Informatics education at school in Europe

Eurydice report

A6 Platforms, Studies and Analysis - EACEA

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18th European Computer Science Summit

Education workshop 25 October 2022
Scope and methodology

- Reference year: 2020/2021
- Primary, general lower and upper secondary education.
- Informatics as a distinctive discipline (separate subject or integrated into other subjects).
- 39 education systems in 27 EU member states and 10 other Erasmus+ countries.
Informatics in primary education

Source: Eurydice.
Informatics in general secondary education

Source: Eurydice.
Ongoing curricular reforms

Introducing new subjects
Fostering informatics competences
Reforms under development
Measures relating to teachers

Source: Eurydice.
Learning outcomes by education level

- Data and information
- Safety and security
- Algorithms
- Awareness and empowerment
- Programming
- Modelling and simulation
- Computing systems
- Design and development
- Networks
- People–system interface

Primary education
General lower secondary education
General upper secondary education

Source: Eurydice.
Specialist informatics teachers

Source: Eurydice.
Training (besides ITE) at secondary level

Source: Eurydice.
Thank you!

Let's keep in touch!

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