

Insights and learnings from the National Student Assessment (NSA), 2022



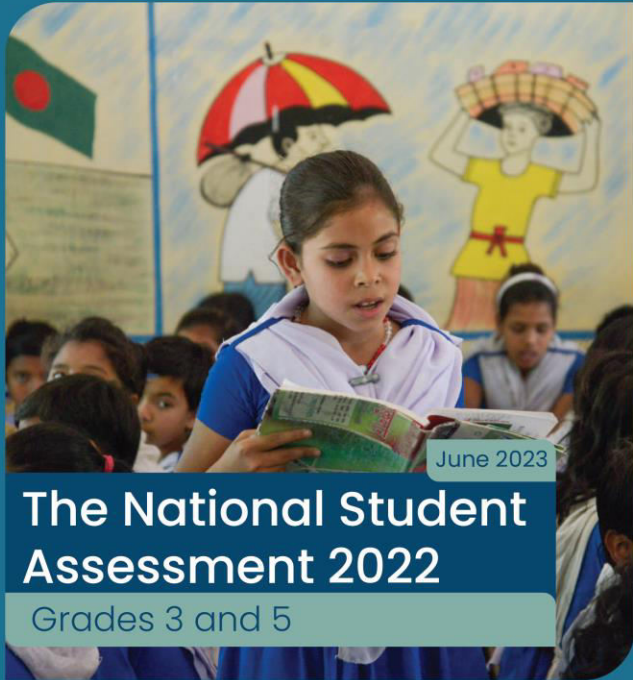
Acknowledgements

- Directorate of Primary Education (DPE), Ministry of Primary and Mass Education (MoPME), Government of Bangladesh
- United Nations Children's Fund (UNICEF)





Government of the People's Republic of Bangladesh
Ministry of Primary and Mass Education



Monitoring and Evaluation Division
Directorate of Primary Education

In partnership with



Technical agency



Summary

The National Student Assessment (NSA) is a system-level assessment of **literacy (Bangla)** and **numeracy (Mathematics)** outcomes for primary-grade students in **Bangladesh**

- On 6 December 2022, **54,232** students in grades 3 and 5 participated in NSA 2022
- The **national report** was released on 19 August 2023

Key finding: Learning levels were slightly higher than the 2017 cycle

NSA 2022: Context

About NSA 2022

- Conducted in the context of global concerns about **learning loss**
- **7th cycle of NSA** conducted after 5 years of the 2017 cycle
- The **first NSA since the COVID-19 school closures** and school reopening in early 2022
- ACER was the technical partner in the 2011, 2013, and 2022 cycles

