

SCALING FOUNDATIONAL LEARNING PROGRAMS: THE MINIMUM PACKAGE REQUIRED

FLN Hub Webinar

17 August 2023

WELCOME!

Agenda		
5 mins	Welcome, agenda and housekeeping	Pereruan Kenana, Africa Practice
10 mins	Scaling foundational learning programs: Breadth vs Depth	Dr Wendi Ralaingita, RTI
30 mins	What has been learnt from Learning at Scale, and emerging learnings from Numeracy at Scale?	Dr Jonathan Stern, RTI
15 mins	Numeracy At Scale case study: Grade R Maths, South Africa	Almaret Du Toit and Dawn Cozett, Western Cape Education Department
20 mins	Q&A Panel with all speakers	Moderator: Dr Wendi Ralaingita
5 mins	Science of Teaching program: What support is available?	Julianne Norman
5 mins	Closing remarks	Pereruan Kenana, Africa Practice

Housekeeping:

- This session is being recorded
- Stay on mute when not speaking
- Use the 'chat' to ask questions

- Feel free to tweet using:
 - #NumeracyAtScale
 - #LearningAtScale
 - #ScienceOfTeaching
 - @RTI_INTL_DEV
 - @CGDev
 - @gatesfoundation
 - @SoTFLN

SCALING FOUNDATIONAL LEARNING PROGRAMS: BREADTH VS DEPTH

SCALING FOUNDATIONAL LEARNING PROGRAMS: BREADTH VS DEPTH



Dr Wendi Ralaingita, RTI

Senior Education Advisor

Principal Investigator for Science of Teaching

Scaling Foundational Learning Programs – Breadth versus Depth

17 August 2023

Science of Teaching



ADVISORY COMMITTEE



African Population and Health Research Center



THE SCIENCE OF IMPROVING LIVES



Foreign, Commonwealth & Development Office



Room to Read



SAN FRANCISCO STATE UNIVERSITY



for every child

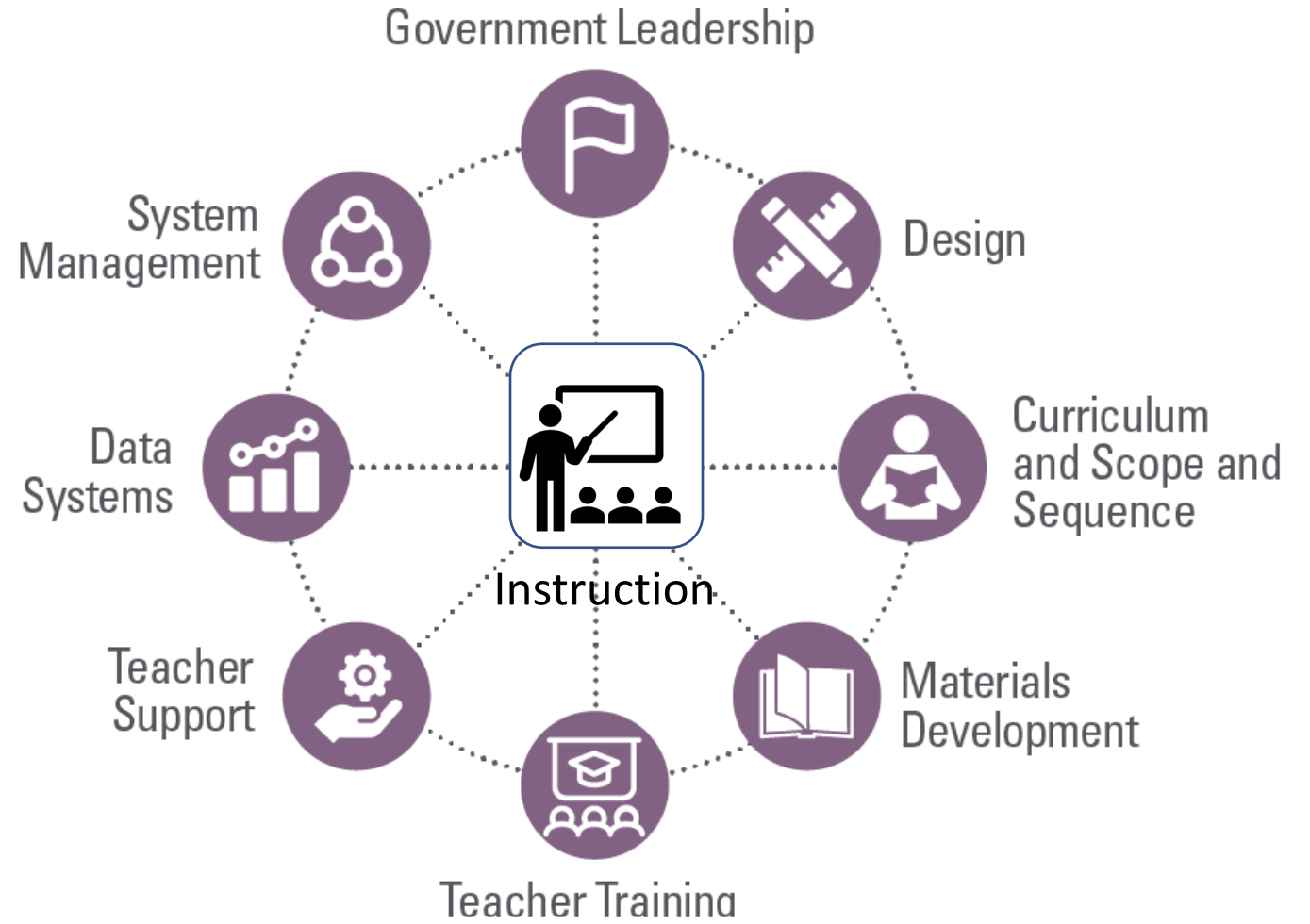


USAID FROM THE AMERICAN PEOPLE



WORLD BANK GROUP

Lessons from
Science of
Teaching:
Structured
Pedagogy



What does good instruction look like?

High Impact Strategies:

- Direct Explanation
- Modeling
- Guided practice
- Independent practice
- Discussion

Assessment-informed instruction:

Knowledge of students + assessment to make instructional decisions, help struggling learners, differentiate

Ensure mastery from basic skills to Higher Order (HOT skills):

