the creation of engaging materials and resources tailored to diverse grade levels and subjects

- Learn how to empower students across different subjects as independent learners by leveraging AI-driven tools that promote self-guided exploration

- Explore innovative approaches to infuse creativity into teaching and curriculum design, harnessing AI's personalisation capabilities

- Enhance their English language skills

- Exchange ideas and develop links with teachers from different European countries

COURSE CONTENT:

1. **Workshops on Maximising Digital Tools and AI across the Curriculum** will include:

Elevating Oracy Skills with AI-Driven Tools:
- Explore ideas and tools that promote oracy skills, suitable for both primary and secondary education
- Cultivate creativity through interactive multimedia components
- Foster a learner-centric atmosphere with AI support, catering to diverse grade levels and subjects
- Implement accessibility features that benefit all learners

Transformative Teaching with AI-Powered Tools and eBook Creation:
- Craft captivating lessons using interactive multimedia, designed for diverse curriculum areas
- Promote active engagement through AI-enhanced strategies, suitable for various grade levels and subjects
- Explore the creation of AI-enhanced eBooks with Book Creator, showcasing creative possibilities in teaching

Streamlining Assessment with ChatGPT and Saving Time:
- Streamline assessment processes with AI-driven efficiency, suitable for primary and secondary educators
- Customise assessments to meet the specific needs of diverse grade levels and subjects, while saving valuable teaching time
- Optimise assessment practices through AI-enhanced insights, adaptable to various grade-level assessments
- Explore versatile digital tools that cater to the assessment needs of both primary and secondary educators across subjects

Creative Curriculum Design with AI, Digital Tools, and eBook Showcasing:
- Develop curriculum materials enriched with multimedia elements for enhanced comprehension across diverse grade levels and subjects
- Create interactive, AI-driven lesson plans that captivate and inspire learners in both primary and secondary education
- Showcase pedagogical innovations that emphasise time-saving, accessibility, and curriculum enhancement for educators working across grade levels and subjects
- Utilise AI and digital tools to craft grade-level and subject-specific curriculum materials and lesson plans, incorporating AI-generated content

Methodology:

- Workshops are delivered by experts in digital education with many years' experience of teaching and training EU-funded teachers

- Focus on cross-curricular applications

- Practical hands-on workshops are designed to meet participants' individual training requirements

- Through a learning-by-doing approach, participants will develop concrete digital skills to use in their classrooms

- Collaborative work to knowledge sharing among educators from various subjects

- Consistent feedback and guidance from trainers to support effective AI integration

- Incorporation of reflective activities to inspire critical examination of teaching methods

Learning Outcomes:

Participants from varied grade levels and subject areas will

- create an AI-assisted eBook that showcases their accomplishments and the boundless potential of technology in reshaping education across grade levels and subjects.

- join in this transformative quest to harness the power of AI, digital tools, accessibility features, versatile assessments, and creative curriculum design, inspiring, engaging, and elevating the educational experience for teachers and students in both primary and secondary education across Europe.

- unleash the potential of technology, ChatGPT, digital tools, pedagogy, and subject integration across the curriculum.

As you will be working with on-line resources and making digital materials, you will need to bring a laptop or tablet and a smartphone and headphones.

2. **Lecture on the Irish Education System**

3. **Visit a school with an opportunity to observe lessons** (2-week term-time courses only)

4. **Lecture on Irish History, Culture & Traditions** (2-week courses only)

5. **English Language Classes for Educators** (2-week courses only)

6. **Social History of Dublin Life at 14 Henrietta Street:** (2-week courses only)

7. Cultural visit to Wicklow Mountains National Park and Glendalough monastic site and lakes (2-week courses only)

8. A guided walking tour of Dublin and cultural visits to National Museum: Archaeology, National Museum: History and Decorative Arts and Chester Beatty (World Art Museum**)**

LOCATION

DUBLIN, Ireland: Population: 1,228,000
Famous for its cultural heritage and charming hospitality, Dublin is a lively city with a rich history, situated on the east coast of Ireland. Notable historic sights include its elegant Georgian squares, Dublin Castle, Christ Church Cathedral, the Book of Kells at Trinity College, Kilmainham Gaol and National Museums. Temple Bar is a busy riverside neighbourhood with live Irish folk music venues.