ACER's role in the project

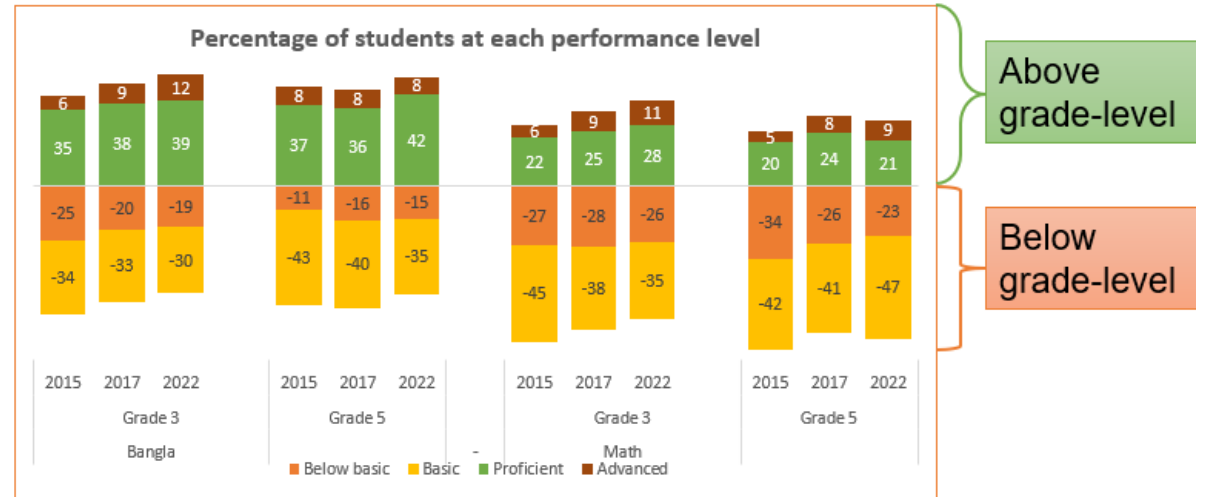
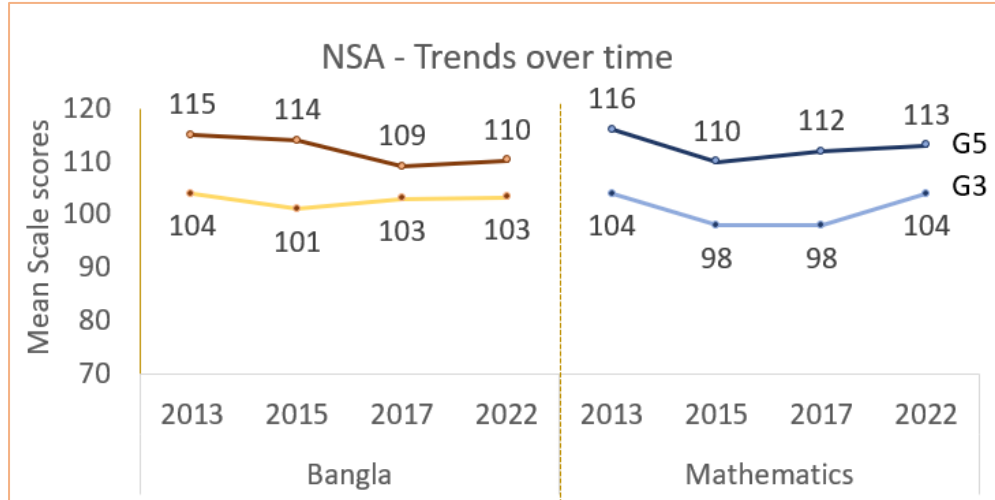
- Technical support to UNICEF in:
 - Design
 - Implementation/administration support
 - Data management
 - Analytics
 - Reporting
 - Capacity building
 - Communication plan



NSA 2022 tells us...

- **What students in grades 3 and 5 know and can do**
- How learning achievements differ across population sub-groups
- What are a few of the factors associated with learning

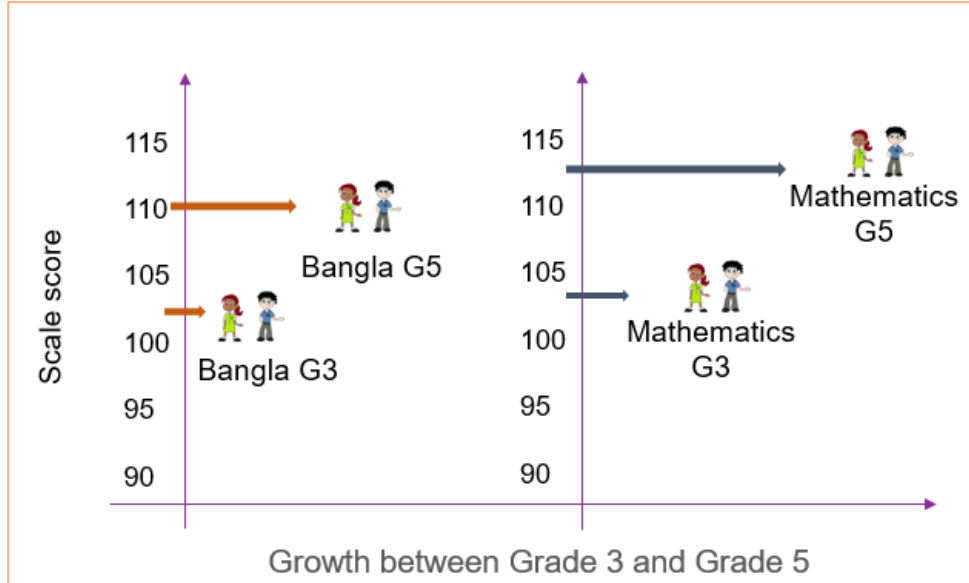
Student performance was similar to or slightly better than NSA 2017