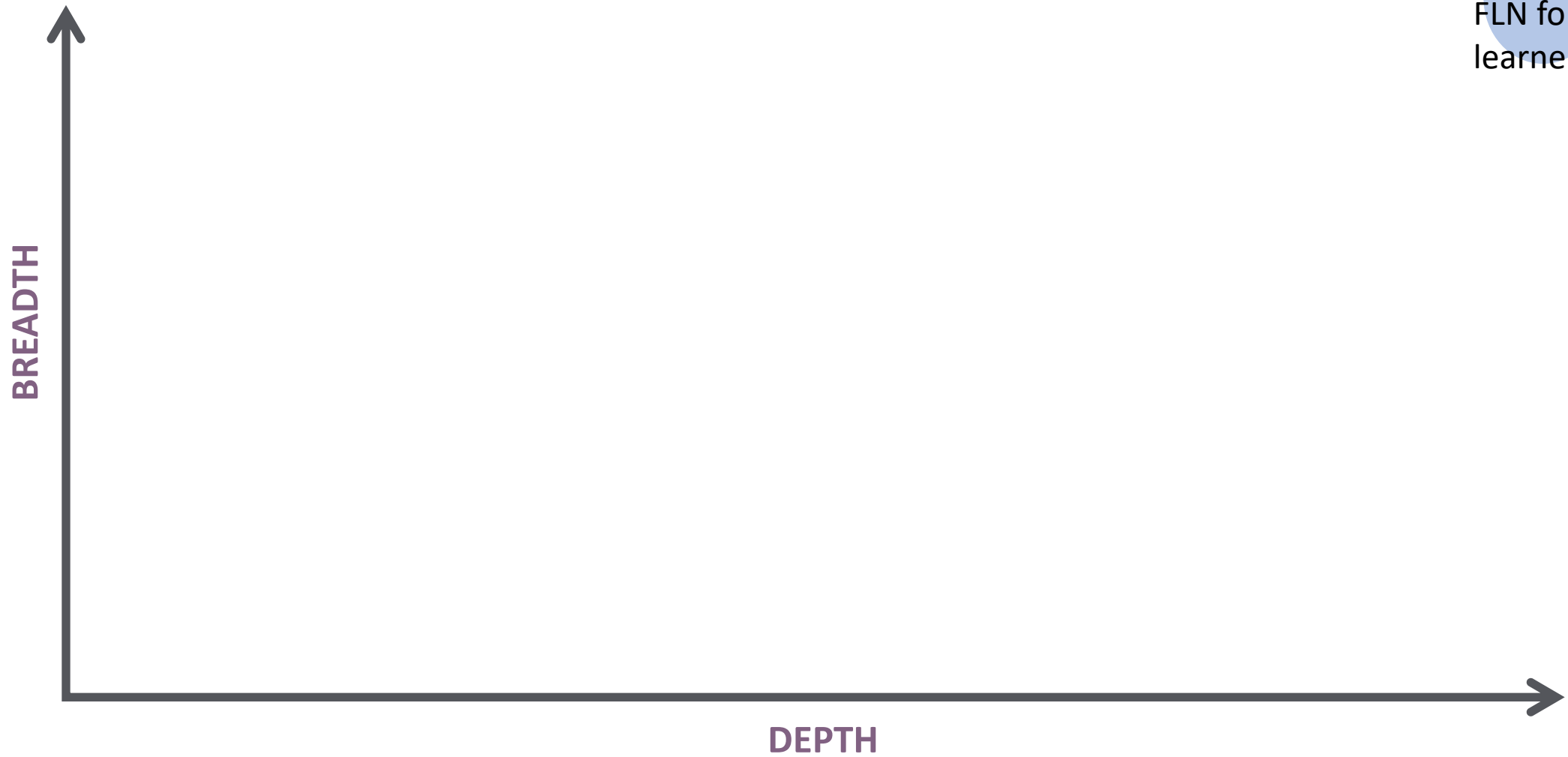
Literacy

- Oral language, Components of reading, writing;
- Varied text types

Mathematics

