



IEA's LaNA

Internationally comparable, nationally representative data to inform system-wide improvements

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Presentation Overview

- Why LaNA?
- LaNA 2023 Linking Study Results
- Building a Future for LaNA



IEA International Studies



Why LaNA?

Increasing demand for high-quality, internationally comparable data on student learning outcomes

- Make data-informed decisions to improve education
- Global focus on ensuring inclusive and equitable quality education (e.g., UN Sustainable Development Goals)

Coupled with growing interest in TIMSS and PIRLS from wider range of countries

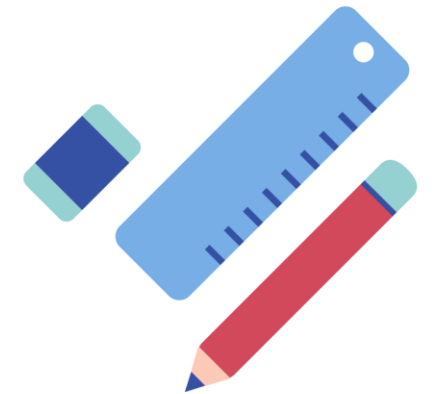
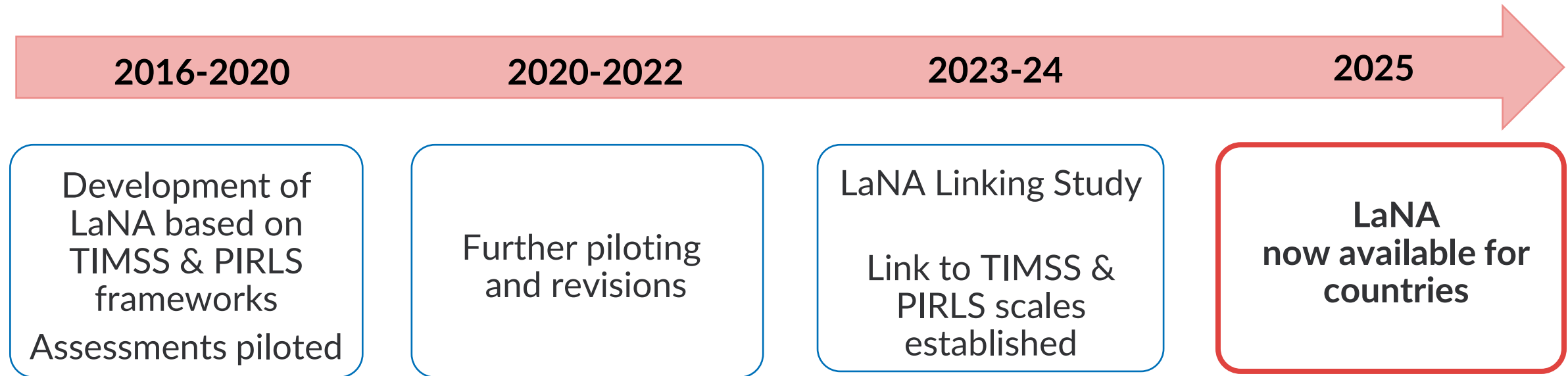
However...

- Assessment content and difficulty not well aligned to student populations
- Questionnaires more focused on higher income country contexts
- Assessments now digital only
- Fixed administration schedules
- Complex implementation and rigid timelines >> cost
- Capacity-building not an explicit component

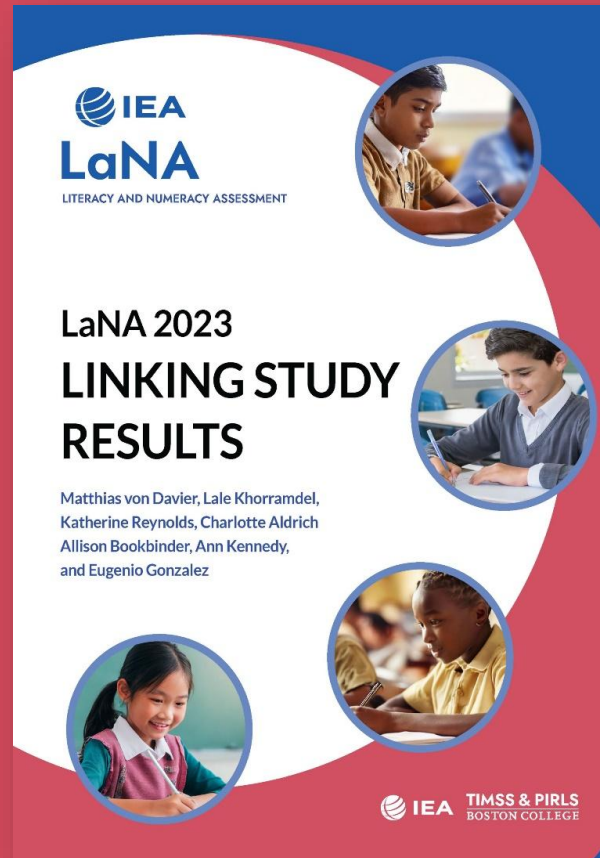


LaNA developed as a responsive solution to these challenges to meet countries' needs

Timeline of LaNA Development



LaNA 2023 Linking Study Results



The LaNA 2023 Linking Study

... was a special LaNA administration in 2023 to establish a link between LaNA results and the TIMSS/PIRLS achievement scales.



