

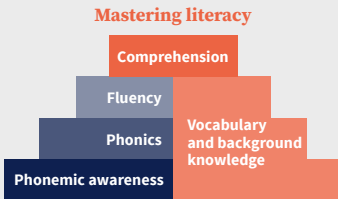
Universal, Early, Conceptual and Procedural Mastery of Foundational Skills

MASTERY



Learn to read, so you can read to learn

New knowledge and skills need to be practiced to the point of mastery. Once mastered, prior knowledge can be applied to new situations and can facilitate subsequent mastery of more complex knowledge.⁶



Similar mastery is necessary in mathematics as well.

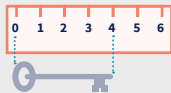
CONCEPTUAL & PROCEDURAL



Understand and apply

In any subject area, children need both conceptual understanding of key principles, and procedural competence in applying these principles. Neither of these can be achieved through rote learning.⁵

Procedural



How long is the key?

86% of surveyed youth in India get it right

Conceptual



What is the length of this pencil?

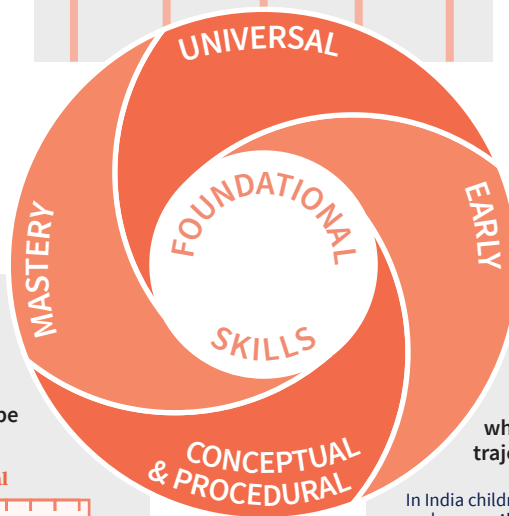
<40% could give the right answer

FOUNDATIONAL SKILLS



The key to unlocking future aspirations

Literacy and numeracy are prerequisites for subsequent learning, and for reaching full potential in professional, civic, and social life.



UNIVERSAL



Learning for all

In many countries, most children lack foundational skills even after several years in school. Ensuring universal skills requires prioritising steeper learning trajectories for most children.

In low- and middle-income countries, an estimated...

52% of children

cannot read proficiently.¹

From the...

- **Universal Declaration of Human Rights**
- to the **Jomtien Declaration** (1990)
- and the **Sustainable Development Goals** (adopted 2015)

global education goals have always been **universal**.

Across more than 50 low- and middle-income countries,



who completed primary school (but had no secondary education) **could not read a simple sentence**.²

EARLY



Learn early, get farther

Low learning trajectories emerge early and accumulate over time. Children who fall behind early rarely catch up. Steeper learning trajectories are needed early to reach goals.

In India children fall behind early, **more than half** of Grade 5 students cannot read a Grade 2 text.³

In Indonesia, if students have not mastered foundational numeracy by Grade 5, **they rarely acquire it later on**.⁴



RISE