



Highlights of the TIMSS 2023 Release

Matthias von Davier

J. Donald Monan, S.J., Professor in Education,
Lynch School of Education and Human Development
Executive Director, TIMSS and PIRLS International Study Center,
Boston College

Dubai, December 4th, 2024



TIMSS & PIRLS
BOSTON COLLEGE

“You’ve Got to Evolve with the Science. Science is a Self-Correcting Process”

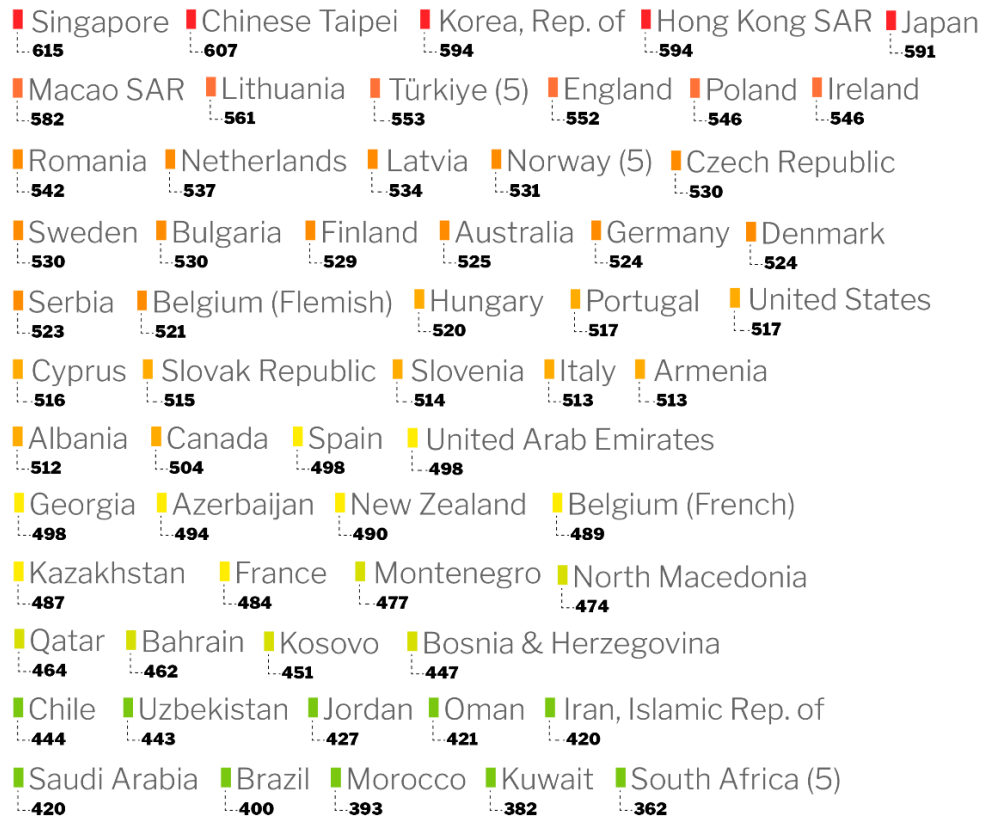
Dr. Anthony Fauci,
Chief Medical Advisor to U.S. President Joe Biden
Director of the National Institute of Allergy and Infectious Diseases