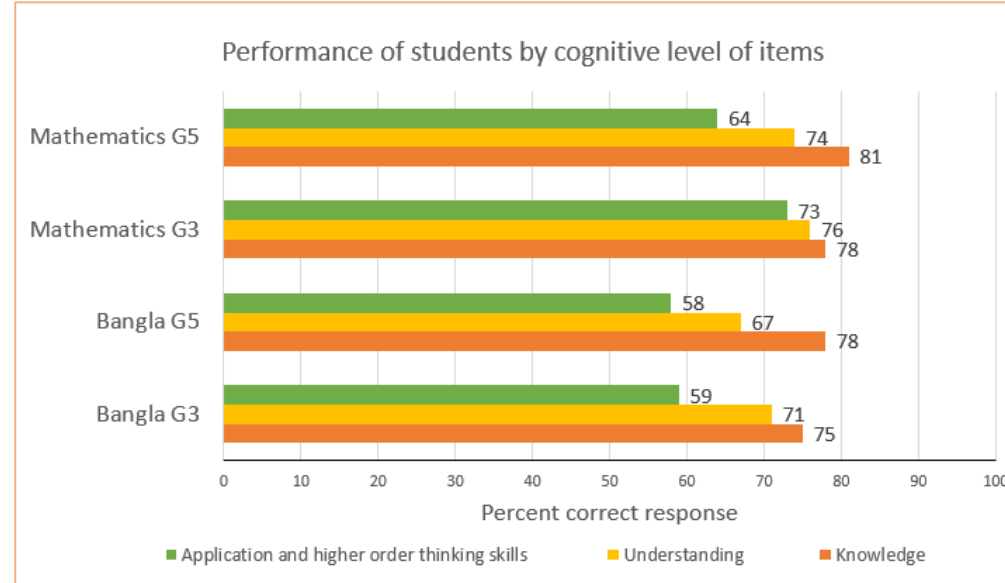
Grade 3 students showed relatively higher growth in mathematics

- About 50% students in grades 3 and 5 demonstrated grade-level proficiencies in Bangla
- 39% grade 3 students and 30% grade 5 students demonstrated grade-level proficiencies in mathematics

Students are moving upward on the learning scale as they move through grades



The ability of grade 5 students is higher than grade 3 students



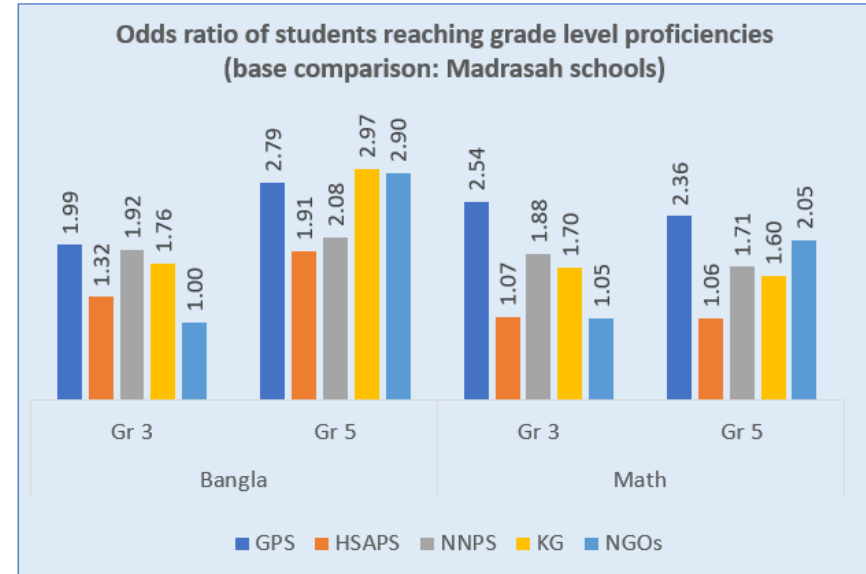
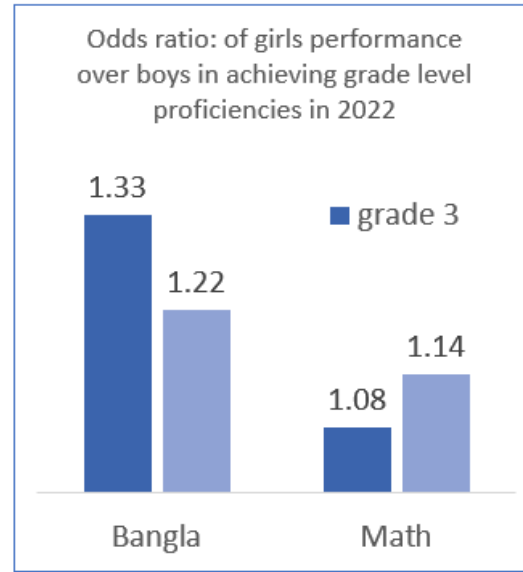
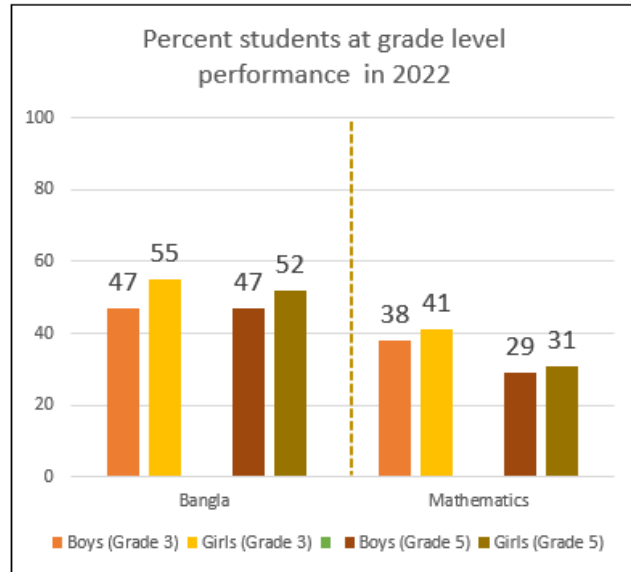
The performance on items assessing higher order thinking skills is lower across grades and subjects

