
IEA Studies and Updates: TIMSS 2023 and LaNA Linking Study

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GAML, Paris, February 2025

Overview of IEA Studies

Visit: <https://www.iea.nl/>



Current IEA International Studies



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TIMSS



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PIRLS



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ICCS



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ICILS



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LaNA

Subject	Mathematics & Science	Reading Literacy	Civic & Citizenship Education	Computer & Information Literacy	Literacy & Numeracy
Grade	4 & 8	4	8	8	4-6
Next Cycle	TIMSS 2027	PIRLS 2026	ICCS 2027	ICILS 2028	New in 2025!

Monitoring Progress Toward SDG 4

Target 4.1

Free Primary and Secondary Education



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TIMSS

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PIRLS

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LaNA

Target 4.2

Equal Access to Quality Pre-Primary Education



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TIMSS

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PIRLS

Target 4.4

Increase the Number of People with Relevant Skills for Financial Success



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ICILS

Target 4.5

Eliminate all Discrimination in Education



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TIMSS

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PIRLS

Monitoring Progress Toward SDG 4

Target 4.7

Education for Sustainable Development and Global Citizenship



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TIMSS

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ICCS

Target 4 > A

Build and Upgrade Inclusive and Safe Schools



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PIRLS

Target 4 > C

Increase the Supply of Qualified Teachers in Developing Countries



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Recent TIMSS 2023 Results

Visit: <https://timss2023.org/>



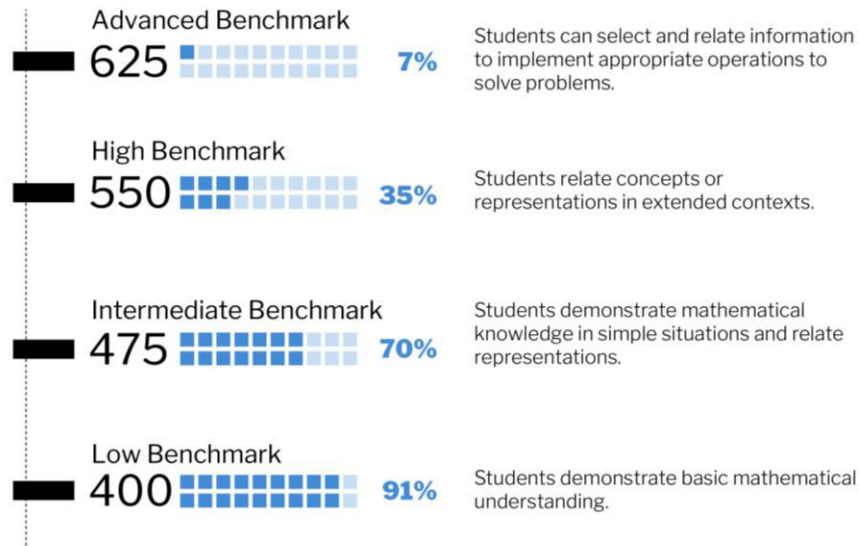
<https://www.youtube.com/watch?v=xdq-QJmeQfM>



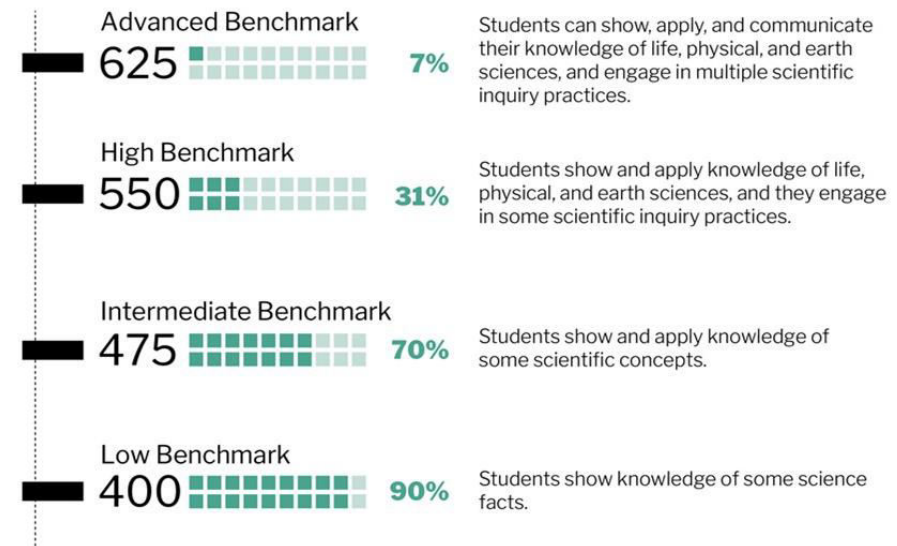
Achievement at TIMSS International Benchmarks 4th Grade