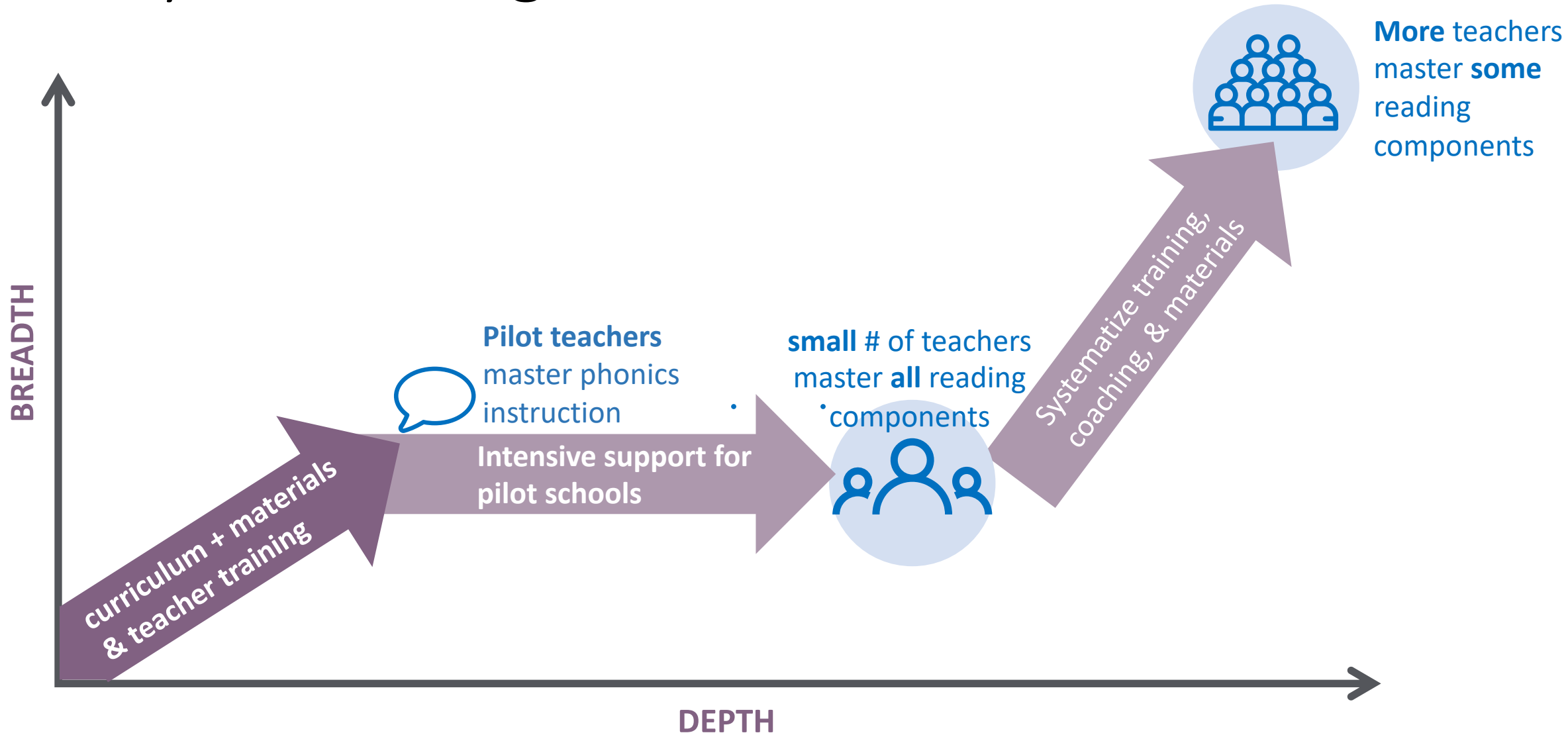
- Conceptual knowledge + Procedural Fluency
- All core domains
- Concrete → Abstract

