

ICILS Progress Report

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Researching education, improving learning



1. Finalizing ICILS 2018
2. ICILS 2023

Release of ICILS 2018 International Report



- 5 November, 2019
- Carnegie Institution for Science in Washington DC
- Hosted by the National Center for Educational Statistics

Selected key themes from ICILS 2018

- There are large variations in student CIL and CT within countries
- Large numbers of students are neither sophisticated nor effective independent critical users of digital technologies for information seeking and communication
- There remains evidence of a digital divide in which access to and use of technology are positively associated with CIL and CT achievement
- Teachers who report that they are in collaborative school environments regarding the use of ICT are more likely to promote CIL and CT in their teaching

Release of ICILS International Database and Technical Report



- International Database released early March 2020
 - IDB Training seminar delivered as two online events in May 2020
- Technical Report released in May 2020

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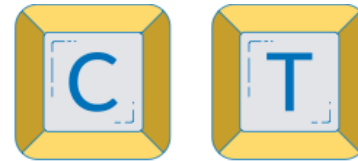
ICILS 2023 will again...

- investigate the ways in which young people are prepared for study, work and participation in a digital world
- generate internationally comparable indicators of students' computer and informational literacy and computational thinking
- monitor changes in computer and information literacy and computational thinking over time
- examine the use of digital technologies in schools, in particular how they are used to develop students' core digital competencies
- support countries to make informed decisions about how best to prepare students for life in an age of constantly evolving digital technologies.



Computer & Information Literacy

Consumers and
producers of
digital information



Computational thinking

Problem solvers
with digital
technologies

Country Participation and European Commission Support for ICILS 2023

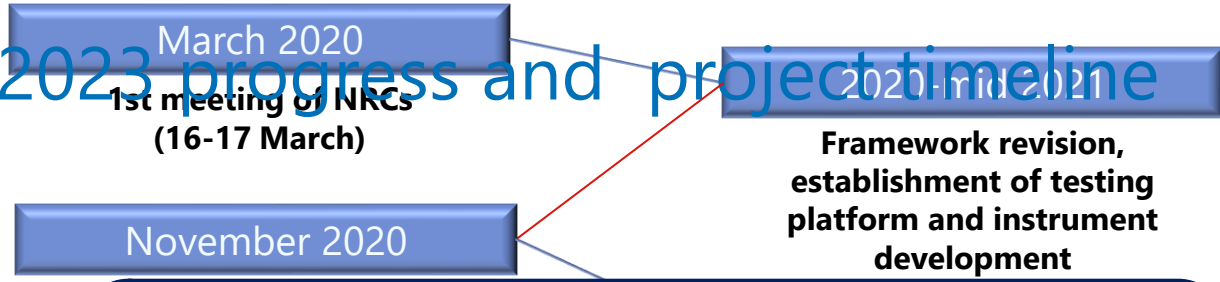


- Funding support has been provided (subject to an application process) for EU Member States and Erasmus+ programme countries to participate in ICILS 2023.
- The initiative has been led by the Education, Audiovisual and Culture Executive Agency
- While confirmation of country participation is continuing through 2020 we are confident that approximately 25+ countries will participate in ICILS 2023
 - This estimate is based on applications for EU funding support, confirmations and further expressions of interest in ICILS 2023

Current expressions of interest in participation



ICILS 2023 progress and project timeline



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The use of process data in ICILS 2023

- i. Improve data quality (e.g. identifying rapid guessing or cheating)
- ii. Broaden the scope of measurement (e.g. to include descriptions of partial or incomplete solutions that show 'progress' towards a solution)
- iii. Collect evidence of solution strategies

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There is still time to join
ICILS 2023



Thank you

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