Mathematics and Science Achievement

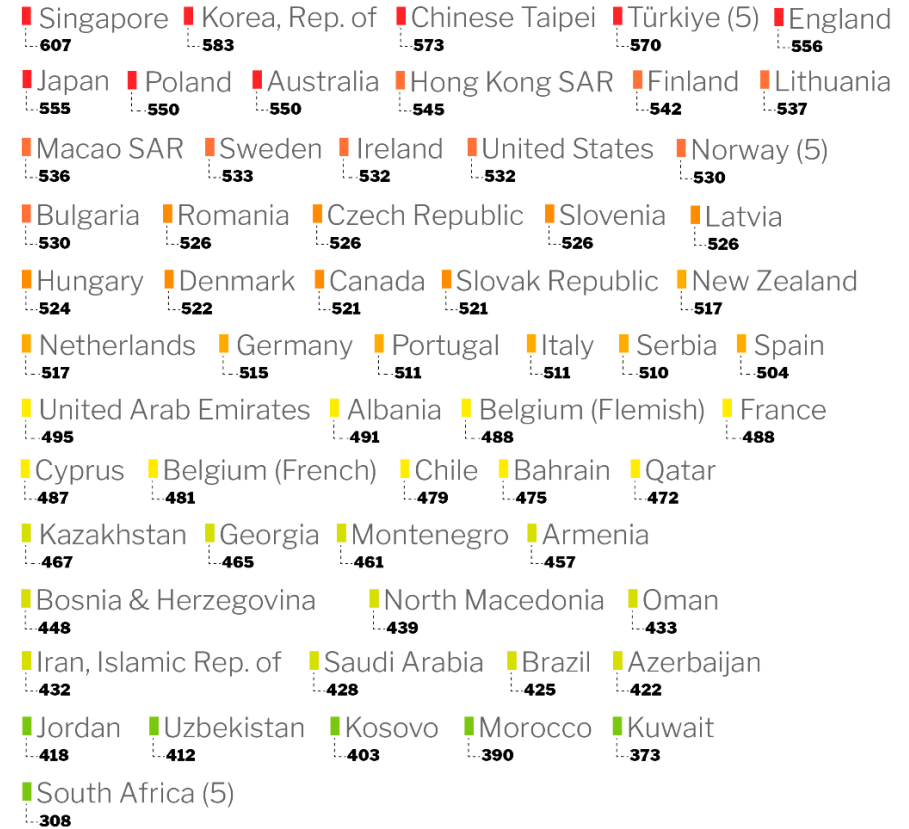
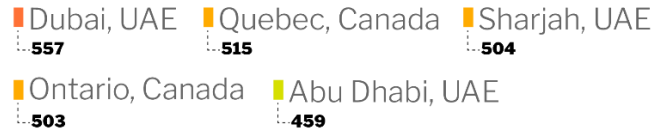
GRADE

4

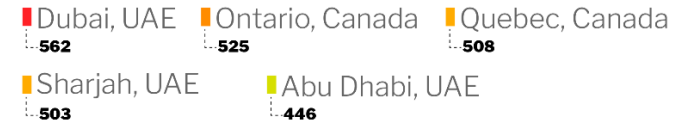
Average Mathematics and Science Achievement—Grade 4