Journey to learning for all

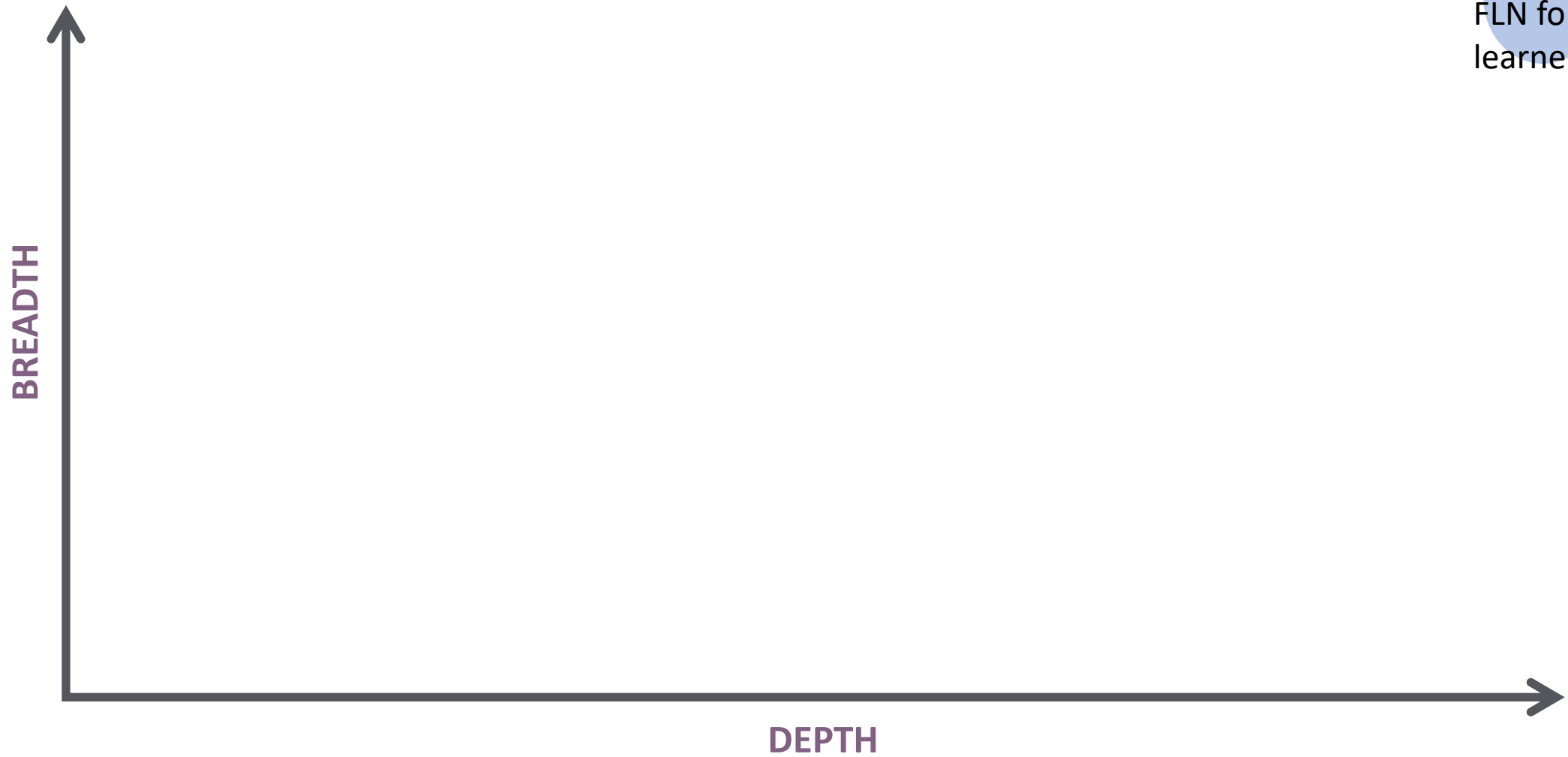


High Quality
FLN for all
learners

Journey to learning for all



Journey to learning for all



High Quality
FLN for all
learners

Science of Teaching – How-to Guides



Structured Pedagogy



Assessment-
Informed Instruction



Language of
Instruction



Pre-Service Teacher
Education



Numeracy



Remediation

Thank you!

Access the Science of
Teaching website here!



WHAT HAS BEEN LEARNT FROM LEARNING
AT SCALE, AND EMERGING LEARNINGS FROM
NUMERACY AT SCALE?

