

# 'Pankho ki Paathshala' Giving Wings to Learn

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**TEACHER LEADERSHIP  
FOR CLIMATE RESILIENCE**

How to Transform Learning through School  
and System Pathways for the Future of the Planet







# The Context of Bihar

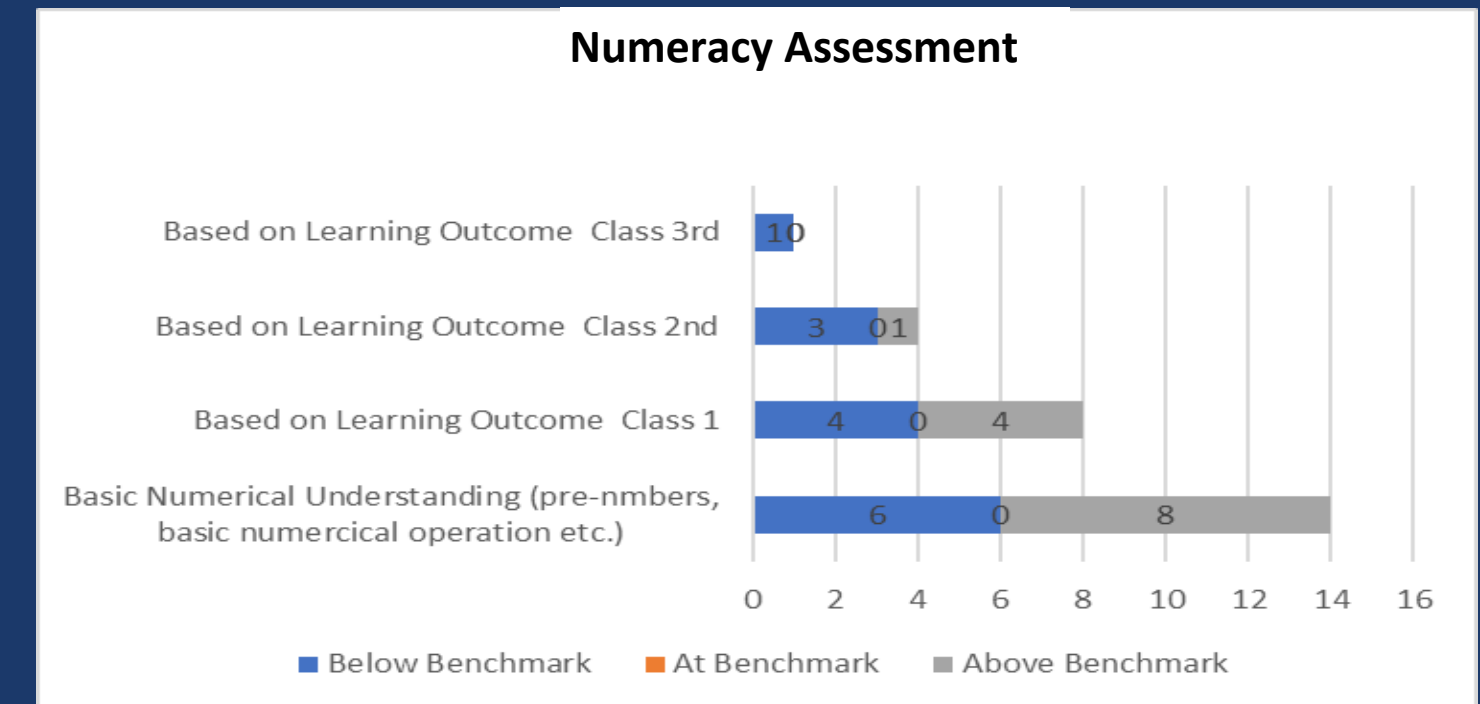
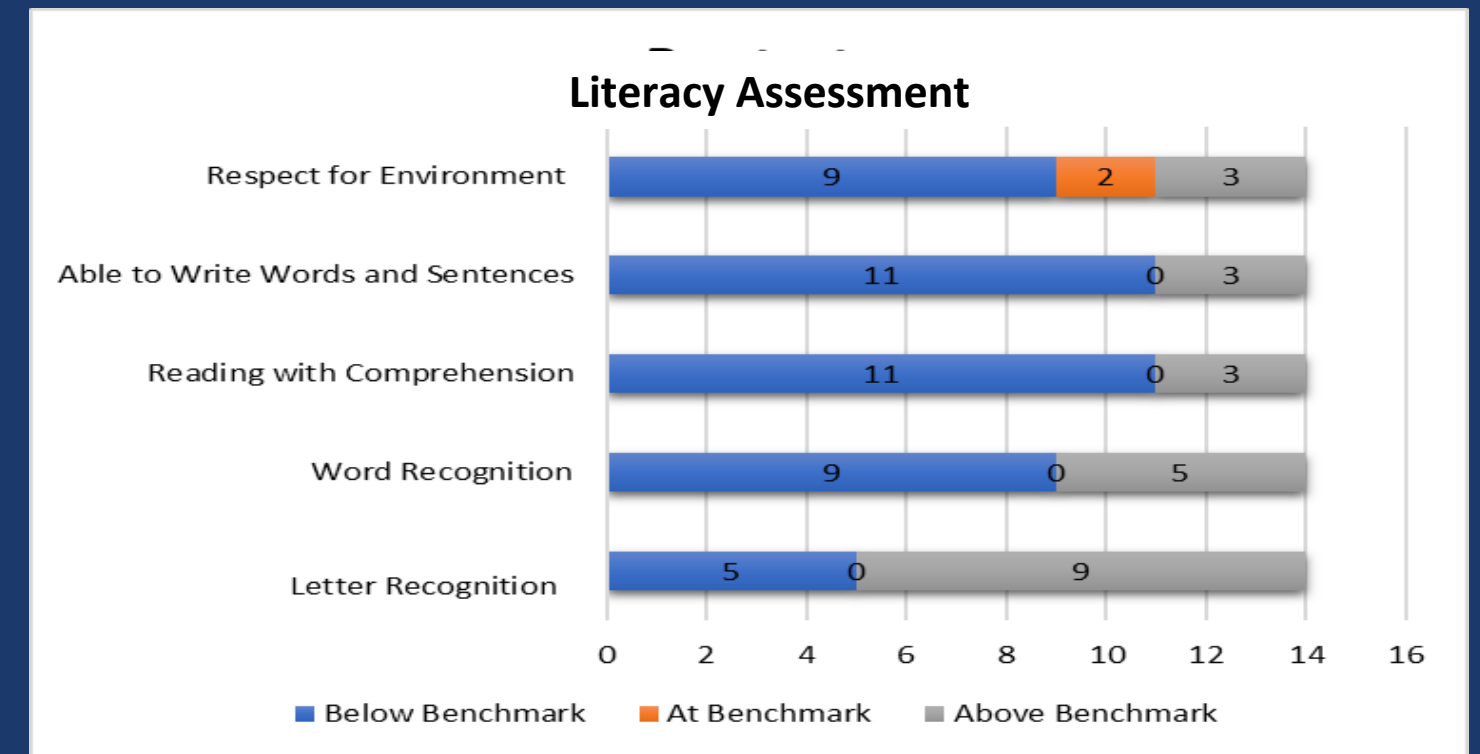
- Bihar located in eastern India is the 3<sup>rd</sup> most populous state in the country (130 million).
- There are over 75,000 schools with 20 millions students from diverse socio-cultural and economic background.
- ASER 2023 report shows 70 percent youth (14-16 years) can read a Grade II level text which means that 30 percent still cannot. Lack of activity-based learning and a dull environment has many students disinterested in learning.
- The Bihar State Action Plan on Climate Change identifies an increasing threat of floods and droughts – 49.79 million children (out of 50 million) live in flood prone zones.
- Chief Minister School Safety Program and celebrating Bagless Saturday's views school safety comprehensively – building capacity of schools and communities and making schools free of hazards.