More than

30,000

students



More than

900

schools



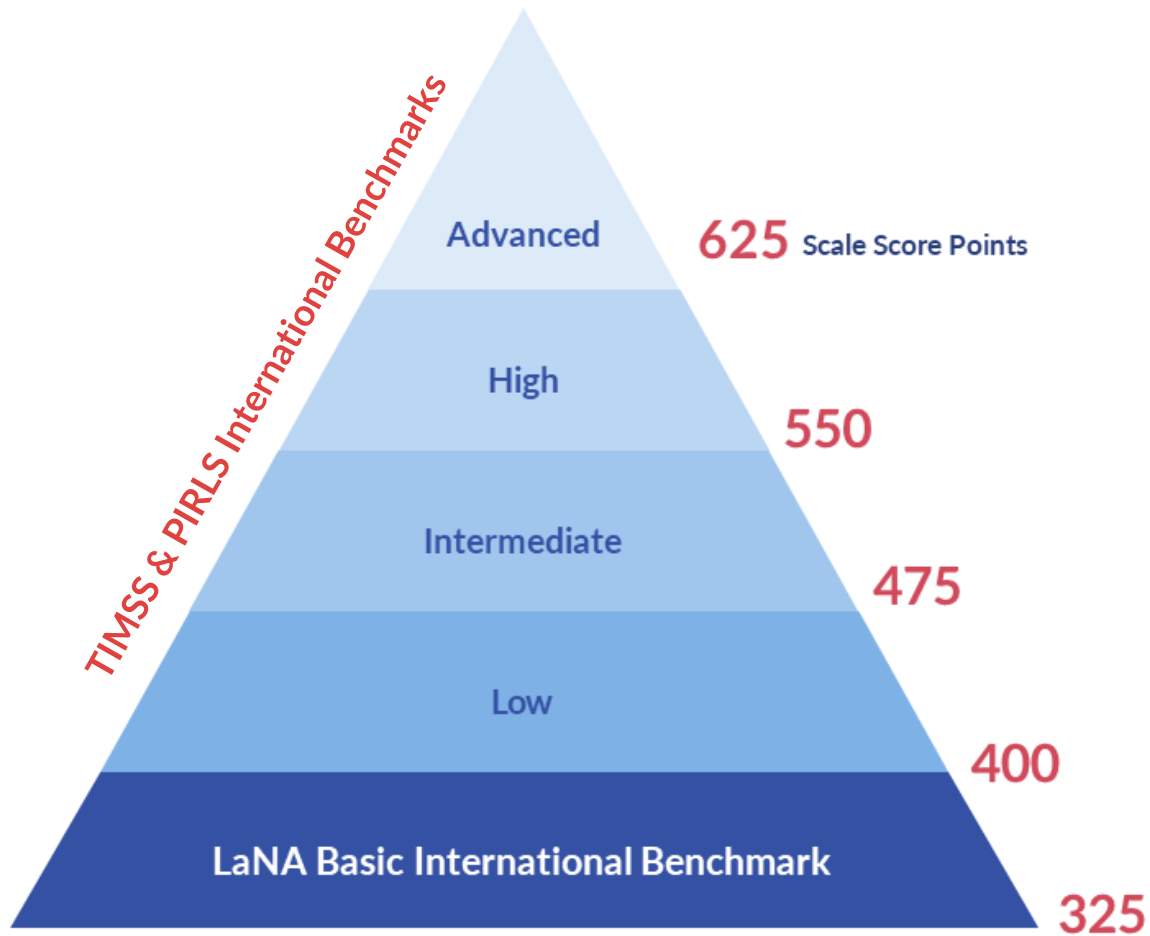
In

6

countries

Burkina Faso
Egypt
Nigeria
Pakistan
Palestinian National Authority
Senegal

Linkage Allows for Reporting LaNA on TIMSS and PIRLS Scales and in Relation to TIMSS and PIRLS Benchmarks