Benchmarking Participants

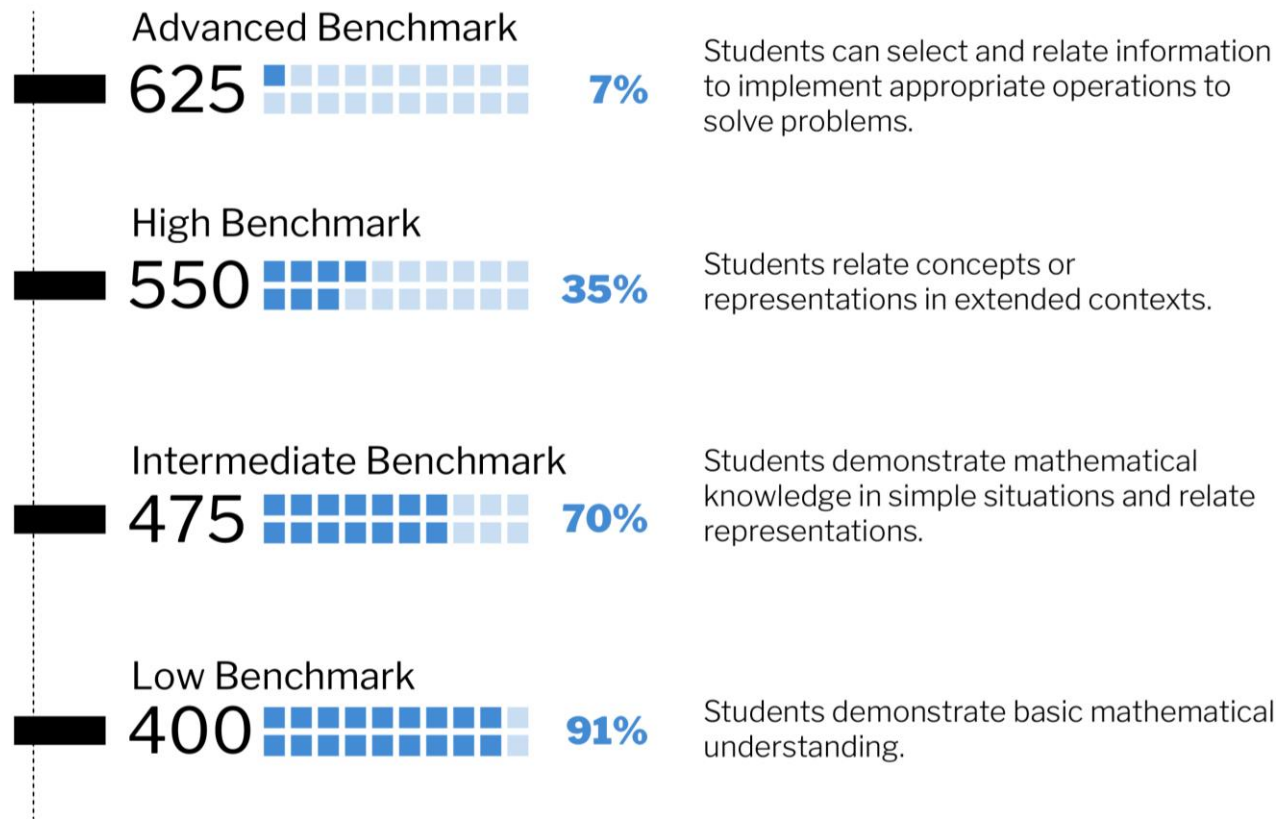


Benchmarking Participants



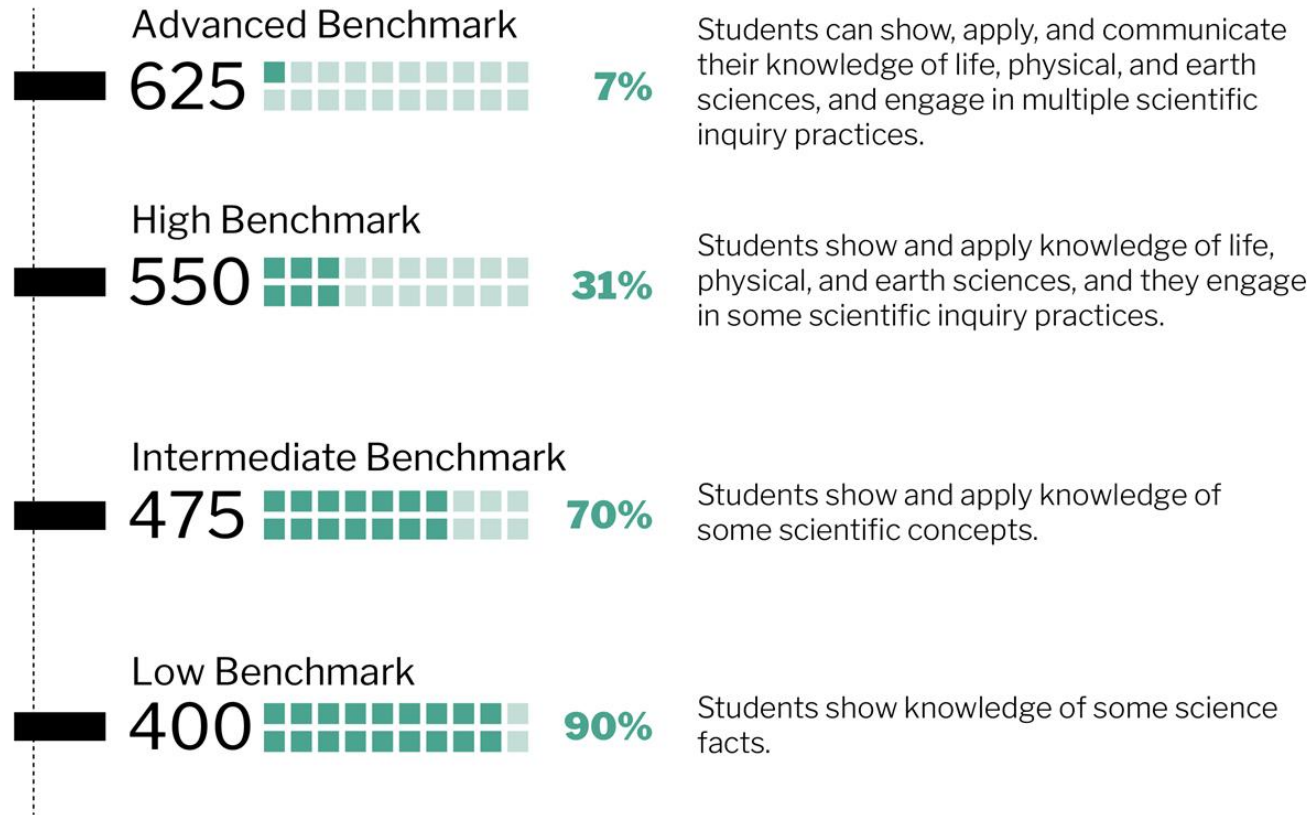
Achievement at TIMSS International Benchmarks— Mathematics—Grade 4

Percentage of Students Reaching Benchmarks (median across countries)