# Challenges in holistic skills development

## What assessments told us

- Learning and numeracy levels of Class 5 students was assessed in three domains - literacy, numeracy and respect for the environment.
- The assessment results were corroborated through interviews with parents, children and community members.
- In literacy nine students (out of 14) were below the benchmark in the domain respect for environment, 11 were unable to read words and sentences.
- In numeracy 6 students had basic numerical understanding (concept of pre-numbers and basic numerical operations).

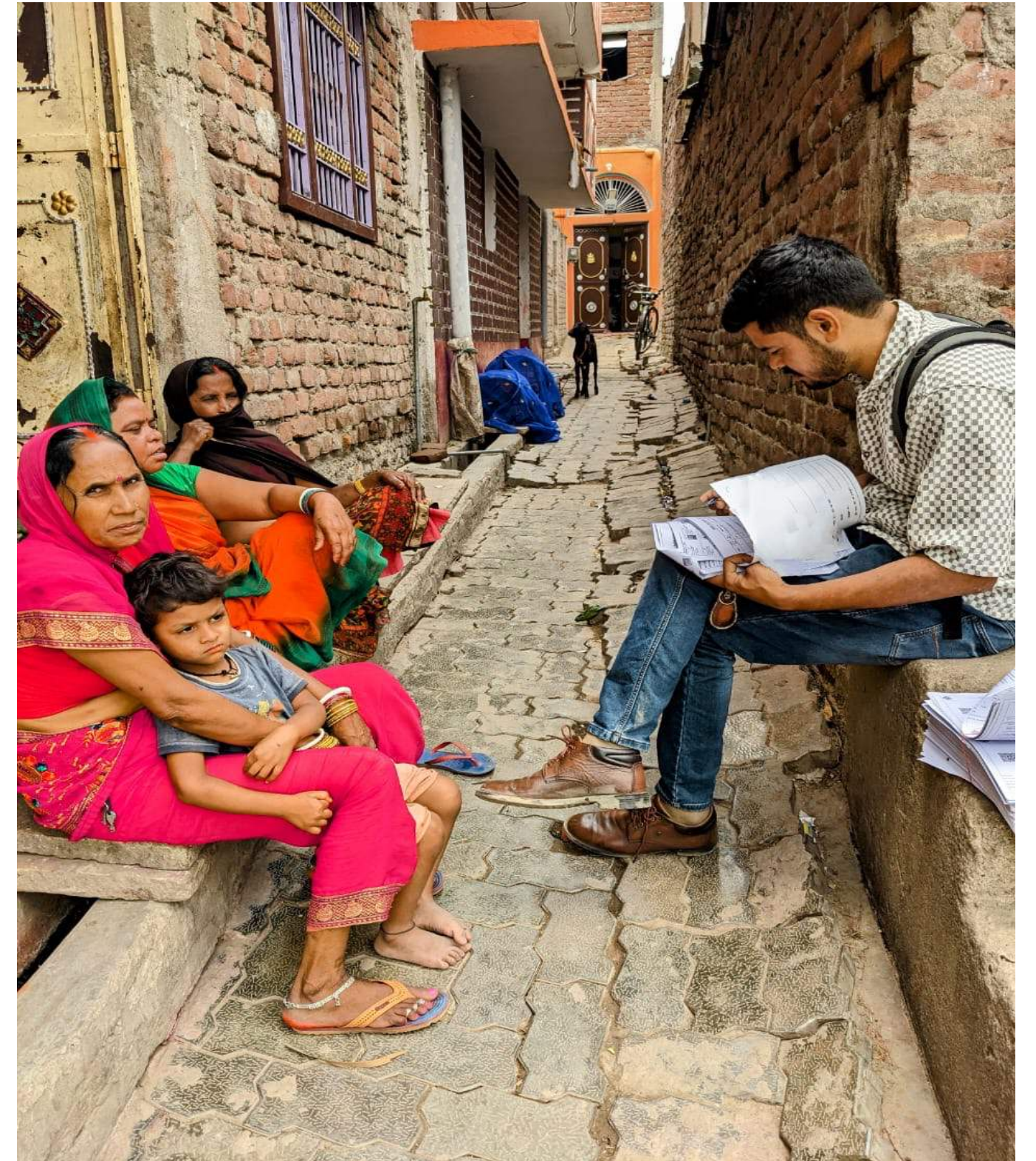




# Challenges in holistic skills development

What interviews and consultations told us

- Parents and community members – lack of interest in children to study, extreme weather conditions leading to frequent absenteeism, and lack of resources in schools for activity-based learning.
- Children - classes are not interesting and engaging.
- Schools2030 team observations: low literacy level amongst parents; importance of education is low; lack of supportive learning environment at home is reflected in the behaviour of students by not taking studies seriously and being disinterested in learning.