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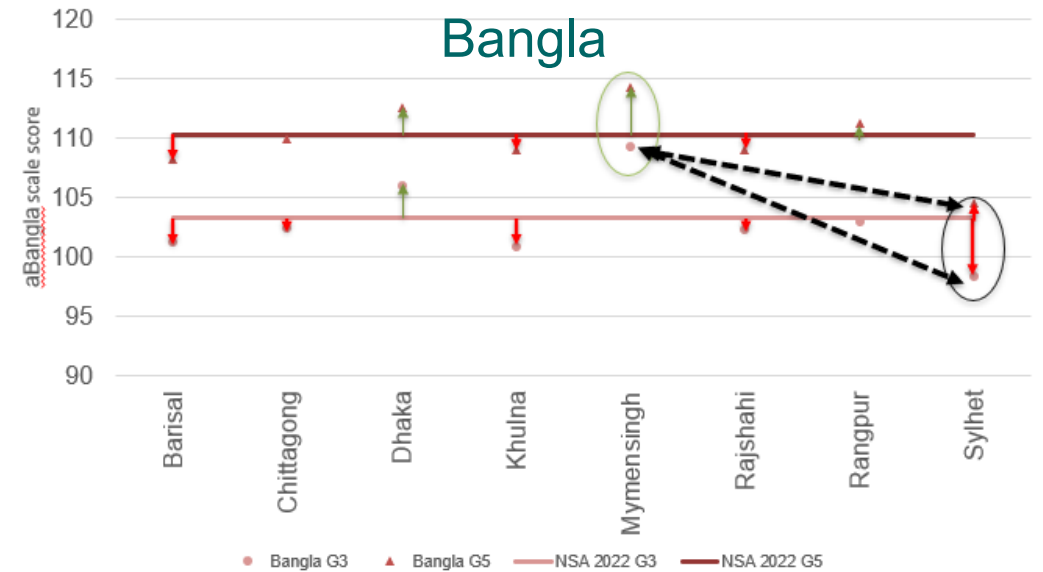
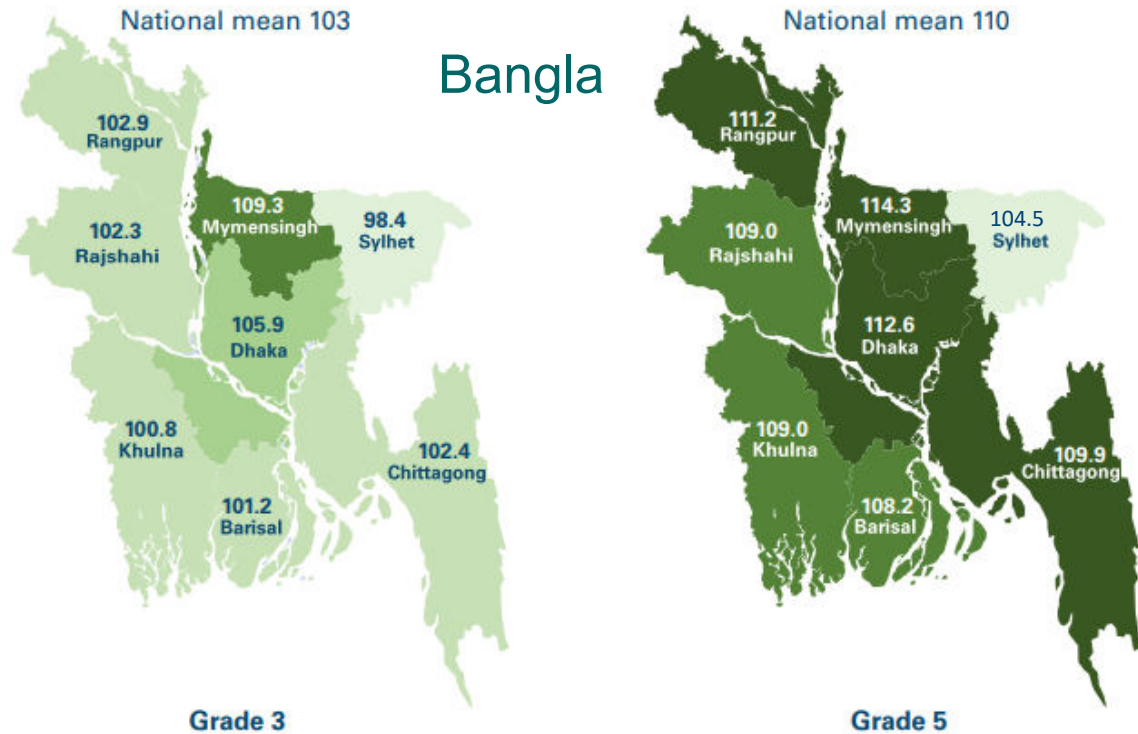
Performance parity between boys and girls, but not across school types