LEARNING AT SCALE AND NUMERACY AT SCALE: OVERVIEW & FINDINGS



Dr Jonathan Stern, RTI

Research and Evaluation Lead for International Education

Principal Investigator for Learning at Scale and Numeracy at Scale

NUMERACY AT SCALE CASE STUDY: GRADE R MATHS, SOUTH AFRICA

GRADE R MATHS, SOUTH AFRICA



Almaret Du Toit, Western Cape Education Department
Chief Education Specialist



Dawn Cozett, Western Cape Education Department
Senior Curriculum Planner



Western Cape
Government

FOR YOU



Education

RMATHS PROGRAMME WESTERN CAPE

16 August 2023

Overview of the RMaths programme

Rolled out from 2017 - 2018

800 Public Ordinary schools and Independent sites

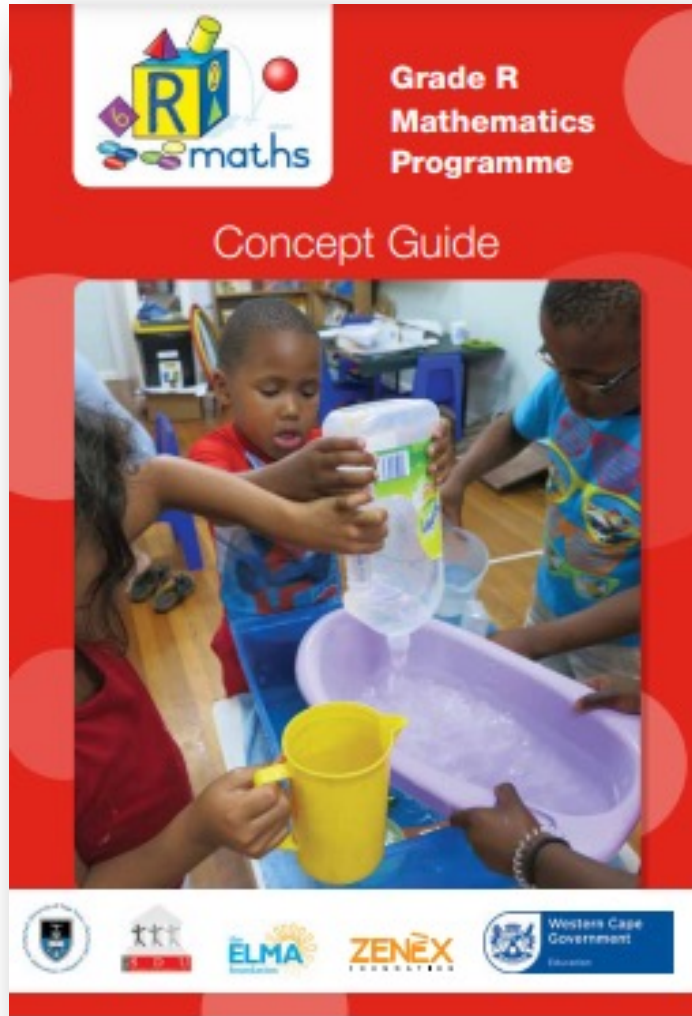
3000 Teachers/Practitioners

70 000 Learners

External Funders: UCT, Zenex, ELMA
Philanthropies, MAITRI Trust

Adopted by Gauteng Province

RMaths Resources



Grade R Mathematics Programme

Concept Guide

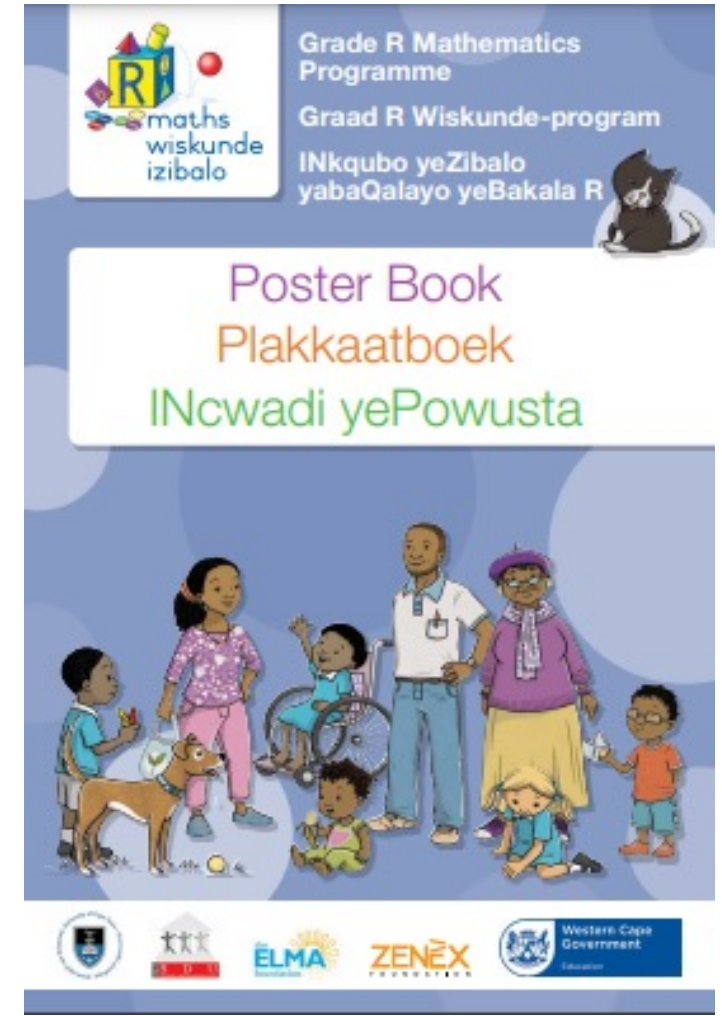
Western Cape Government
ELMA
ZENEX



Grade R Mathematics Programme

Activity Guide: Term 4

Western Cape Government
ELMA
ZENEX



Grade R Mathematics Programme
Graad R Wiskunde-program
INkqubo yeZibalo yabaQalayo yeBakala R