Close to the city are the beautiful hills and lakes of Wicklow Mountains National Park and attractive coastal scenery.

2024 DATES:

1-week courses	2-week courses
Spring	**Spring**
Sunday 10 March – Sunday 17 March	Sunday 10 March – Saturday 23 March
Sunday 7 April – Sunday 14 April	Sunday 7 April – Saturday 20 April
Sunday 5 May – Sunday 12 May	Sunday 5 May – Saturday 18 May
Summer	**Summer**
Sunday 30 June – Sunday 7 July	Sunday 30 June – Saturday 13 July
Sunday 28 July – Sunday 4 August	Sunday 28 July – Saturday 10 August
Sunday 25 August – Sunday 1 September	Sunday 25 August – Saturday 7 September
Autumn	**Autumn**
Sunday 13 October – Sunday 20 October	Sunday 13 October – Saturday 26 October
Sunday 10 November – Sunday 17 November	Sunday 10 November – Saturday 23 November

TOTAL PRICE:

1 Week: €1,447

2 Weeks: €2,195

The price includes:

(a) COURSE FEE to include:

Full programme of study sessions and visits as itemised above.
NB. Participants are responsible for paying their own daily transport costs, including visits to schools.
Any optional visits are not included in the price.

(b) HOST FAMILY ACCOMMODATION to include:

Full board Accommodation with a local family (inclusive of registration fee): 7 or 13 nights
(Teachers may request to be the only guest of their mother tongue or to stay in the same family as a colleague).
Host families are carefully selected and offer a friendly welcome and opportunities to chat and learn more about life in Ireland today. Participants often find that the experience of staying with a host family is one of the most memorable aspects of the course. Accommodation is in single rooms (unless participants request to share). Breakfast, packed lunch and evening meal are provided by the host family. (Food allergies, likes and dislikes are taken into account.)

Please note that many suitable residential areas are not within walking distance of the city centre and most host families are a bus ride from the city centre/tuition centre. A travel pass for all Dublin public transport costs €32 per week and can also be used to visit nearby coastal villages, beaches and cliffs.

Accommodation can be provided for family members (but not unaccompanied children) subject to availability. (Rates on request).

Alternatively on summer courses between 16 June and 18 August:
Self-catering accommodation in a university residence in a central location - single bedroom with ensuite shower/ wc; no meals provided **(**inclusive of registration fee):

> **Total fee: 1 week course +   7 nights self-catering accommodation: €1,479**
> **Total fee: 2 week course + 13 nights self-catering accommodation: €2,239**

Participants wishing to arrange their own (hotel or self-catering) accommodation may pay a fee for the course only.

TRAVEL:
Participants are responsible for arranging their travel to and from Ireland.
Express buses run from Dublin Airport to the city.

PAYMENT:
Full payment will be due 2 months before the course begins, or for teachers awaiting funding: as soon as the grant is received.
No refund for cancellations within 5 weeks of arrival. Applicants are strongly advised to take out cancellation insurance.
Postponement due to Covid-19 will be possible if necessary.

PREPARATION:
Participants are asked to complete a questionnaire before the course starts in order to ascertain their level of experience and training, the age groups and types of learners they teach and their expectations from the course. This helps trainers to respond to participants' individual needs and ensure that the most relevant areas are carefully integrated. Suggestions for optional pre-course reading are given.

EVALUATION:
At the end of the course teachers participate in a detailed evaluation of the course.

FOLLOW UP:
At the end of the course teachers are asked to consider which aspects of the course will be the most relevant to their own teaching situations. On their return they are invited to keep a record of how they have been able to utilise ideas gained on the course in their own classrooms.
They are encouraged to share their experiences with their fellow participants by email.