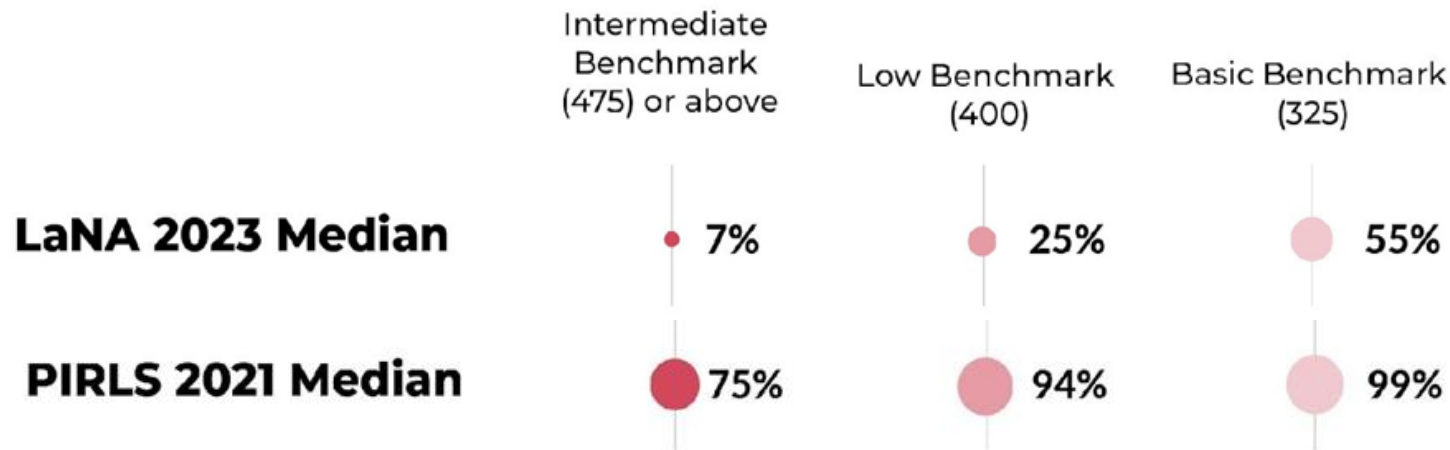
Reading Basic International Benchmark

Retrieve and recognize explicitly stated details from limited section of text; make straightforward inferences about a character's action or feeling (literary) or an action or process (informational).

Mathematics Basic International Benchmark

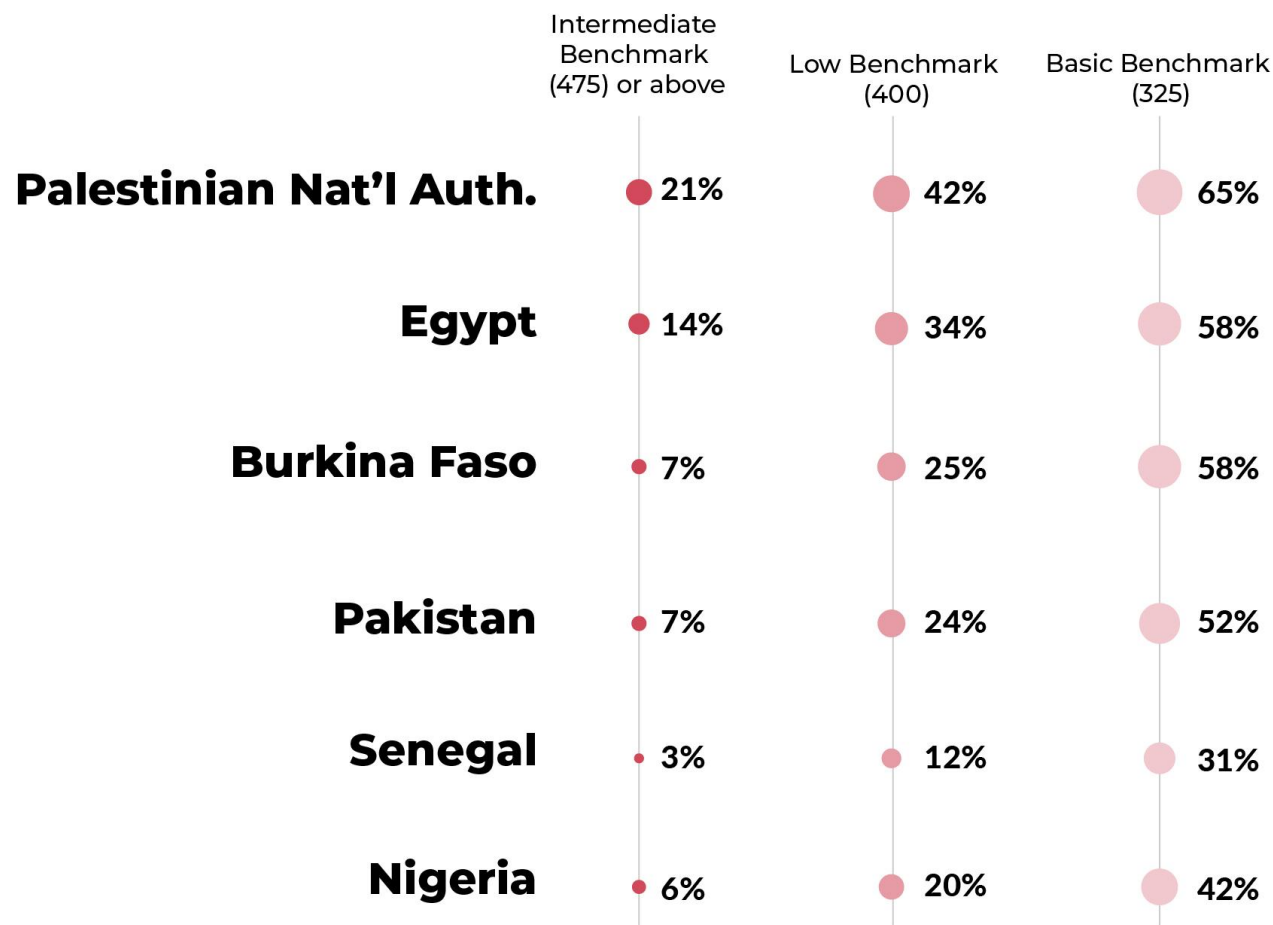
Work with simple whole numbers; add and subtract quantities in mathematical contexts; have some understanding of multiplication; compare whole numbers; identify and have some knowledge of basic properties of shapes; read straightforward data representations.