Achievement at TIMSS International Benchmarks— Science—Grade 4

Percentage of Students Reaching Benchmarks (median across countries)

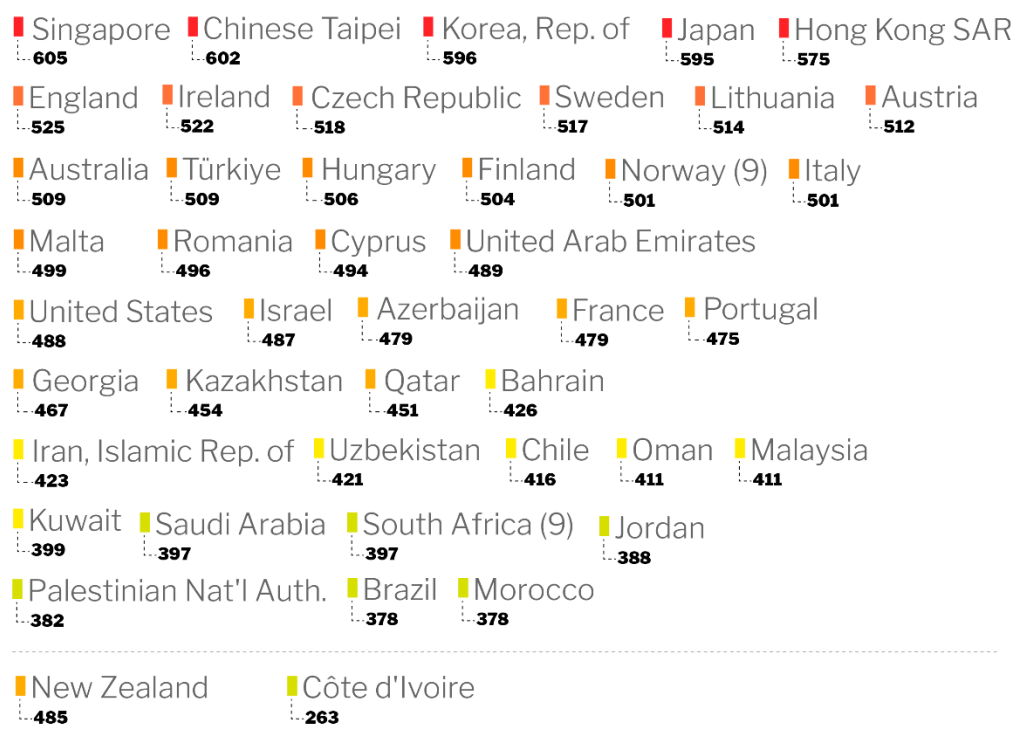


Mathematics and Science Achievement

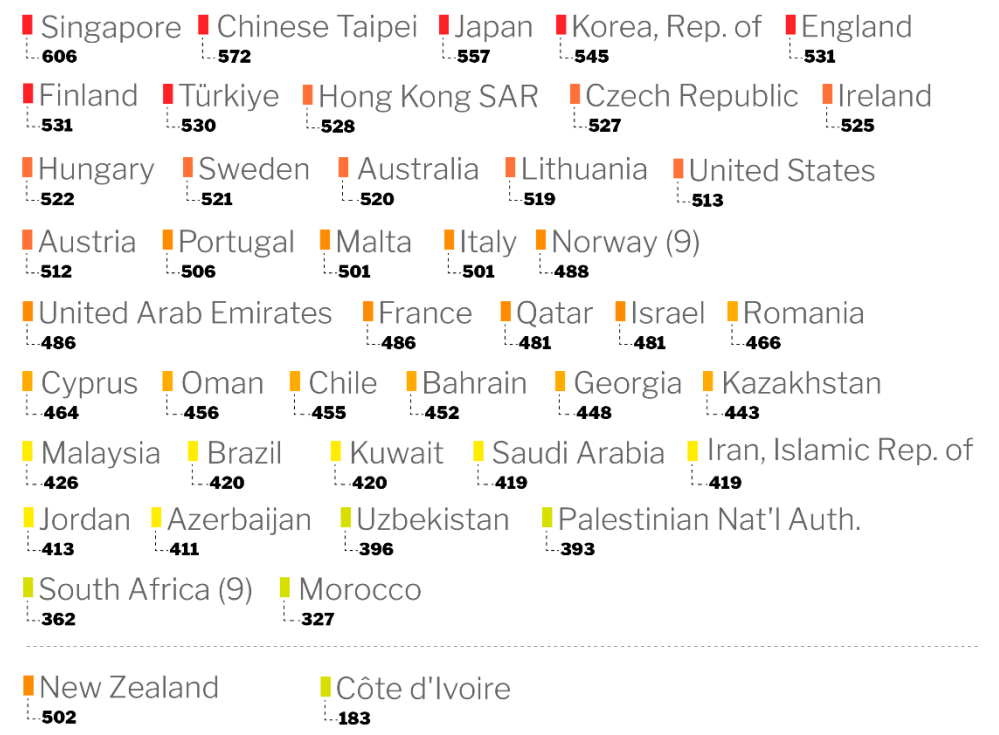
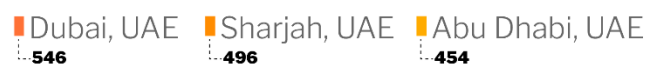
GRADE