CERTIFICATE & ERASMUS+ VALIDATION:
A certificate of attendance (stating course title, location, dates, content, learning outcomes and number of hours) will be provided and Erasmus+ documentation will be validated.

EFFECTIVE TEACHING ACROSS THE CURRICULUM WITH DIGITAL TOOLS AND AI
2 WEEK COURSE FOR EUROPEAN TEACHERS
DUBLIN
DRAFT PROGRAMME

DAY	MORNING	AFTERNOON	EVENING
SUNDAY			Arrive Dublin
MONDAY	0930- Welcome & Introduction 1015 1030- Lecture on the Irish Education 1230 System	1400- Guided Walking Tour of Dublin 1630	
TUESDAY	0930- Workshop: Maximising Digital Tools 1300 and AI Across the Curriculum	1400- Workshop: Maximising Digital Tools 1700 and AI Across the Curriculum	Optional evening in a traditional pub with Irish folk music
WEDNESDAY	0930- Workshop: Maximising Digital Tools 1300 and AI Across the Curriculum	1400- Workshop: Maximising Digital Tools 1700 and AI Across the Curriculum	
THURSDAY	0930- Workshop: Maximising Digital Tools 1300 and AI Across the Curriculum	1400- Workshop: Maximising Digital Tools 1700 and AI Across the Curriculum	
FRIDAY	0930- Workshop: Maximising Digital Tools 1300 and AI Across the Curriculum	1400- Workshop: Maximising Digital Tools 1700 and AI Across the Curriculum	
SATURDAY	1000- Cultural visits in Dublin: National Museum: History & Decorative Arts, 1700 National Museum: Archaeology or National Botanic Gardens		
SUNDAY	Free for individual research or optional visits eg. Book of Kells at Trinity College or Howth & Howth Head (east coast)		
MONDAY	0930- Lecture on Irish History, Culture & 1230 Traditions	1430- Visit Chester Beatty (World Art 1630 Museum)	
TUESDAY	0930- English Language for Educators 1230	1330- English Language for Educators 1630	
WEDNESDAY	0900- Day visit to a School 1500 Observe lessons and opportunity for discussion with teachers (in term-time) or 0930- English Language for Educators 1230	1330- English Language for Educators 1630	Optional evening in a traditional pub with Irish folk music
THURSDAY	1015- Cultural visit to Wicklow Mountains National Park and Glendalough monastic site & 1700 lakes		
FRIDAY	0930- English Language for Educators 1300	1445- Social History of Dublin Life 1615 at 14 Henrietta Street 1630- Evaluation Session 1730	
SATURDAY	Depart Dublin		

EFFECTIVE TEACHING ACROSS THE CURRICULUM WITH DIGITAL TOOLS AND AI

1 WEEK COURSE FOR EUROPEAN TEACHERS

DUBLIN

DRAFT PROGRAMME

DAY	MORNING	AFTERNOON	EVENING
SUNDAY			Arrive Dublin
MONDAY	0930- Welcome & Introduction 1015 1030- Lecture on the Irish Education 1230 System	1400- Guided Walking Tour of Dublin 1630	
TUESDAY	0930- Workshop: Maximising Digital Tools 1300 and AI Across the Curriculum	1400- Workshop: Maximising Digital Tools 1700 and AI Across the Curriculum	Optional evening in a traditional pub with Irish folk music
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FRIDAY	0930- Workshop: Maximising Digital Tools 1300 and AI Across the Curriculum	1400- Workshop: Maximising Digital Tools 1700 and AI Across the Curriculum 1700- Evaluation Session 1730	
SATURDAY	1000- Cultural visits in Dublin: National Museum: History & Decorative Arts, 1700 National Museum: Archaeology, Chester Beatty or National Botanic Gardens		
SUNDAY	Depart Dublin		