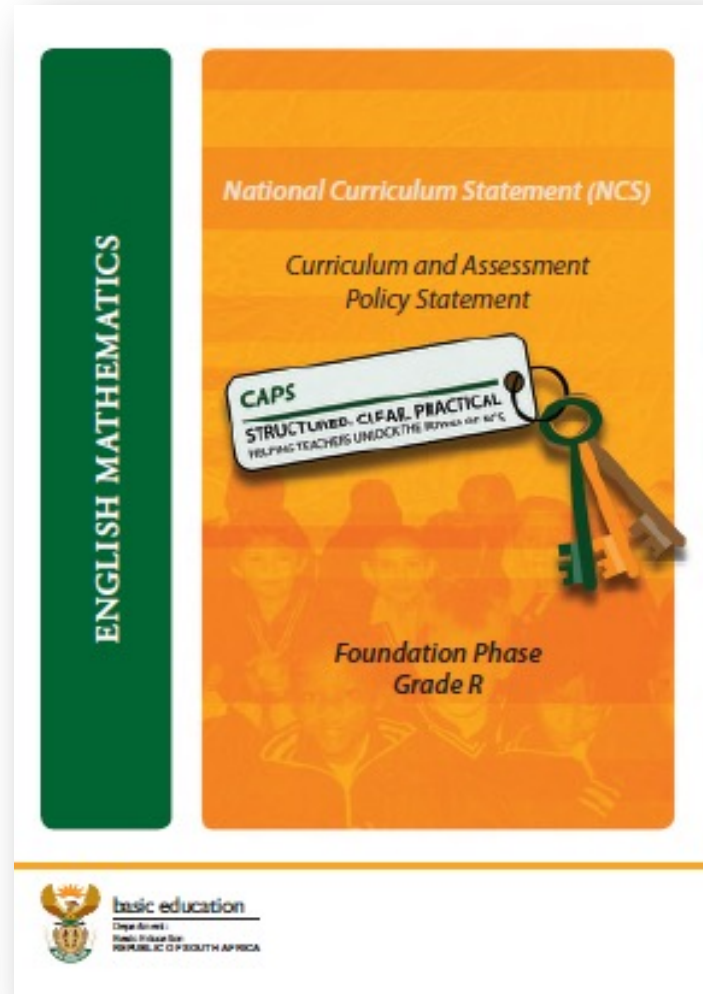
Poster Book
Plakkaatboek
INcwadi yePowusta

Western Cape Government
ELMA
ZENEX





Reflections on how South Africa took a foundation-led implementation project and incorporated it into official policy



CURRICULUM AND ASSESSMENT POLICY STATEMENT

WHITE PAPER 5 & 6

National Protocol for Assessment (NPA)

