

PCRILLO

**Cultural Organization** 

SUSTAINABLE DEVELOPMENT GCALS

## **Reporting Indicator 4.1.1**

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## Indicator 4.1.1.



#### Target 4.1

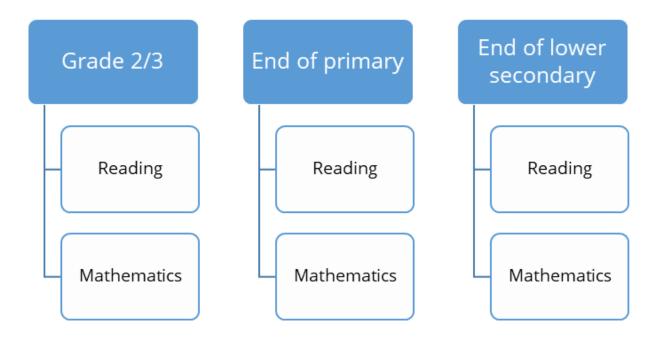
By 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes

#### Indicator 4.1.1

4.1.1 Proportion of children and young people: <u>(</u>*a*) in grades 2/3; (b) at the end of primary; and (c) at the end of lower secondary achieving at least a minimum proficiency level in (i) reading and (ii) mathematics, by sex

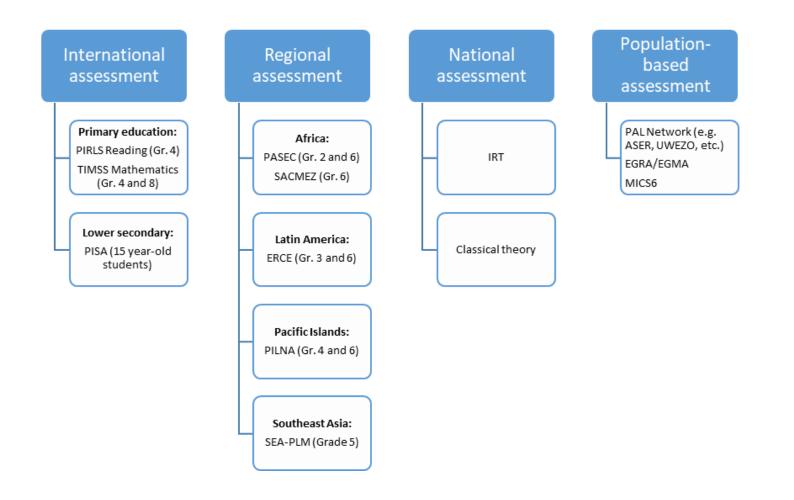


#### **Indicator 4.1.1**





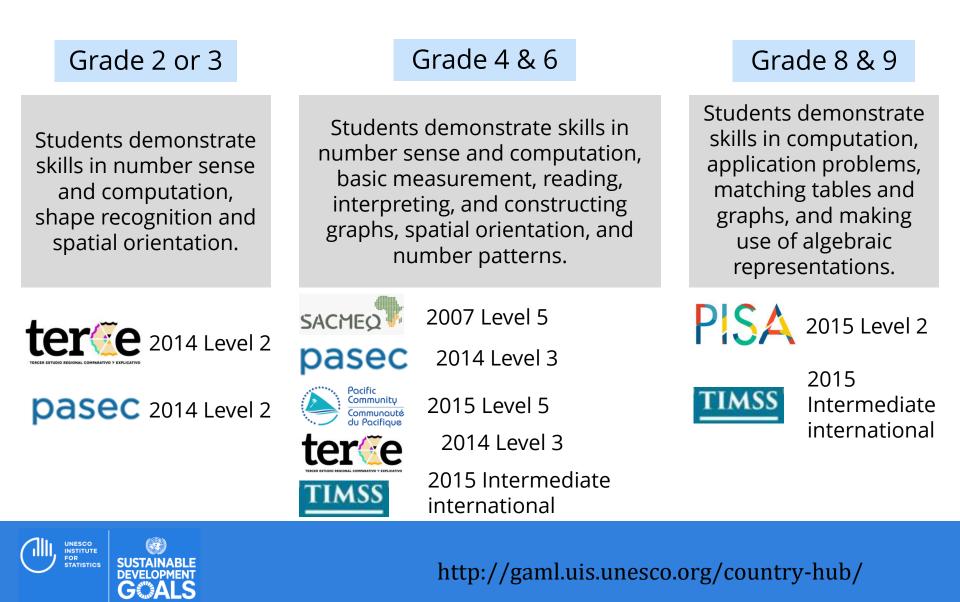
## **Type of assessments**



#### https://unesco-geo.acasus.com/



## Indicator 4.1.1 Minimum proficiency levels for mathematics



#### Alternative solutions to produce comparable data when we do not have comparable data

#### Test-based linking



#### Item-based linking





Pedagogical calibration

The *item (or a set of them)* is the point for linking Experts from the coordinators and countries are the "linking" agree on policy descriptors and item difficulty