Percentages of Students Reaching International Benchmarks of Reading Achievement



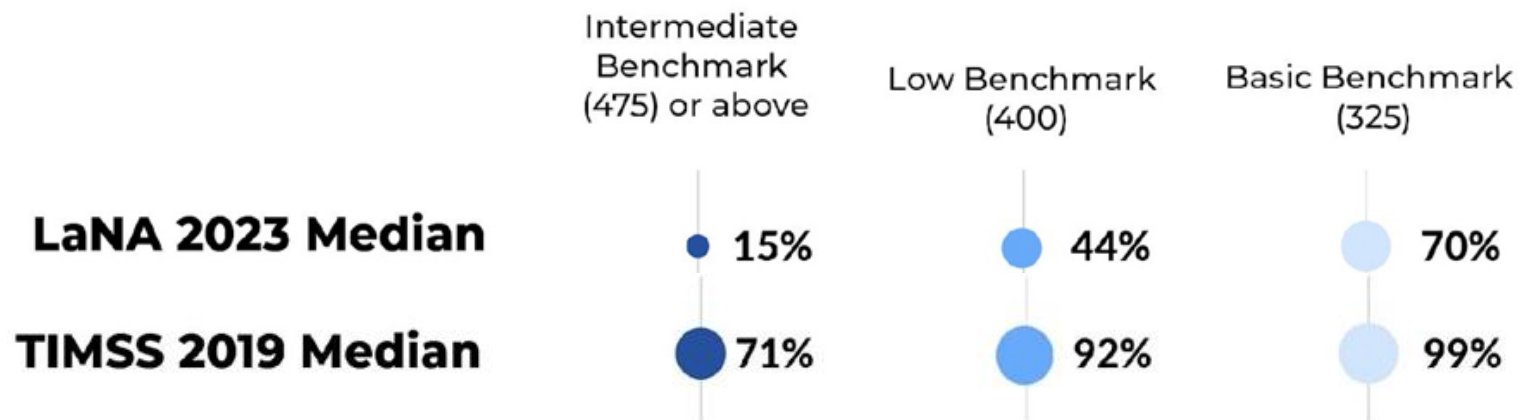
Percentages of Students Reaching International Benchmarks

