

LaNA Launch Study Progress Report

Matthias von Davier & Ann Kennedy

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TIMSS & PIRLS
International Study Center
Lynch School of Education
BOSTON COLLEGE

LaNA (Literacy and Numeracy Assessment)

- LaNA is a new Literacy and Numeracy assessment for countries where TIMSS and PIRLS may be too difficult
 - *Provides countries with data that help to target the UN's SDG 4 which aims to "ensure inclusive and equitable quality education and promote lifelong learning opportunities for all"*
 - *Intended as a first step to participation in PIRLS and TIMSS*
 - *Guided by the PIRLS 2016 Reading Framework and the TIMSS 2015 Mathematics Framework*

LaNA Linking Study

- The current administration (2023) is underway to launch LaNA
 - Establish the LaNA scale and scale metric
 - Link to TIMSS mathematics and PIRLS reading achievement scales
 - Explore the creation of a new 'Basic' International Benchmark to describe student achievement at the lower end of the scales
- The current design and item selection for the achievement booklets is based on prior pilot studies in 5 countries

LaNA Linking Study Design

- Half of the students in a classroom receive a LaNA booklet, the other half receive a linking booklet (equivalent groups design)

| Assessment Booklets | | Part 1 | | Part 2 | |
|-----------------------|-----------|-----------|-----|-----------|-----|
| LaNA Booklets | Booklet 1 | N1 | N2 | L0_Common | L1 |
| | Booklet 2 | L0_Common | L2 | N2 | N3 |
| | Booklet 3 | N3 | N4 | L0_Common | L3 |
| | Booklet 4 | L0_Common | L4 | N4 | N1 |
| LaNA Linking Booklets | Booklet 5 | NL1 | NL2 | LL1 | |
| | Booklet 6 | LL2 | | NL2 | NL3 |
| | Booklet 7 | NL3 | NL4 | LL3 | |
| | Booklet 8 | LL4 | | NL4 | NL1 |

LaNA Linking Study Administration

- The LaNA Linking Study consists of
 - *Practice Administration (PA)* – conducted from **May-August 2023** based on two achievement booklets (1 LaNA and 1 linking booklet) and two questionnaires (Student Questionnaire and School Questionnaire)
 - *Data Collection (DC)* – conducted in **November-December 2023** based on eight achievement booklets (4 LaNA and 4 linking booklets) and two questionnaires (Student Questionnaire and School Questionnaire)

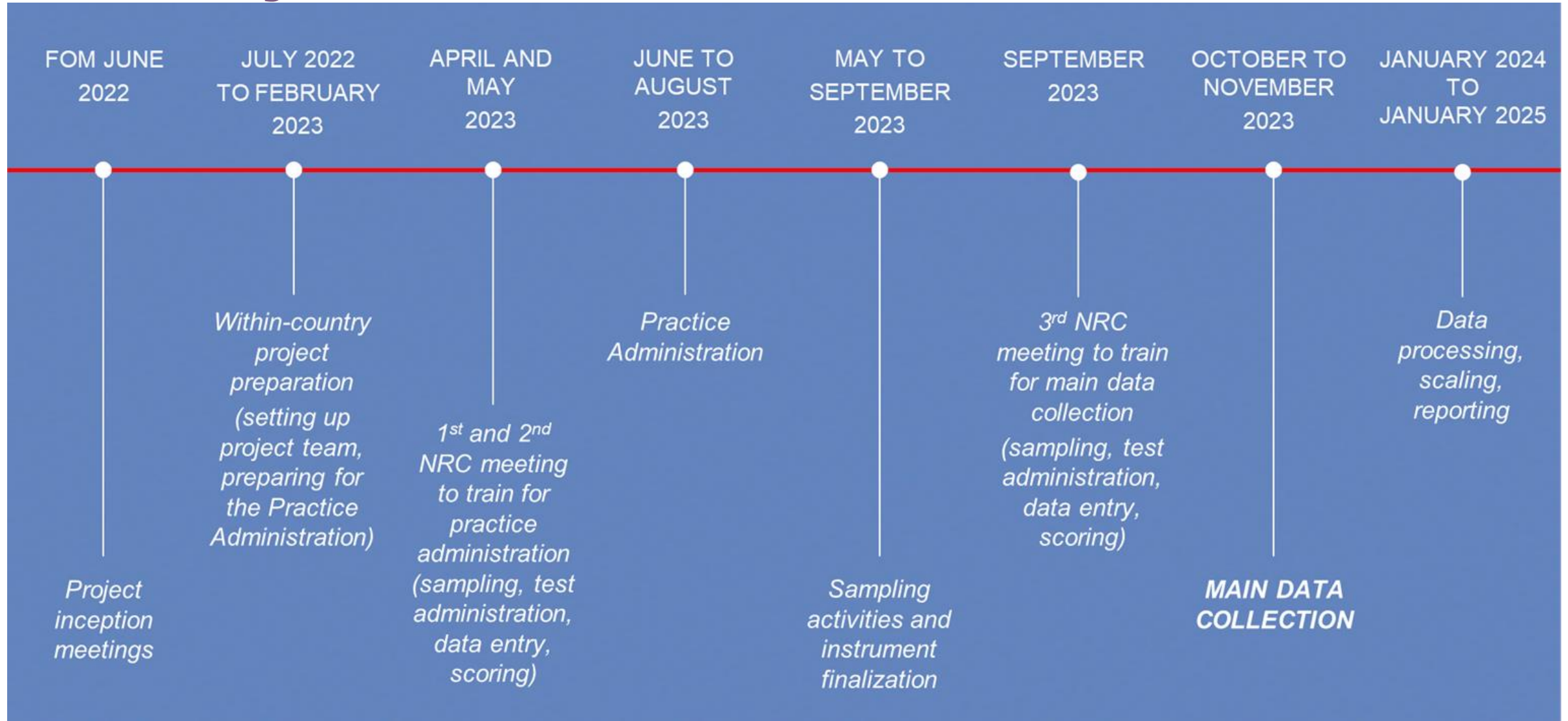
LaNA Practice Administration

- The following 6 countries are participating in the LaNA Linking Study:
 - Burkina Faso
 - Egypt
 - Nigeria
 - Palestine
 - Pakistan
 - Senegal
- The PA indicates that the achievement difficulties are well targeted for the students in the grade level selected within each participating country

LaNA Data Collection

- Countries are currently translating the full set of booklets and questionnaire materials
- Administration manuals and scoring training materials have been prepared for the main data collection
- The targeted minimum sample size is 4,500 students from at least 100 sampled schools

LaNA Project Status and Timeline



Summary

- LaNA provides an opportunity for reporting reliable, valid, and internationally comparable indicators of student proficiencies in literacy and numeracy for measuring progress toward the UN's SDG 4.
- The current LaNA Linking Study aims at a scale linkage to TIMSS (Math) and PIRLS.
- A targeted outcome of the LaNA Linking Study is establishing a new 'Basic' International Benchmark that expands the description of student achievement at the lower end of the TIMSS (Math) and PIRLS scales.

Contacts:

If you have questions about LaNA in general or about participation, please ask us now, or in the break.

After the meeting, drop us an email, or please get in touch with us through the project email assigned to LaNA:

Boston College: LANA_2023@bc.edu

IEA Hamburg: iana@iea-hamburg.de



Thank You!

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