Percentage of students reaching benchmarks (median across countries)

Mathematics



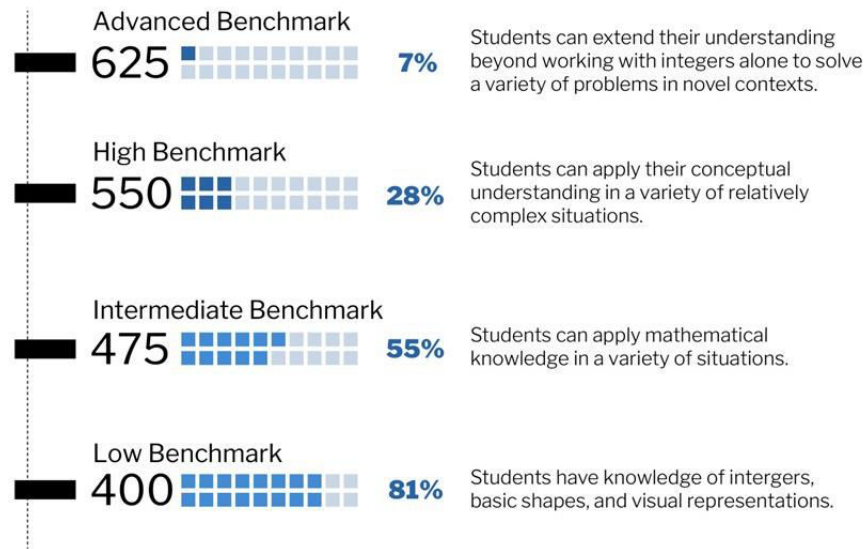
Science



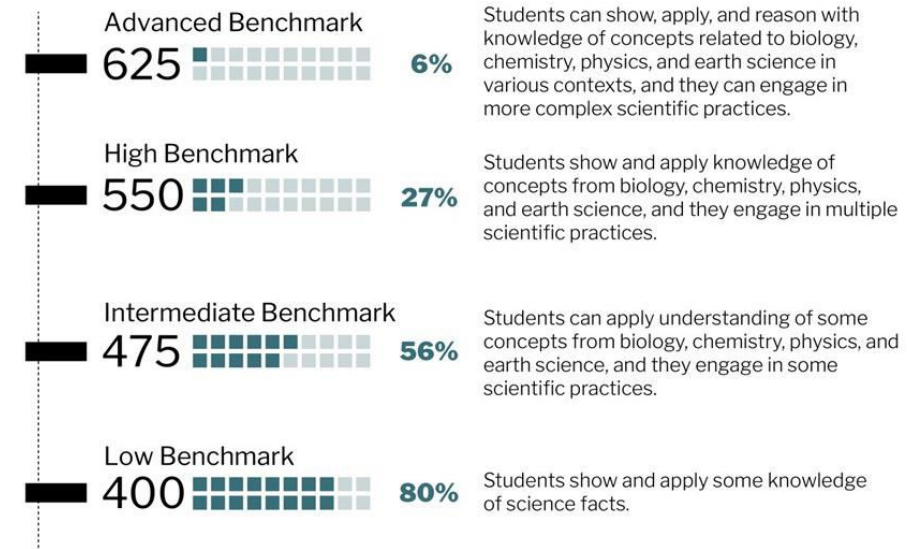
Achievement at TIMSS International Benchmarks 8th Grade

Percentage of students reaching benchmarks (median across countries)