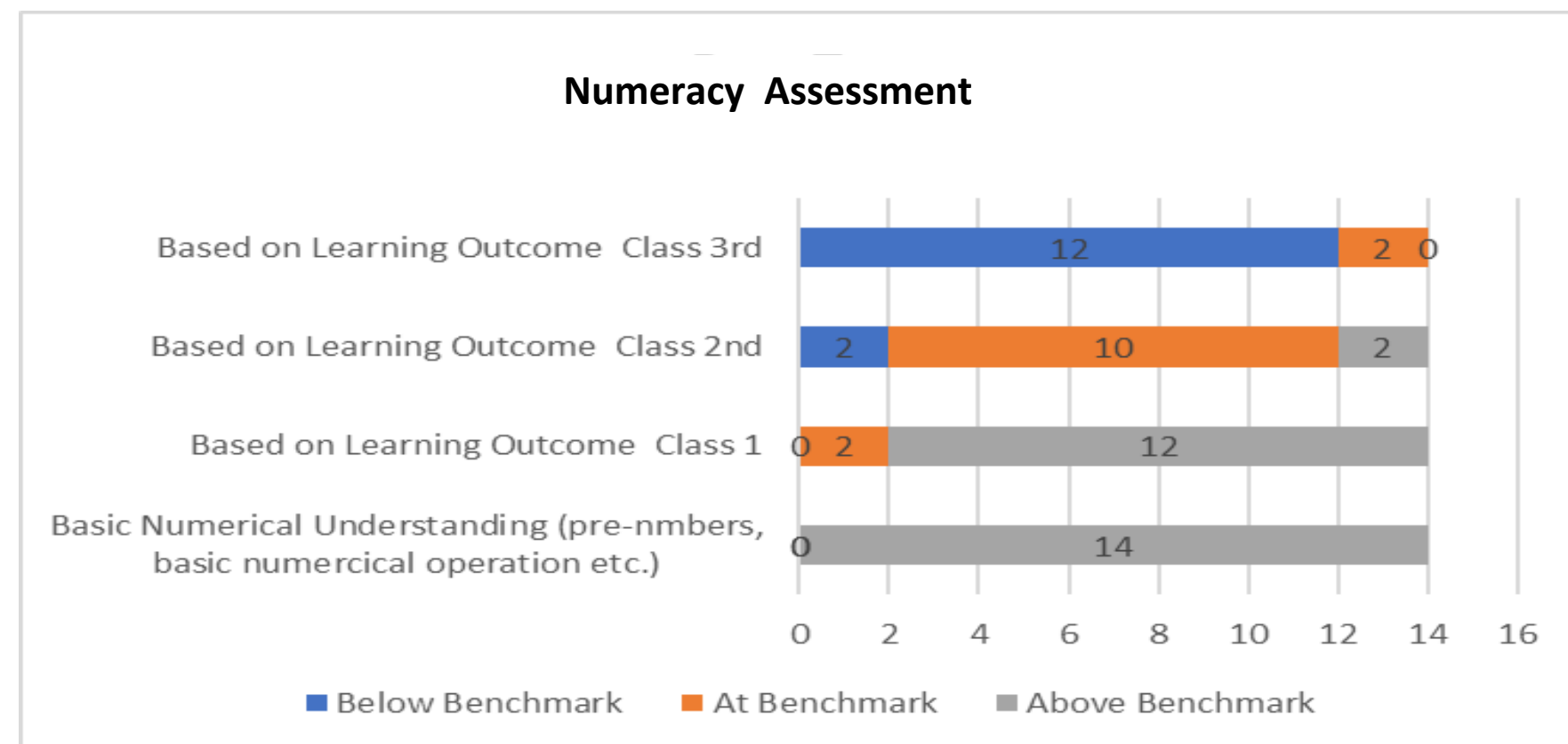