Girls performed better than boys across the grades and subjects

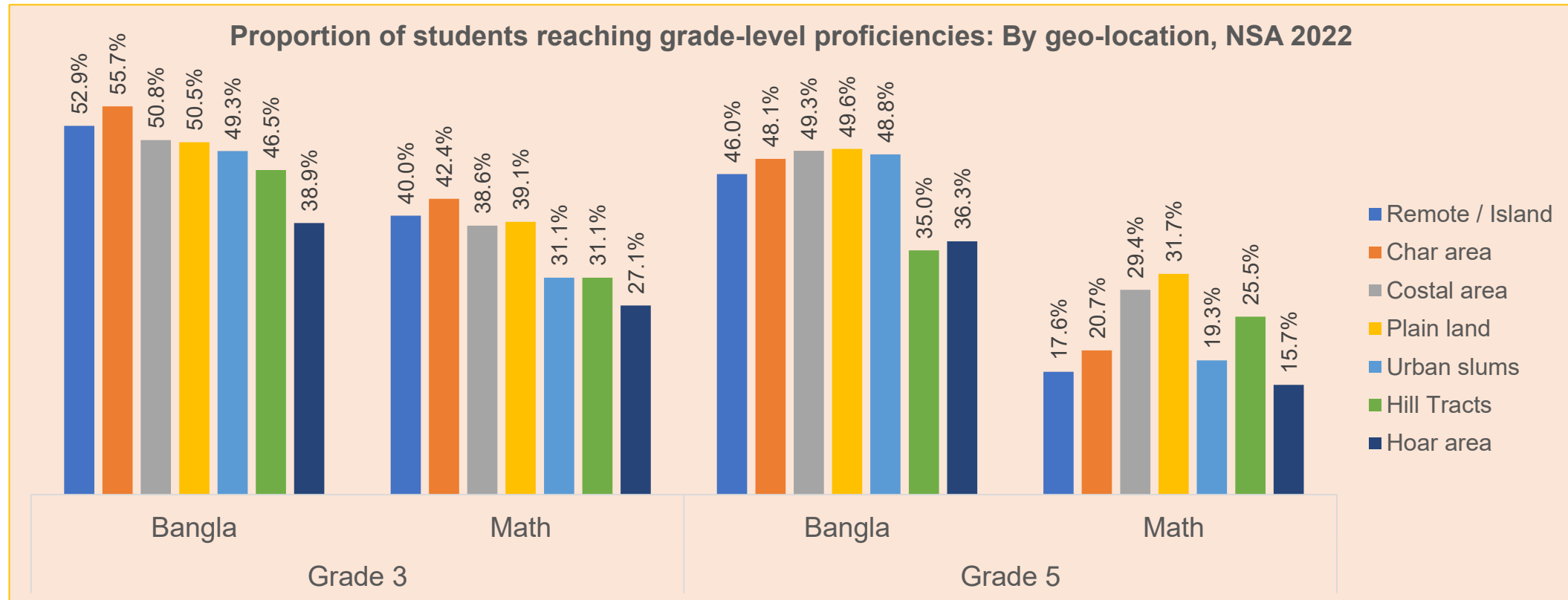
- GPS, HSAPS, and private school students performed better than the national average across both grades in both subjects
- Students in Madrasahs performed significantly below all other school types across the grades and subjects

