



## National Education Assessment System (NEAS)

The monitoring of student learning achievements is one of the key components to assess and to improve the quality of education. The **National Education Assessment System (NEAS)** is a comprehensive education assessment programme set up in Ministry of Federal Education and Professional Training that conducts periodic national assessment studies across the country.

**NEAS** conducts national assessment testing (NAT) based on stratified random sampling using standardized instruments that provide evidence-based information about the achievement of students in the subjects of mathematics, science and languages. The assessment helps to institutionalize a monitoring system which permits and encourages continuous educational improvement at the elementary level in Pakistan. Besides national assessment, Pakistan is also participating first time in one of the international assessment study namely Trends in International Mathematics and Science Study (TIMSS) in 2019.

### FAST FACTS

#### National Assessment Findings 2016-17

- **Use of black/whiteboard improves student's learning achievement**  
Students perform better when teachers use the black/whiteboard during class lessons
- **Reward for good work motivates students**  
Students perform better when they are rewarded in school for good work
- **Homework checking and feedback improve student's learning**  
Student's scores are better when homework is properly checked and feedback given on homework
- **Distance from school impact the student's learning achievement**  
Students with less travel distance to school outperformed from their counterparts
- **Location of schools impact the student's learning**  
Students from urban schools performed better than rural schools students
- **Students' writing skills need improvement**  
Students achieved the lowest score in writing in the language test
- **Mastering problem-solving skill is central to student performance in mathematics**  
In mathematics, problem - solving was the lowest achieved cognitive domain
- **Co-curricular activities improve the student's learning achievement**  
Students participating in co-curricular activities performed better



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Ministry of Federal Education & Professional Training

☎ +92 (51) 9265571, +92 (51) 4445950, 📠 +92 (51) 9265570

Email: [info@neas.gov.pk](mailto:info@neas.gov.pk), [www.neas.gov.pk](http://www.neas.gov.pk)