National Policy Pertaining to the Programme to Promotion Requirements (NPPPR)

2030 National Development Plan

Impact of programme

Western Cape top in
National Systemics

Western Cape top in ELNA
assessments (Early Learning
National Assessments)

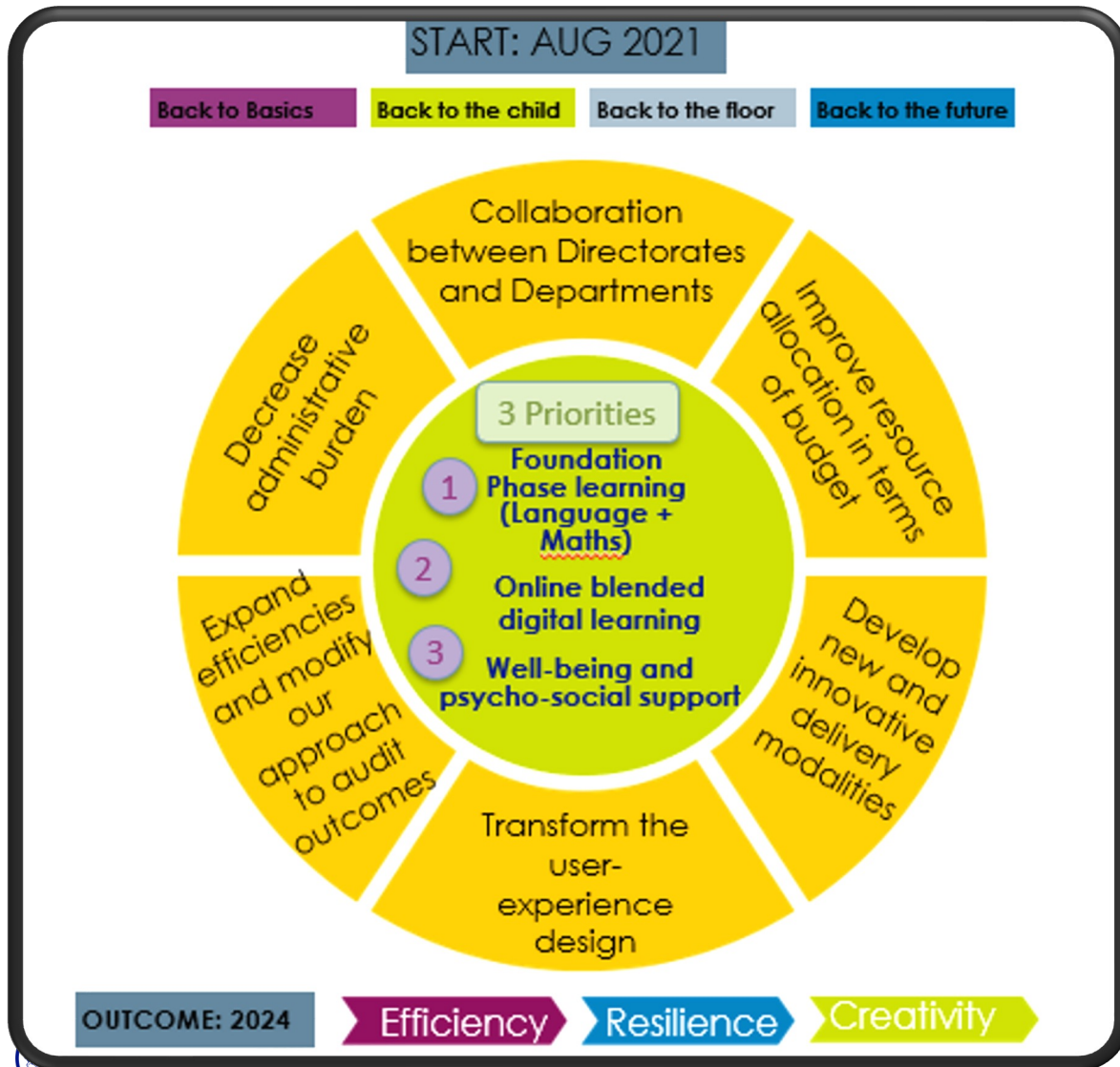
2022 Grade 3 Provincial
systemic tests shows a 3%
increase