Mathematics



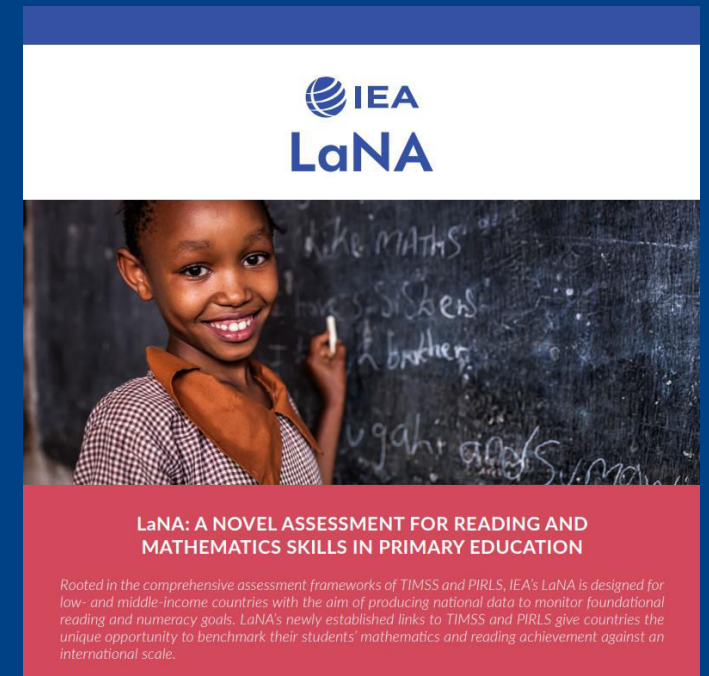
Science



Results of LaNA Linking Study

Released on 25 February 2025

Visit brochure: <https://online.flippingbook.com/view/249896189/>



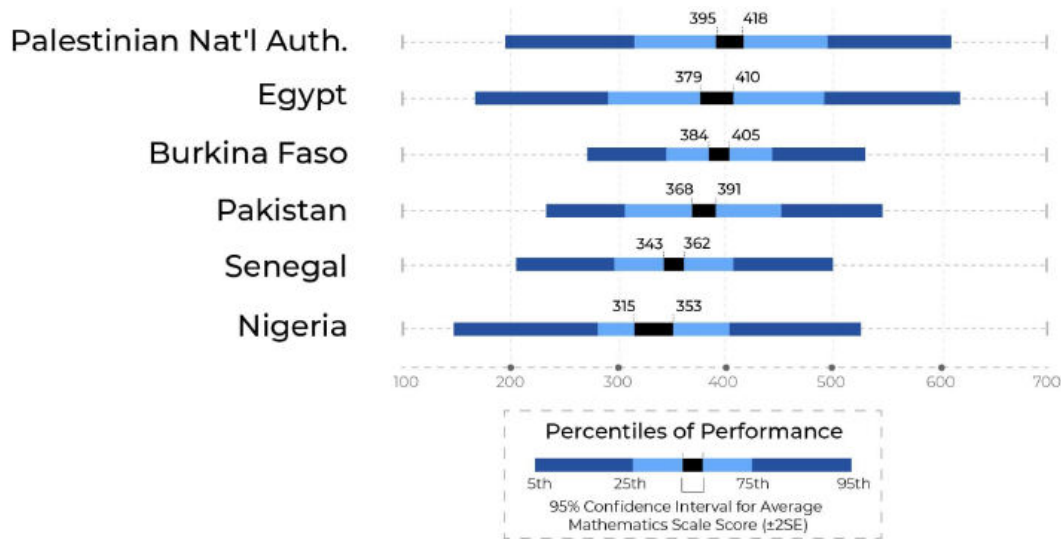


LaNA – What is it?