'IMSS

## **Summary of Linking Options**

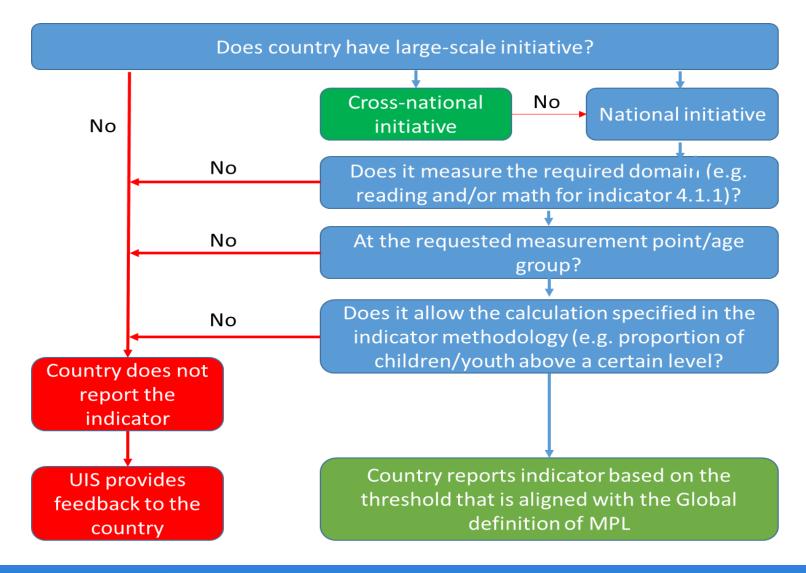
Level	Less psychometric calibration	Psychometric Calibration			
		Test Based Calibration	Items based linking		
Early Grades (2/3)	Yes	Unlikely	Less Feasible		
End of Primary	Yes	Yes	Feasible		
End of lower secondary	Yes	Feasible	Feasible		



	Pedagogical calibrat	ion	Test-based	Item-based	
Minimum Proficiency Le	vel				
Accomplished thus far	Agreement on definition of Minimum Proficiency Level (MPL)				
	Alignment of international assessments and population based				
	Unpacking of tasks and completion of proficiency frameworks				
	Compilation of items aligned with the MPL				
Linking Methodologies					
Accomplished thus far	Piloting toolkit	■ (	Countries identified	Compilation of	
	under development	■ F	Regional organization	items	
		i	dentified	underway	
		= I	nstruments finalized		
		■ F	Pilot Finished in LAC		
Remaining steps	Remaining steps				
	<ul> <li>Second half 2019</li> </ul>	•	Main field	Bank of items	
	<ul> <li>4 countries</li> </ul>	<b>–</b> (	Concordance tables	and exchange	
	(USAID, IS)			platform	
• When?	2019-Early 2020	201	9-2021	2019-	
	Finalization of the	Con	cordance Table - First	2019-	
	Toolkit to administer	sem	ester of 2021		
	globally				



### And how do a country report in 2019/2020?





## Decision tree for sources of data

For each of the indicators for 4.1.1 for global reporting, the sources of data selected should be prioritized as follows: 1. by grade mapping; 2) by type of assessment

# Priority of grade

# mapping

Priority of assessment

1. International assessments

2. Regional assessments

3. National assessments

4. Population-based assessments



## **Decision tree for sources of data**

Decision tree example:

Year	Source of data
2011	PIRLS 2011 (Grade 4)
2013	ERCE 2013 (Grade 3)
2016	National Learning Assessment (NLA) (Grade 3)

- 1. Grade mapping: ERCE and NLA are exact grade and PIRLS grade 4. Therefore, PIRLS is excluded.
- 2. Priority of assessments: ERCE has priority over NLA.

Decision: ERCE



### 2019 Indicator 4.1.1 reporting

Assessment	Sources of data	Alignment to the Global MPL	Priority for reporting by education level	Footnotes
International assessments: PISA, PISA4D, TIMSS/PIRLS	Yes	According to Consensus Meeting	1	[Assessment name and year]
Regional assessments: LLECE, PASEC, SACMEQ, PILNA	Yes	According to Consensus Meeting	2	[Assessment name and year]
National learning assessments (NLA)	Yes	Suggest and validate alignment	3	"National Learning Assessment (NLA):" [assessment name] & "; Grade " [grade number] & "; Minimum proficiency level: " [name or number of the MPL used for reporting]
EGRA/EGMA	Yes	According to Consensus Meeting	4	[Assessment name and year]
MICS	Yes	According to Consensus Meeting	4	[Assessment name and year]
PAL NETWORK (e.g. ASER, UWESO, etc.)	Yes	According to Consensus Meeting	4	[Assessment name and year]







# **Outline of Consultation**

Indicator	Issue to Consult
Indicator 4.1.1	Consultation about understanding of reporting Participation of countries in Policy Linking
Indicator 4.7.4 and 4.7.5	<ul> <li>Endorsement of</li> <li>Global Framework</li> <li>Reporting options splitting cognitive and non cognate D</li> <li>Definition of threshold</li> </ul>
Breadth of Skills	Endorsement of Work Plan
Indicator 4.6.1	Revised Work Plan ?
Indicator 4.4.2	

https://www.research.net/r/GAML6 Consultation



United Nations Educational, Scientific and Cultural Organization

# Thank you

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