Percentages of Students Reaching International Benchmarks of Reading Achievement



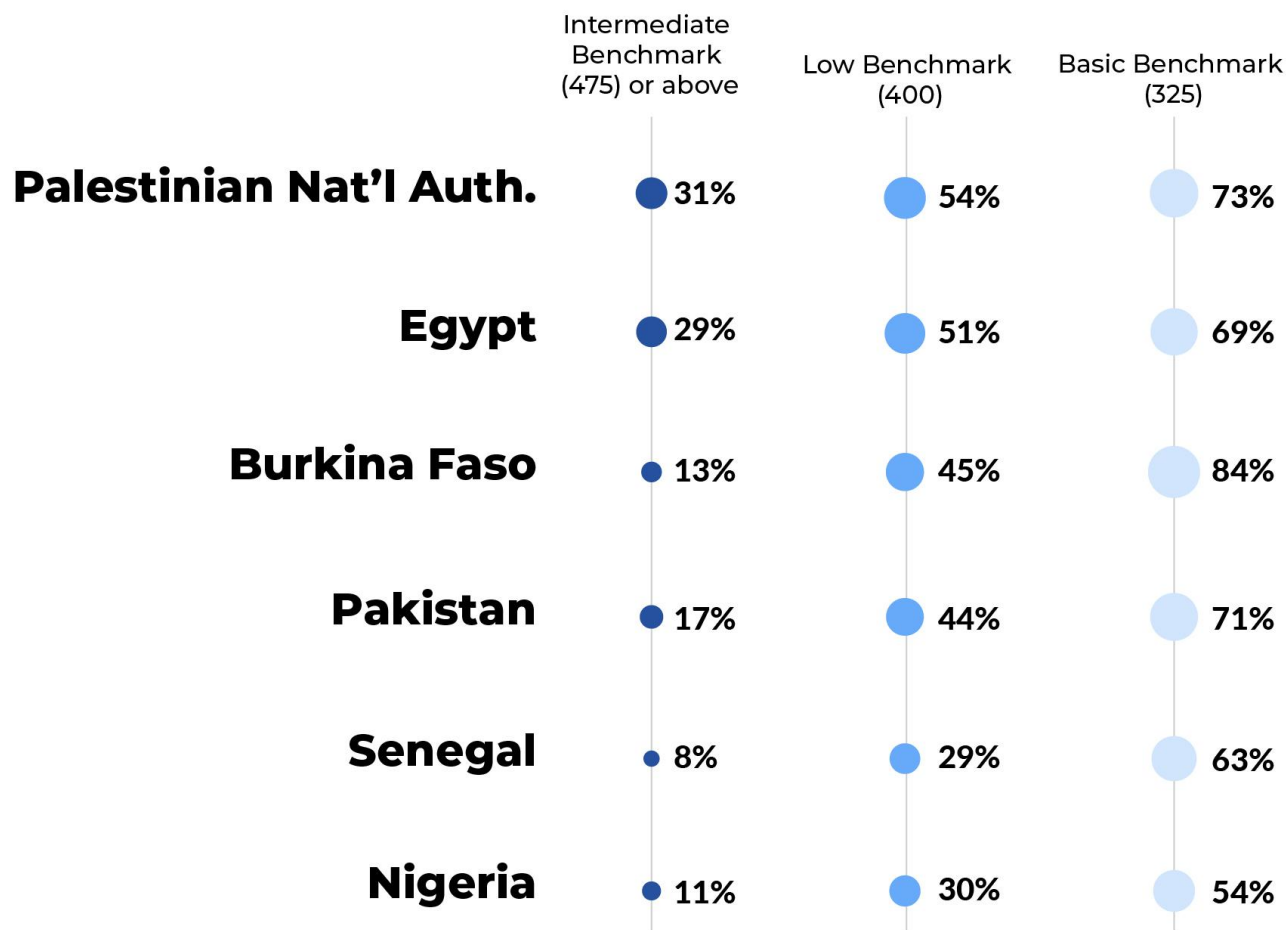
Percentages of Students Reaching International Benchmarks

Percentages of Students Reaching International Benchmarks of Mathematics Achievement



Percentages of Students Reaching International Benchmarks

Percentages of Students Reaching International Benchmarks of Mathematics Achievement



Reading Scale Score Distributions

Palestinian Nat'l Auth.

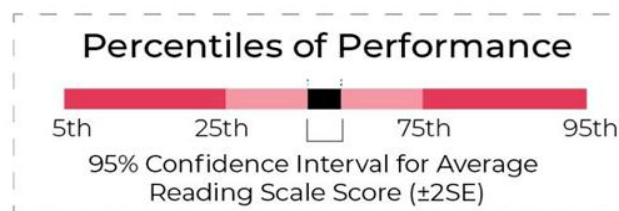
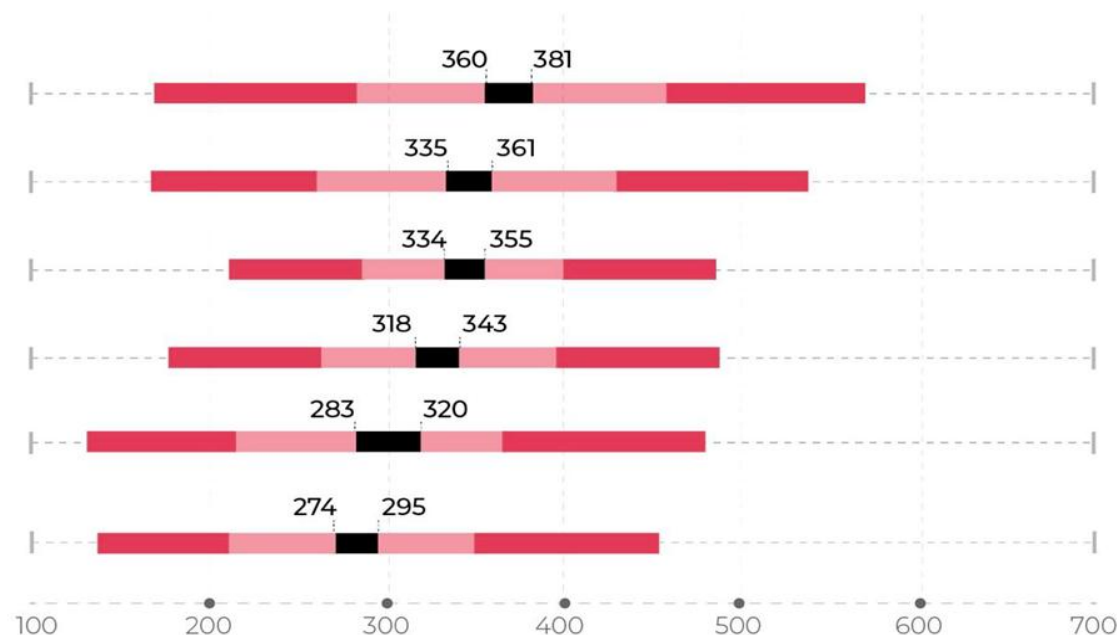
Egypt