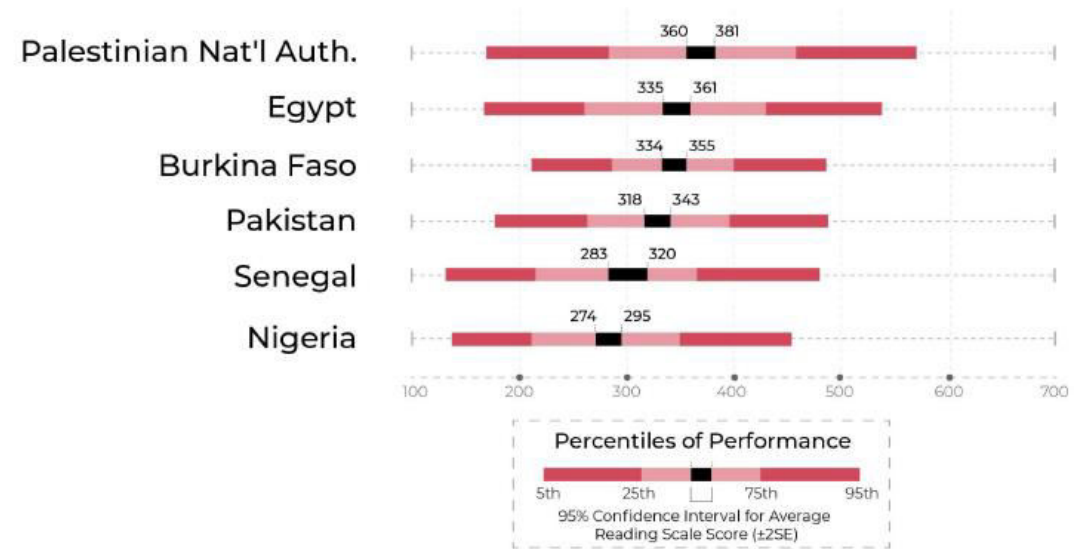
- Reliable and internationally comparable measures of emerging reading and mathematics skills at the end of primary school
- Based on the TIMSS mathematics and PIRLS reading assessment frameworks
- Shorter, less complex and less demanding than TIMSS and PIRLS
- Easier to administer and less resource-intensive
- Intended for countries where TIMSS and PIRLS may be too difficult or unfeasible to implement
- LaNA introduces new Basic International Benchmarks for Mathematics and Reading, aiding progress monitoring toward the UN's Sustainable Development Goal (SDG) 4.1.1b
- Achieved through the LaNA 2023 Linking Study which links LaNA to TIMSS Mathematics and PIRLS Reading
- Administered in 6 countries
 - 100 schools were selected from each of the countries
 - Over 30,000 students from 870 schools took part in the linking study
 - Participating countries were Burkina Faso, Egypt, Nigeria, Pakistan, Palestinian Natl. Authority (West Bank only), and Senegal