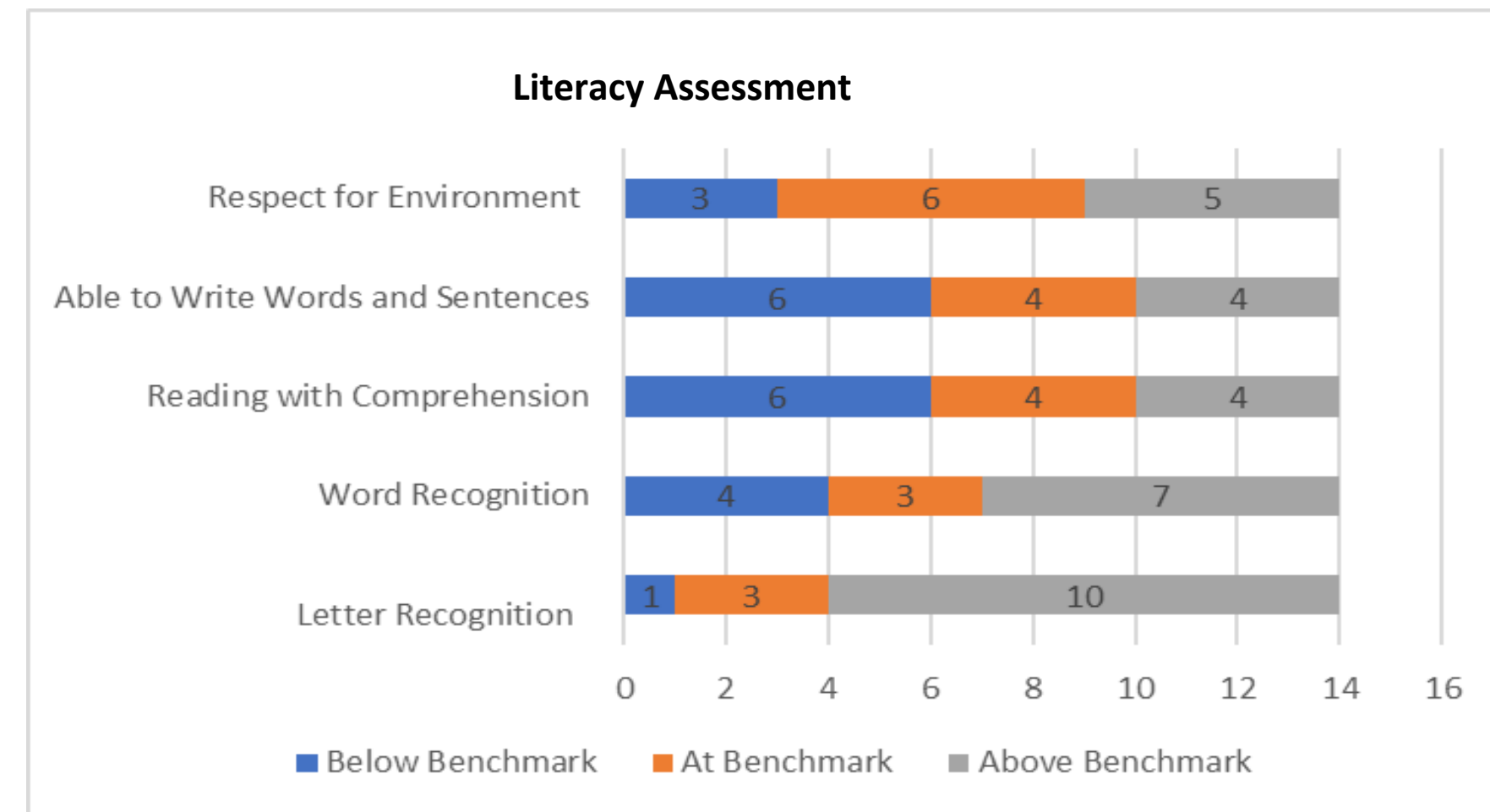