Burkina Faso

Pakistan

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Mathematics Scale Score Distributions

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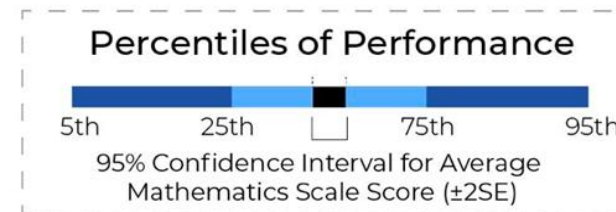
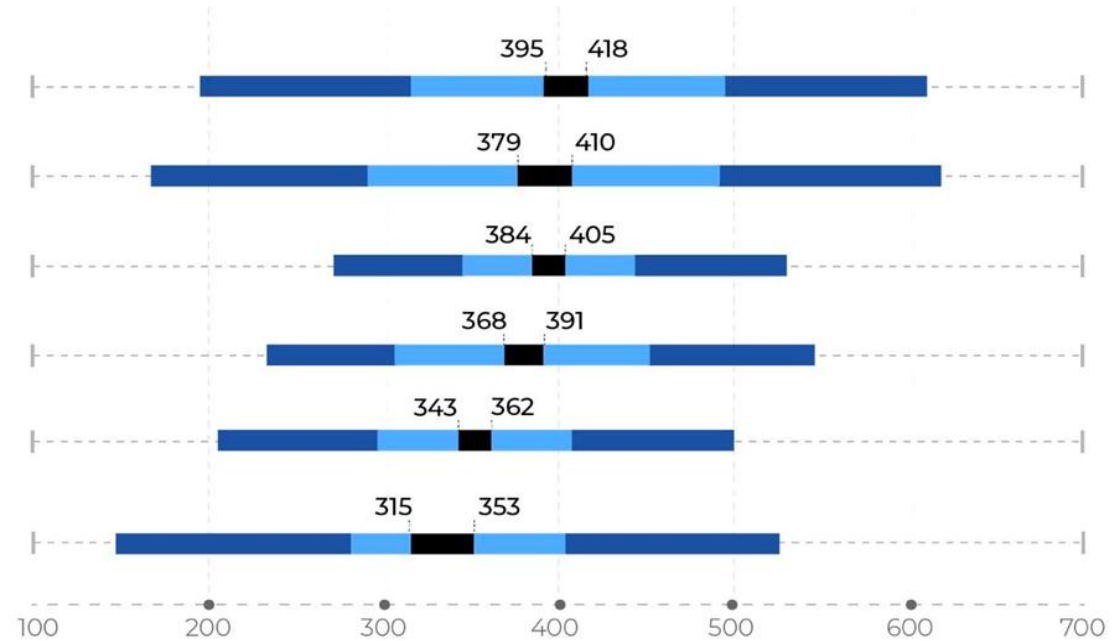
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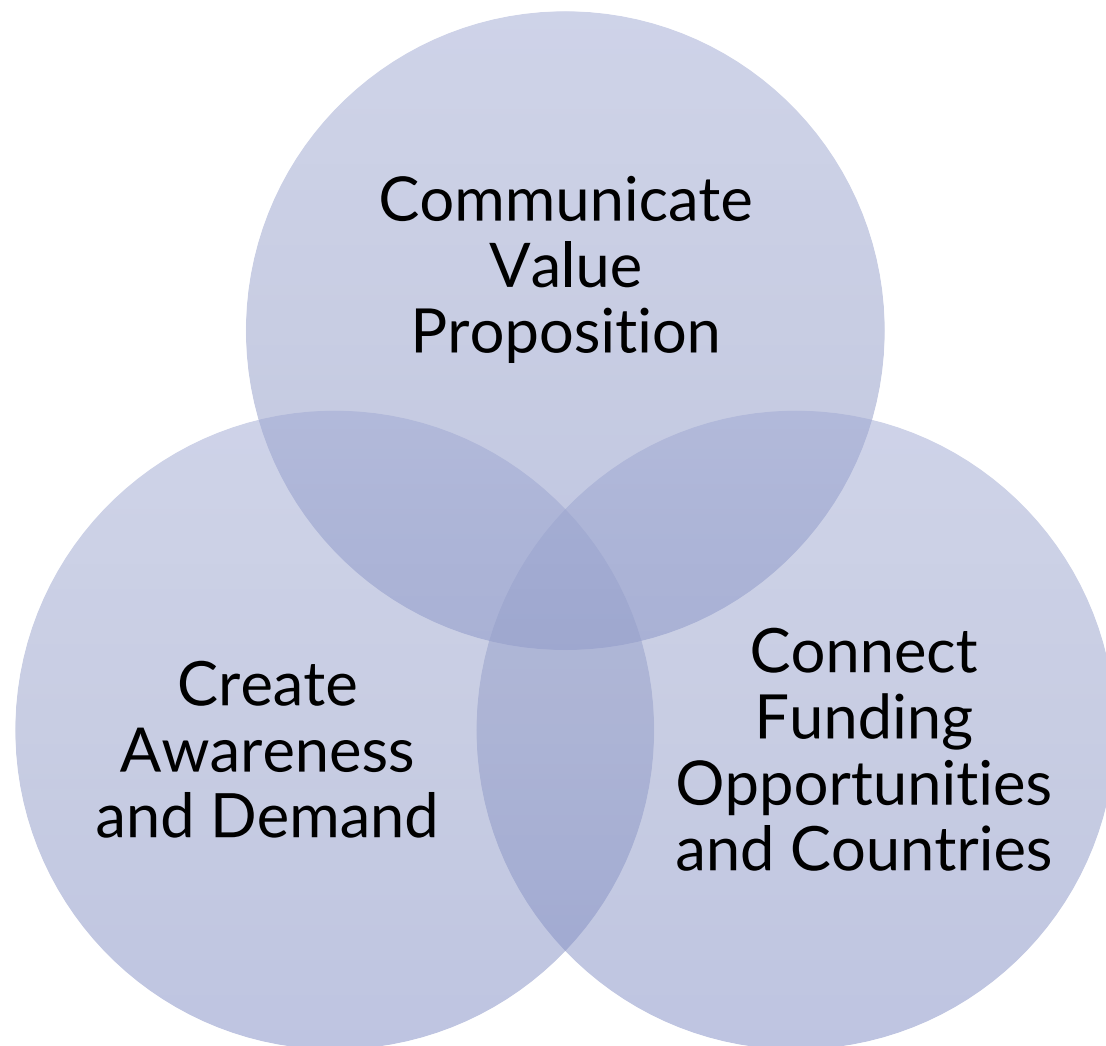
Building a Future for LaNA

