



# Future-STEM-HUB

## Bulletin No. 2

### Digital Platform and Online Course

The FUTURE-STEM-HUB digital learning platform has been developed to provide open access to the project's courses in English, Bulgarian, German, Spanish, Portuguese and Turkish. The first online course, "Digital Primer: Artificial Intelligence Essentials", is now available on the platform, offering five interactive modules with videos, infographics, practical exercises and quizzes. Registered learners can track their progress and, upon successful completion of all modules and the final assessment, receive a Certificate of Completion.



## WP2 Workshops in All Partner Countries

Between March and June 2025, the FUTURE-STEM-HUB partners held engagement workshops in all five partner countries to test the educational materials for the course "Digital Primer: Artificial Intelligence Essentials". In total, 86 students aged 14-19 and 14 teachers explored core AI concepts, real-life applications and ethical issues, and shared their feedback through evaluation questionnaires.



**5 partner countries**



**86 students**



**14 teachers**



**March-June 2025**

Türkiye

Bulgaria

Germany

Spain

Portugal



Empowering Secondary School STEM Education with AI Training and Resources for Students and Educators  
2024-1-DE03-KA220-SCH-000247346



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#### Türkiye

On 24 March 2025, the Kutahya Provincial Directorate of National Education hosted a workshop for 18 students and 2 teachers from two associated partner schools. All modules were presented with added interactive elements, and the group included five students with fewer opportunities.



#### Bulgaria

On 28 March 2025, Tetra Solutions organised a workshop at the Vocational High School of Electrical Engineering and Electronics "Maria Skłodowska-Curie" in Siven. 15 students in grades 9-11, specialising in applied programming, computer technologies and security systems, explored the course modules and interactive elements together with 2 of their teachers.



#### Germany

On 8 May 2025, the University of DuisburgEssen welcomed 8 students and 6 teachers to a workshop on machine learning, pattern recognition and AI ethics. Interactive activities such as "Chihuahua or Muffin?" and tools like Google Lens showed participants how AI perceives and classifies data, with a particular focus on links between AI and STEM subjects.



#### Portugal

On 6 June 2025, ETAP - Escola Profissional held a workshop with 16 students from its Computer Systems Management and Programming course and 2 teachers. Participants reviewed the educational materials and evaluated them through a structured feedback questionnaire.



#### Spain

On 30 May 2025, M&M Profuture Training, in collaboration with the International Schools of Teide, held an interactive workshop for 29 students and 2 teachers. Starting with prior knowledge, the session introduced each module with hands-on activities connected to students' experiences.



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