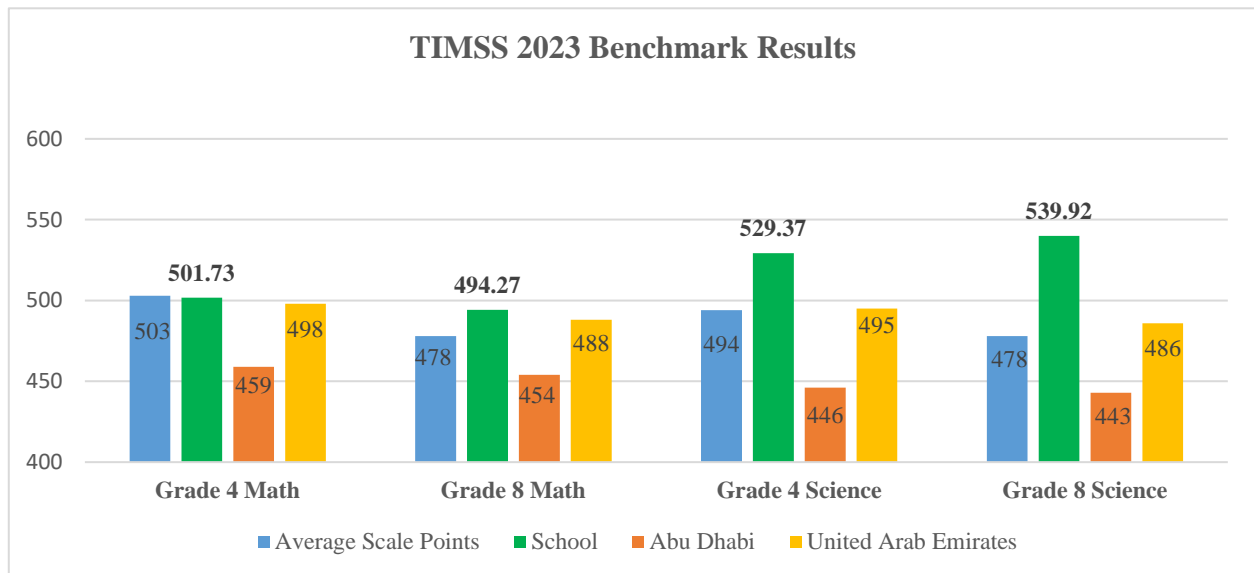




Trends in International Mathematics and Science Study (TIMSS) Analysis and Interpretation of TIMSS 2023



Overview:

TIMSS is an international assessment that measures the Mathematical and Science skills of students in Grades 4 and 8. Conducted every four years, it provides valuable data on how different countries perform in these subjects. TIMSS helps identify effective teaching practices, guides education policy, and supports improvements in Mathematics and Science education worldwide.

Analysis and Interpretation:

The data compares the performance of The Philippine School Abu Dhabi with that of the emirate of Abu Dhabi and the United Arab Emirates (UAE) as a whole in various subjects (Math and Science) for Grade 4 and Grade 8 students in the TIMSS assessments.

The school shows strong performance across all subjects, particularly excelling in **Science**, where it exceeds both the Abu Dhabi and UAE averages in Grade 4 (529.37 vs. UAE 495) and Grade 8 (539.92 vs. UAE 486). In Grade 4 **Mathematics**, the school (501.73) outperforms both Abu Dhabi (459) and the UAE (498), though there is slight room for improvement to surpass the international average. Similarly, in Grade 8 Math, the school (494.27) exceeds both the UAE average (488) and Abu Dhabi, demonstrating strong performance. Looking forward for TIMSS 2027, TPS aims to enhance overall students' performance, targeting scale scores of 550 in both Grade 4 and Grade 8 Mathematics and Science, aligning with the "High" benchmark on the TIMSS scale.