# Evidence of Impact

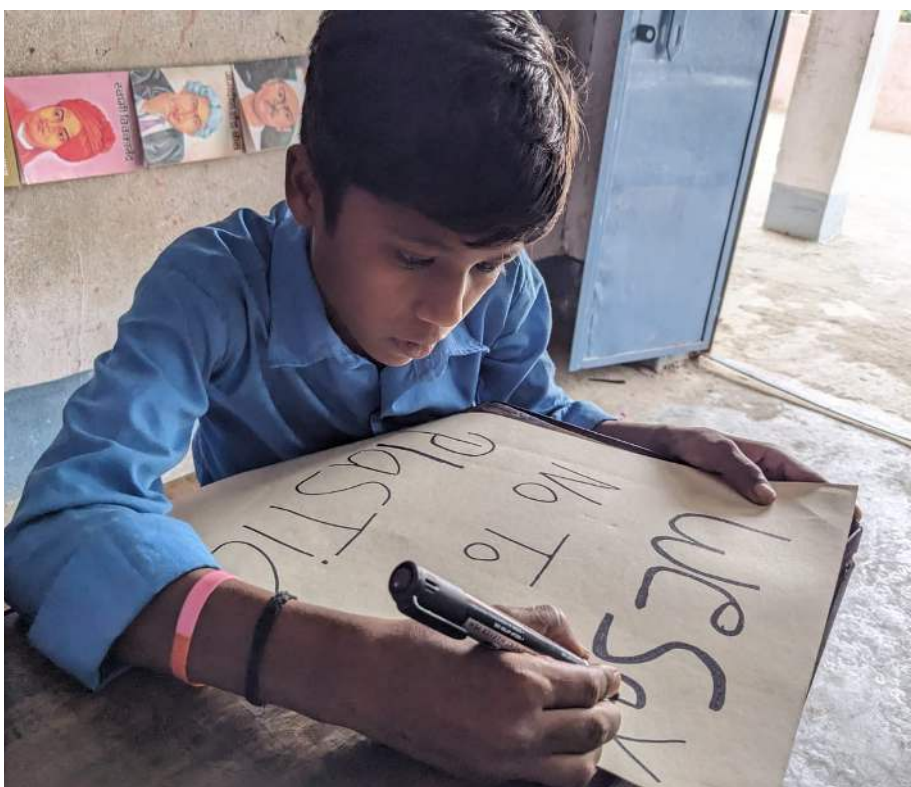
- Improved writing skills and sentence formation
- Increased ability in understanding numbers through buying and selling activity
- It has instilled confidence among the students especially among the shy ones. Now they speak up and ask questions
- Behavioural changes among students like increased interest and excitement for the classes and confident to share their emotions.
- Increased awareness about climate change and taking responsibility to work towards sensitizing the society for the same.





# Students' voices

Durga is a fifth-grade student who comes to school every day but struggles with understanding math and processes math concepts slowly. After the activity-based learning, Buying and Selling: Maths in everyday life, she had a much better understanding and confidence. She said "This activity helps me learn very easily as it is fun and I am able to grasp the subject better now!"



Anamol is a fifth-grade student. He is not interested in engaging with any class because he loves to play. However, during the story-making session he is very active and begins narrating stories using the provided pictures and words. He said: "I can't believe this is my old school where we had to learn through rote memorization in boring classes. My school now excites me to come every day."







**THANK YOU!**



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