





SDG 4 Exploring Options for Reporting



Reporting and measuring progress in SDG4

- What are now accepted as standard features of assessment systems that produce comparable results?
- What are some of the implementation problems detected even in relatively well-designed testing programmes?
- How to build comparable results?
- Whole debate around measuring learning outcomes.
 - cross-country comparability has been over-emphasised relative to comparability over time within countries.
 - It is the latter the one of greatest importance for national policymakers



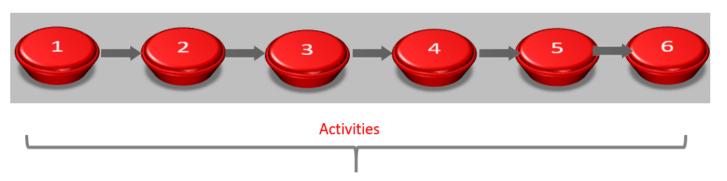
Indicator 4.1.1

The reporting format aims to communicate two pieces of information:

- ➤ the percentage of students meeting minimum proficiency standards for the relevant domains (mathematics and reading) for each point of measurement (grades 2/3; end of primary and end of lower secondary); and
- when different programs can be considered comparable and the conditions under which the percentage can be considered comparable to the percentage reported from another country.

Content Alignment

Conceptual Framework Coding Scheme and Reference List Technical Review of Existing Frameworks Consultation and Finalization Empirical Validation Content Alignment Tool



Outputs to Inform Reporting

- 1. Global Content Framework (GCF)
 - 2. Content Alignment Tool
 - 3. Online Platform



Procedural Alignment

Conceptual Development

Quick Guides for implementation Procedural Alignment Tool



Outputs to Inform Reporting

- 1. Manual of Good Practices
- 2. Quick Guides for Implementation
- 3. Procedural Alignment Tool and Online Platform





Agreement on MPL

Consensus Building Meeting on MPLs



Representatives from <u>regional</u> and <u>international</u> learning assessments met to agree on minimum proficiency levels (MPLs) in Paris, France.

SDG Indicator 4.1.1: Proportion of children and young people in (a) Grade 2 or 3; (b) at the end of primary education; and (c) at the end of lower secondary education, achieving at least a minimum proficiency level in (i) reading and (ii) mathematics, by sex













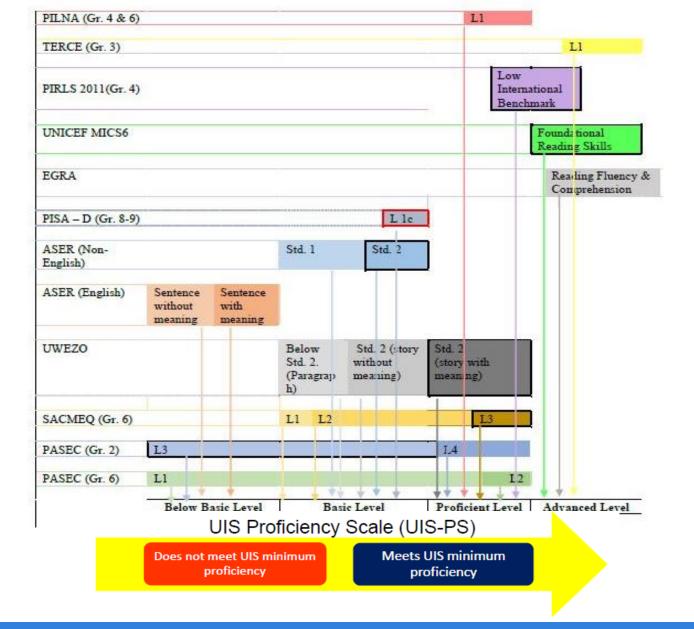














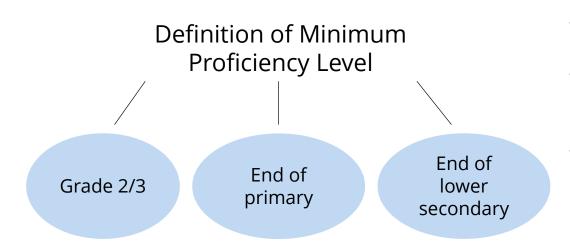






Progress in Indicators: 4.1.1

Consensus Building Meeting on MPLs



- Facilitate alignment between assessment programmes;
- Enable countries to pursue different options for assessments; and
- Allow for some harmonization of results