Regional disparity in performance across the grades and subjects



Dhaka and Mymensingh divisions performed better than other divisions while Sylhet's performance was lower, similar to previous rounds of NSA

Regional disparity in performance across the grades and subjects



Students from plains, coastal, and remote regions showed better performance, while students from wetlands, remote areas and island regions performed low

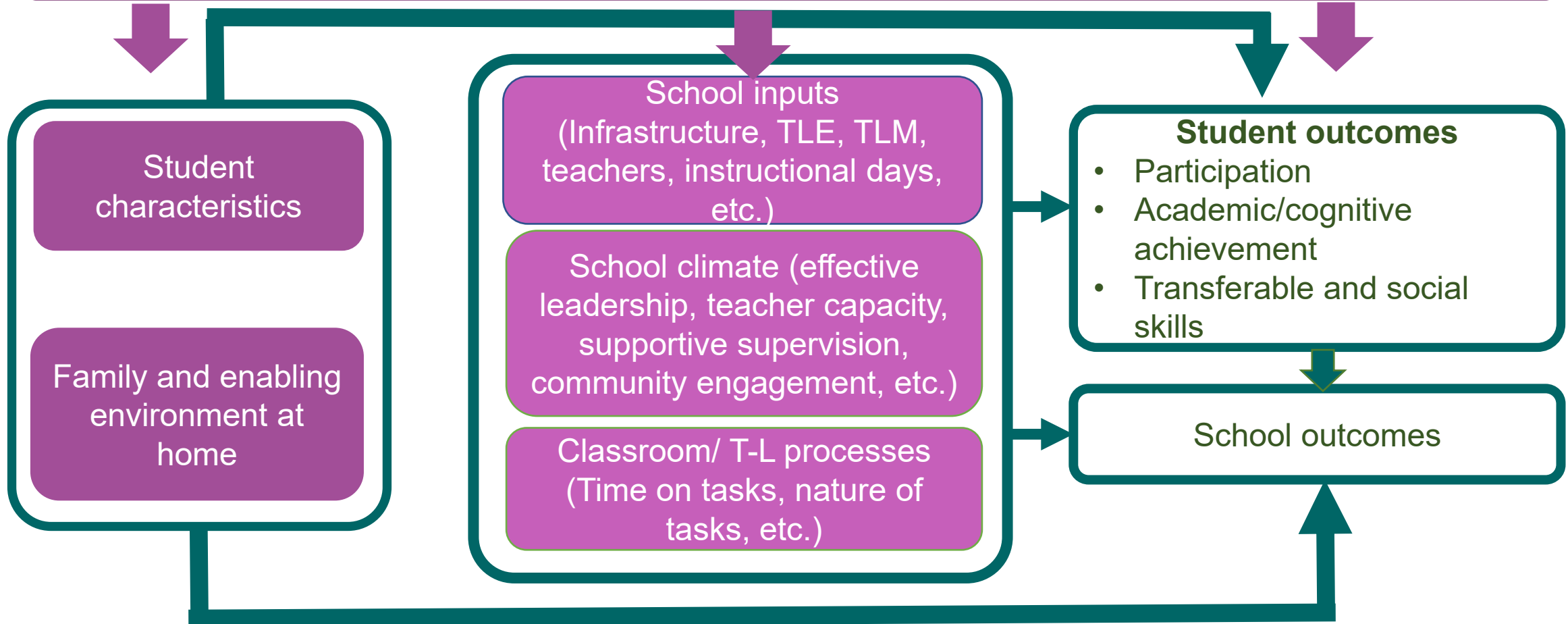
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Analytical framework

Contextual factors (system level factors, school location, etc.)