IEA Actively Recruiting Countries

- LaNA 2023 Linking Study countries can obtain trend data with repeat administration
- New countries in need of reliable, internationally comparable data at end of primary school



LaNA Country Recruitment



Value Proposition: LaNA Overview



IEA's international assessment of **emerging mathematics and reading comprehension skills** at the end of primary school



Grounded in and linked to the globally recognized TIMSS and PIRLS assessments at fourth grade



Reports learning outcomes across multiple levels of proficiency, including the critical LaNA Basic Benchmark representing emerging skills

Value Proposition: Benefits of LaNA Participation



Reliable data to make evidence-informed decisions

National indicators of student achievement
International comparisons and trends
Contextual insights into school and home learning conditions



SDG 4.1.1b reporting

Proportion of end-of-primary students achieving at least a minimum proficiency level in reading and mathematics



Feasible and customizable

Easy to administer: paper-based, MC items
Countries choose when to administer
Adaptable content to address national needs



Capacity-building in assessment

Especially for countries new to international large-scale assessments
Additional modules and support possible

Create Awareness and Demand: Outreach

Updated and new communication materials to reflect messaging and requirements

Presented about LaNA at Africa-based conferences

- African Educational Assessment Association (AEAA), Ethiopia, August 2025
- International Association for Educational Assessment (IAEA), Zambia, September 2025

Liaising with UNESCO Institute for Statistics (UIS), custodian agency of SDG 4

- "Buyer's Guide for Student Learning Assessments" to include LaNA
- Opportunities to collaborate and share information



Create Awareness and Demand: Use of Data

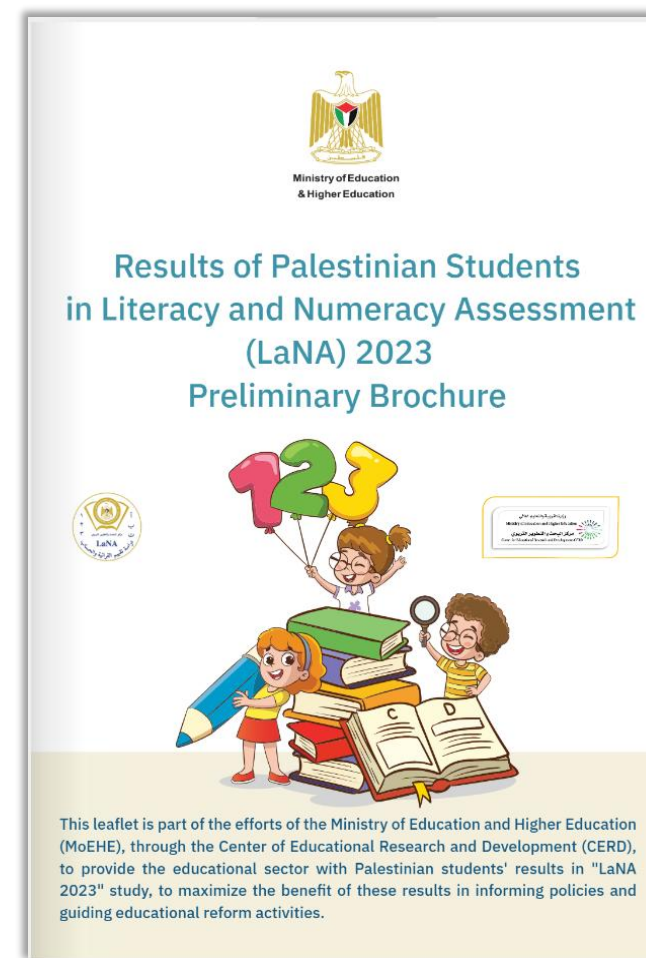
2023 Linking Study countries developing policy briefs, national reports, and disseminating results