Achievement Results

Mathematics Scale Score Distributions

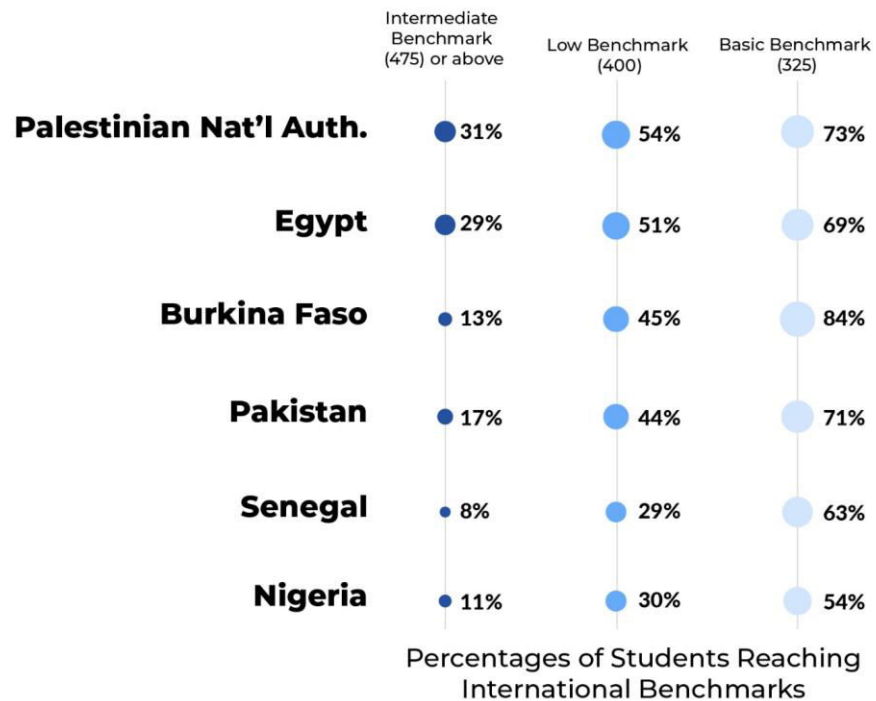


Reading Scale Score Distributions

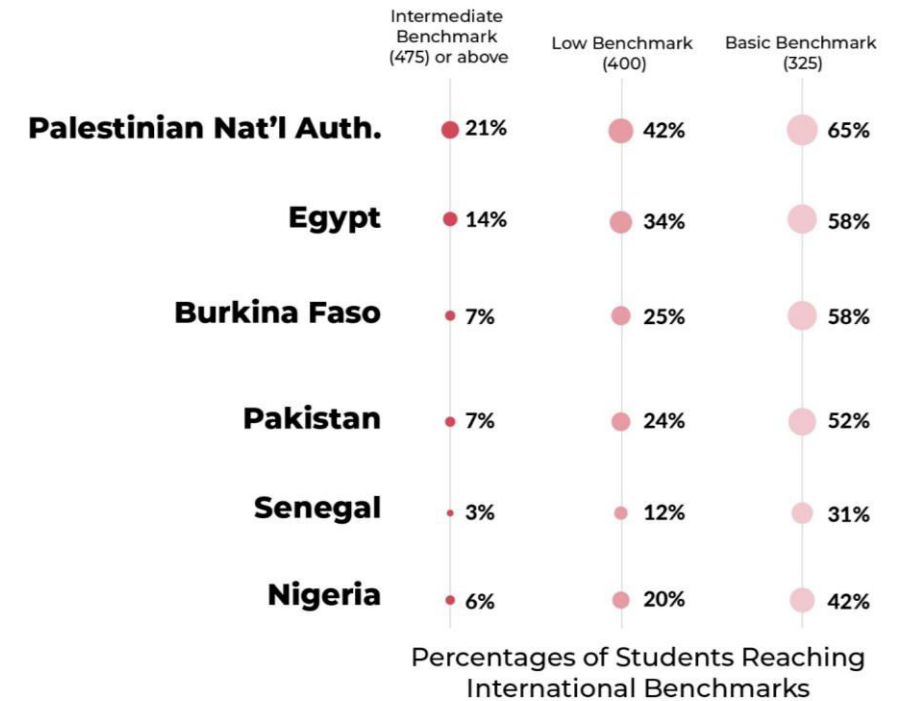


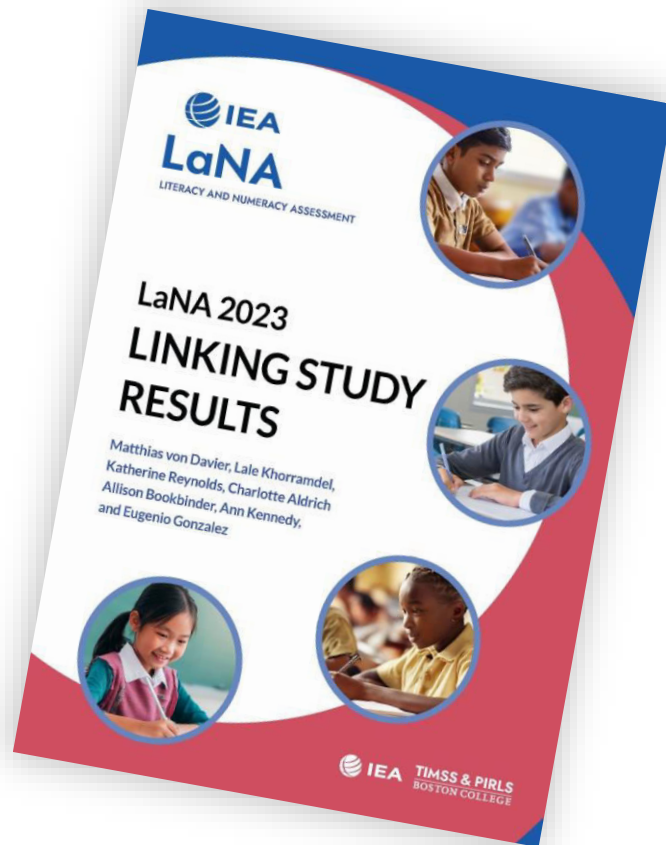
Percentages of Students Reaching International Benchmarks

Mathematics



Reading





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