Enablers - factors **positively** associated with learning



Head Teacher

- Supportive supervision
- Constructive feedback provided to teachers



Home

- Parents' education and job stability
- Parents' engagement in learning support
- Facilities and resources at home (for example, story books)
- Duration of study at home
- Reading texts other than textbooks
- Access to remote learning opportunities
- Homework done by students themselves

Assistant Teacher



- Teachers' friendliness
- The use of variety of resources in lessons
- Conducting group work
- Allowing students to ask questions in class
- Understanding the purpose of assessment
- Teachers' motivation and job satisfaction

School



- Physical facilities (library, playground, WASH, etc.)
- Availability of and access to TLM
- Students feeling safe at schools
- Teachers' and students' positive perception about school environment

Inhibitors – factors **negatively** associated with learning



**GRADE
REPETITION**



**STUDENTS
TAKING
PRIVATE
TUITION**



**A TEACHER
DOING WORK
OTHER THAN
TEACHING**



**TEACHER
VACANCIES
AT SCHOOLS**



**DISTANCE
FROM A
STUDENT'S
HOME TO THE
SCHOOL**

More information...

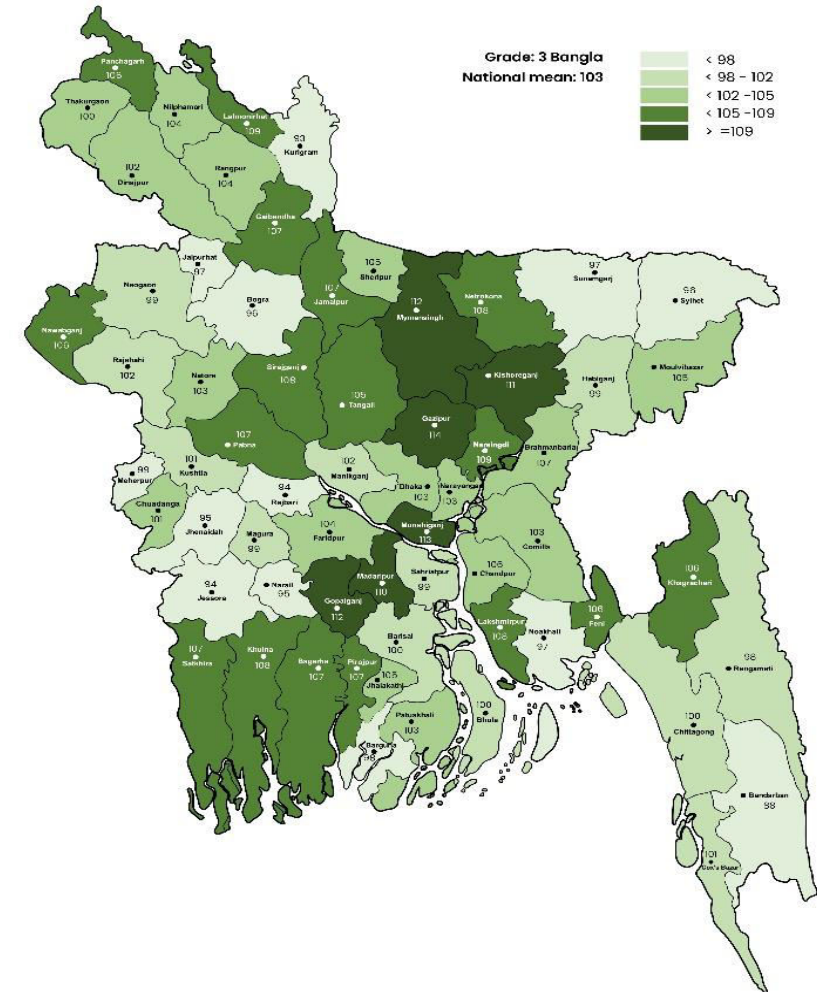
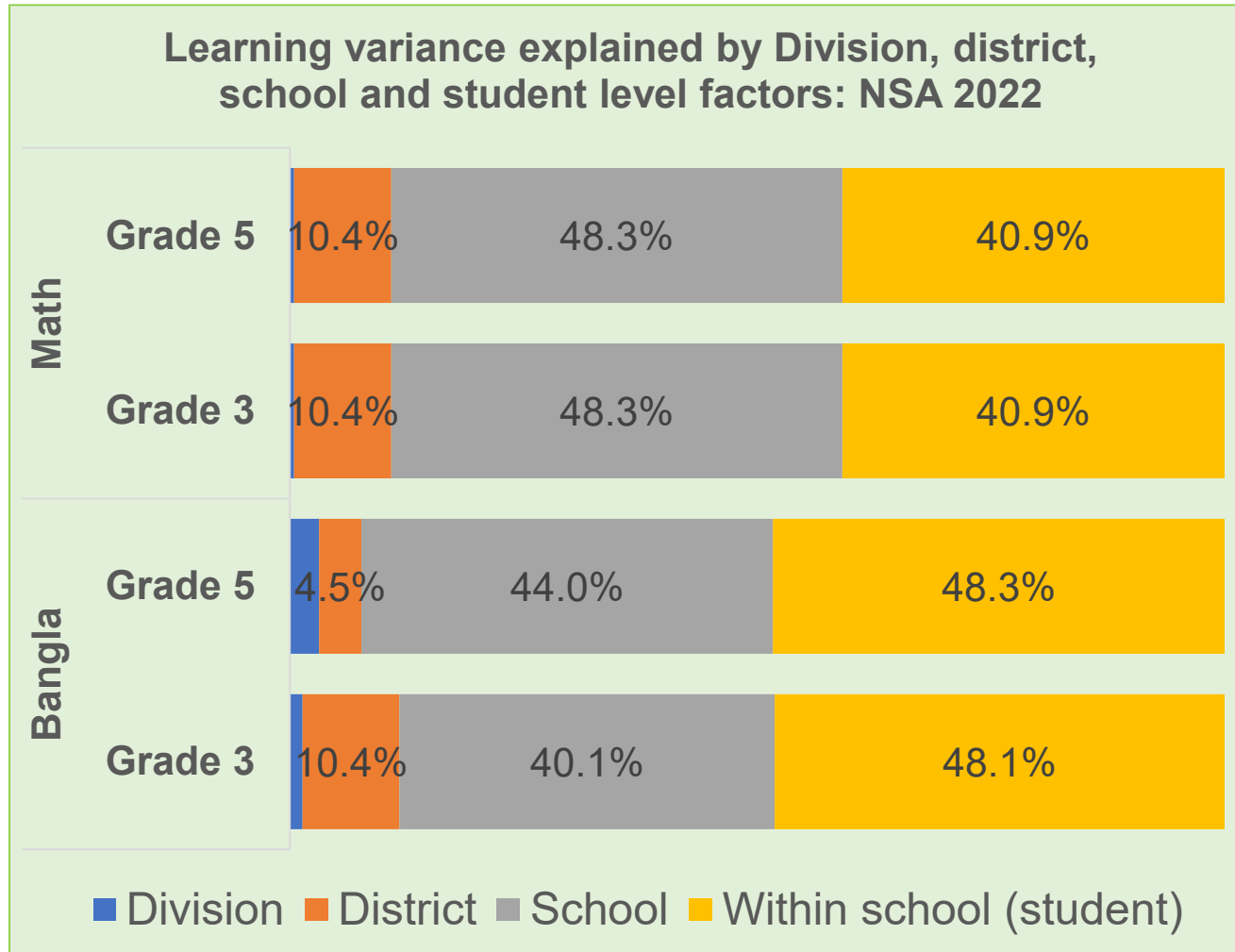


Factsheet



Full report

Learning variance by division, district, and schools



Key recommendations

- **Targeted interventions** for low-performing regions and school types
- Emphasise on **numeracy skills**
- Prioritise **supportive academic supervision**
- Focus on **remediation, not repetition**
- Fill in **teacher vacancies**
- Communication and social mobilisation for **greater parental engagement** at school and home
- Ensure proper **facilities and resources** at school (story books, playground, and WASH facilities)



Way forward

- **Deep dive for further study**

- No learning loss despite COVID-19 disruptions
- No growth in some school types despite 2 years of schooling

- **Assessment design**

- Matrix design to be explored to enable larger content coverage

- **Linking NSA with international assessments**

- Explore the possibility to link NSA with other similar assessments such as TIMSS or MPL to compare student performance with international standards



Questions and queries

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Thank you