Western Cape tops in the
TIMMS results

Extended to other
provinces



Steps taken to institutionalize the program



- Foundation Phase key priority
- Gr R part of FP
- Ringfenced budget
- Grade R CAPS curriculum
- Monitor and support

Key take aways



Strong partnerships

Buy-in Top management

Ringfenced budget

Prioritize early learning

Strong monitoring & support systems

Thank you

Q&A PANEL

Moderator:



Dr Wendi Ralaingita

Panelists:



Dr Jonathan Stern



Almaret Du Toit



Dawn Cozett

SCIENCE OF TEACHING PROGRAM: WHAT SUPPORT IS AVAILABLE?

SCIENCE OF TEACHING PROGRAM: WHAT SUPPORT IS AVAILABLE?



Julianne Norman, RTI
Education Research Project Manager



scienceofteaching.site



Structured
Pedagogy



Assessment-
Informed Instruction



Language of
Instruction



Pre-Service Teacher
Education



Numeracy



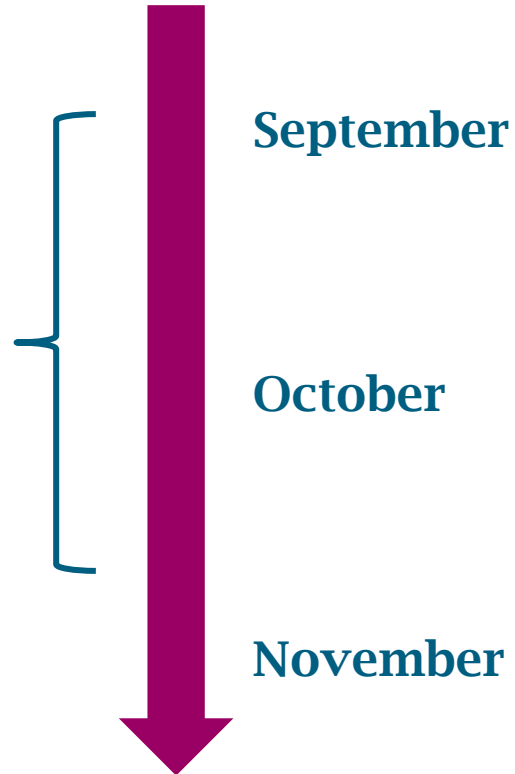
Remediation

CLOSING REMARKS

CLOSING REMARKS

Release of Numeracy at Scale briefs for India, Jordan, El Salvador and South Africa

In country and online dissemination activities



The country brief for the Numeracy at Scale Madagascar TAFITA program is already released!



learningatscale.net

FLN HUB SUBSCRIPTION LINK

