Artificial Intelligence for and by Teachers
AI4T & Irish Activities in AI

Overview of Strategy
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About AI4T

Aims

To test the efficiency and usefulness of training teachers to understanding and using AI tools in the classroom

Organisation

The project was divided into 6 Work packages:

• WP0: Management (FEI)
• WP1: Experimentation (MIUR)
• WP2: Training architecture and resources (UN-LS2N)
• WP3: Evaluation (CNAM-CNESCO)
• WP4: Dissemination and upscaling (MIZS)
• WP5: Quality assurance (H2 Learning)
Specific Objectives

• To explore and support the use of AI in education. The AI4T measure consists in implementing innovative teacher training methods specifically designed to meet the challenges of AI in education.

• To test the efficiency and usefulness of training teachers to understanding and using AI tools in the classroom.

The thinking behind the project

• That a bespoke training can help teachers to deconstruct their preconceptions, develop their knowledge and encourage an informed use of AI in an educational setting.

Target Teachers

• The project specifically targets teachers in charge of 15 to 17-year-old students with expertise in foreign languages, maths or sciences, and to a lesser extent, principals, in a management capacity.
Who was involved?

Strategic leadership from Ministries

- Ministère de l’Education nationale, de la Jeunesse et des Sports, France (Directorate for Digital in Education)
- Dublin West Education Centre, Ireland
- Ministero dell’ Istruzione, Italy
- Service de Coordination de la Recherche et de l’Innovation pédagogiques et technologiques (SCRIPT). It is an entity of the Ministry of National Education, Childhood and Youth in Luxembourg.
- Ministrstvo za izobraževanje, znanost in šport, Slovenia
Partners

• Public authorities that will decide upon the strategic orientations of the project and ensure that the field trials run smoothly.

• The project coordinator

• Evaluation partners responsible for building the evaluation methodology and carrying out the impact study.

• Partners holding expertise in training development and AI
AI4T – How?

• The creation of a MOOC

Evaluation
• Through survey and field observations, the impact of the training built and implemented on (1) teachers’ attitudes and practices regarding teaching with AI-based tools and (2) the resulting measurable skills, attitudes and behaviours of their students.
• Designed as a randomised controlled trial, over 350 schools, their headmasters and a minimum of 1400
The MOOC

Watch a teaser
One key outcome of this project has been the development of a textbook specific to the role of the teacher.

Looks at . . .

- Why learn about AI as an educator
- The information ecosystem
- Managing learning - Data and learning management systems
- Personalised learning
- Listening, speaking and writing with AI

View the textbook
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As a very provisional conclusion...
Meanwhile back in Ireland

Academics and teachers share their views on the use of AI in the classroom.

View the video series >>
And still in Ireland

AI Online Course

Course Details

+ **AVAILABILITY**
  Open Now, Term time

+ **COURSE DATES**
  13-05-24 to 21-06-24

+ **TARGET AUDIENCE**
  All teachers and school leadership teams

+ **SECTOR**
  Post-primary, Primary

+ **STUDY TIME**
  1 hour

+ **PLACES**
  Unlimited
And still in Ireland

What are the benefits of AI?

- Can provide tailored responses
- Can process vast amounts of data
- Can help with generating ideas
- Can improve efficiency
- Can help research and innovation

What are the limitations of AI?

- Responses may be biased, inaccurate or harmful
- Information requires checks
- New challenges may emerge
- Data privacy and security
- Ethical concerns around its use
Questions?
Thank you

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