World Bank including LaNA 2023 data in:

- Learning Poverty Index
- Human Capital Index

IEA Compass Brief using LaNA 2023 data planned

LaNA 2023 Linking Study Database is open-access and available for use



Connect Funding Opportunities with Countries

Washington Week - September 2025

- World Bank
- Global Partnership for Education (GPE)
- Inter-American Development Bank Group (IDB Group)

Planned

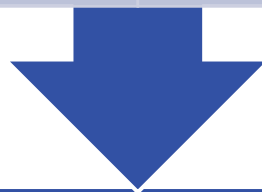
- Donor communication vehicles to share information
- Outreach to other donors, government development/aid agencies, and influential organizations

Enhancing Context Questionnaires

R&D project underway to better reflect the unique socio-economic and educational realities of Low- and Middle-Income Countries

Analyze literature and regional frameworks to identify LMIC-relevant background factors

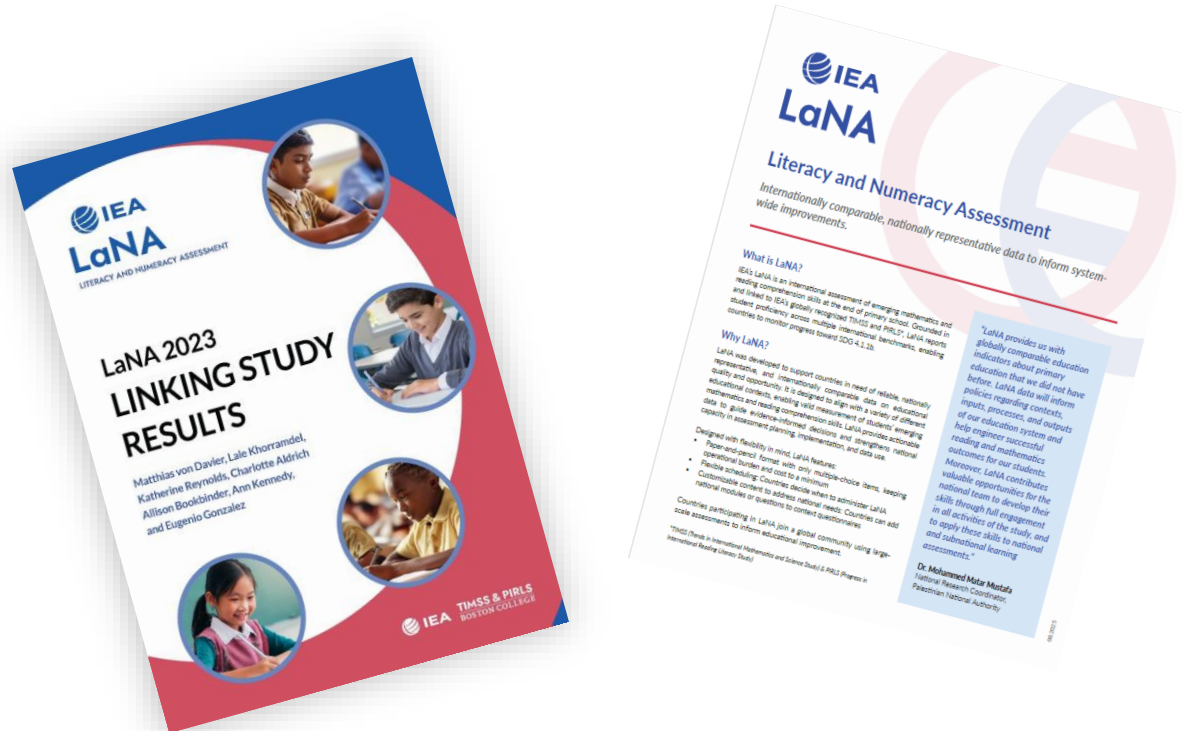
Work with countries and partners to ensure measures fit local educational contexts



Apply results to enhance LaNA questionnaires and provide a basis for developing a teacher questionnaire

Visit IEA's website for:

- New LaNA webpage
- More information on LaNA participation, materials, and support
- Full, comprehensive international report of the 2023 Linking Study and international database





Thank you!

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