Reading & Mathematics

- Mapping proficiency levels
- Mapping proficiency level descriptors
- Identify common recommended benchmarks for MPLs → Harmonizing national assessments





Agreement on MPL

- ➤ Agreement on comparability for reporting indicator 4.1.1
 - General Policy Level descriptor (what the child/youth) is able to do
 - Multi- fold reporting

Mathematics

	Assessment/ Level
End of Lower Secondary	PISA level 2TIMSS low international
End of Primary	 SACMEQ level 3 / level 4 PASEC grade 6 level 1 PILNA level 6 TERCE grade 6 level 1 TIMSS 4 intermediate international benchmark
Grades 2/3	 PASEC grade level 2 TERCE grade 3 level 2 Further work to align MICS/ASER/Uwezo

Linking: Several ways forward...

- Approaches that have been put forward differ most obviously in terms of their technical complexity, financial cost, and implied comparability of national statistics.
- Less obvious differences relate to
 - their sustainability over time,
 - their impact on the politics, planning and operations of national education authorities,
 - their ability to contribute to capacity building within these authorities, and
 - their persuasive power in the media and policy debates.



The 2030 Agenda and reporting (II)

- A dialogue about definitional issues
 - What is the construct (for instance, reading?)
 - What are the contents?
 - What is the minimum proficiency?
 - How to express everybody in same scale?
- No matter what methodology that is used there are assumptions need to be met...
 - Learning domains and target population needs similarities to have valid outcomes.
 - Ensure procedural consistency
- Respect to national ownership, meet national needs and sensitivity to cultural values



SDG4 reporting - Innovative Solutions to comparability

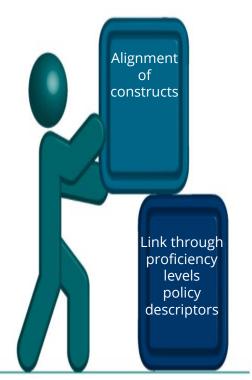
3 options to link assessments to a global scale

Non - Statistical Methods

Statistical Methods

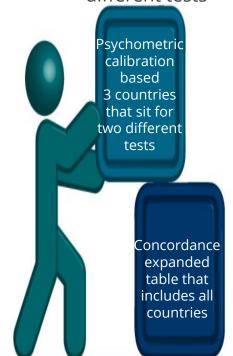
Social Moderation

Experts as moderators



Test-based linking

Common individuals, different tests



Item-based linking

Common items, different individuals







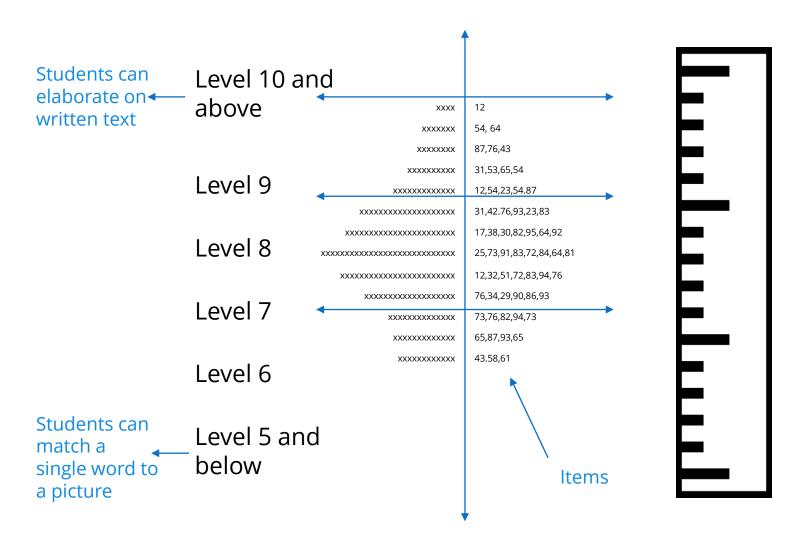
Rosetta Stone Proposal

Expanded Table International Assessment Argentina **United States** Regional Assessment **Regional Assessment** Bolivia Burkina Faso South Africa Argentina Mozambique Ghana Venezuela Namibia El Salvador Cuba Burundi Botswana El Salvador Swaziland Tunisia Costa Rica South Africa Pakistan Ecuador Senegal Countries in Regional Assessment not Guatemala Botswana Participating in IEA





Item-based linking: The Learning Progression Explorer









Thank you!

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