8

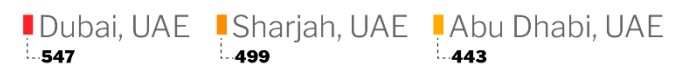
Average Mathematics and Science Achievement—Grade 8



Benchmarking Participants

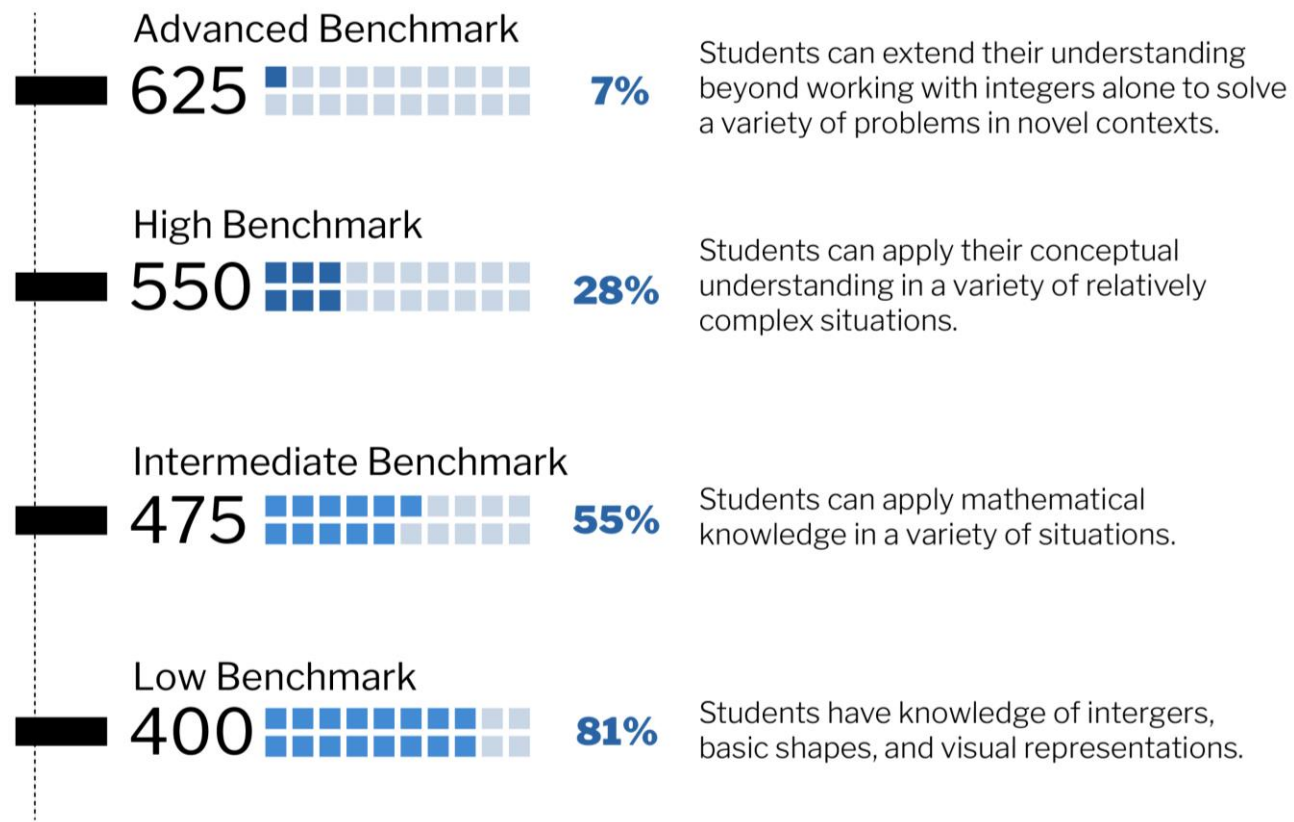


Benchmark Participants



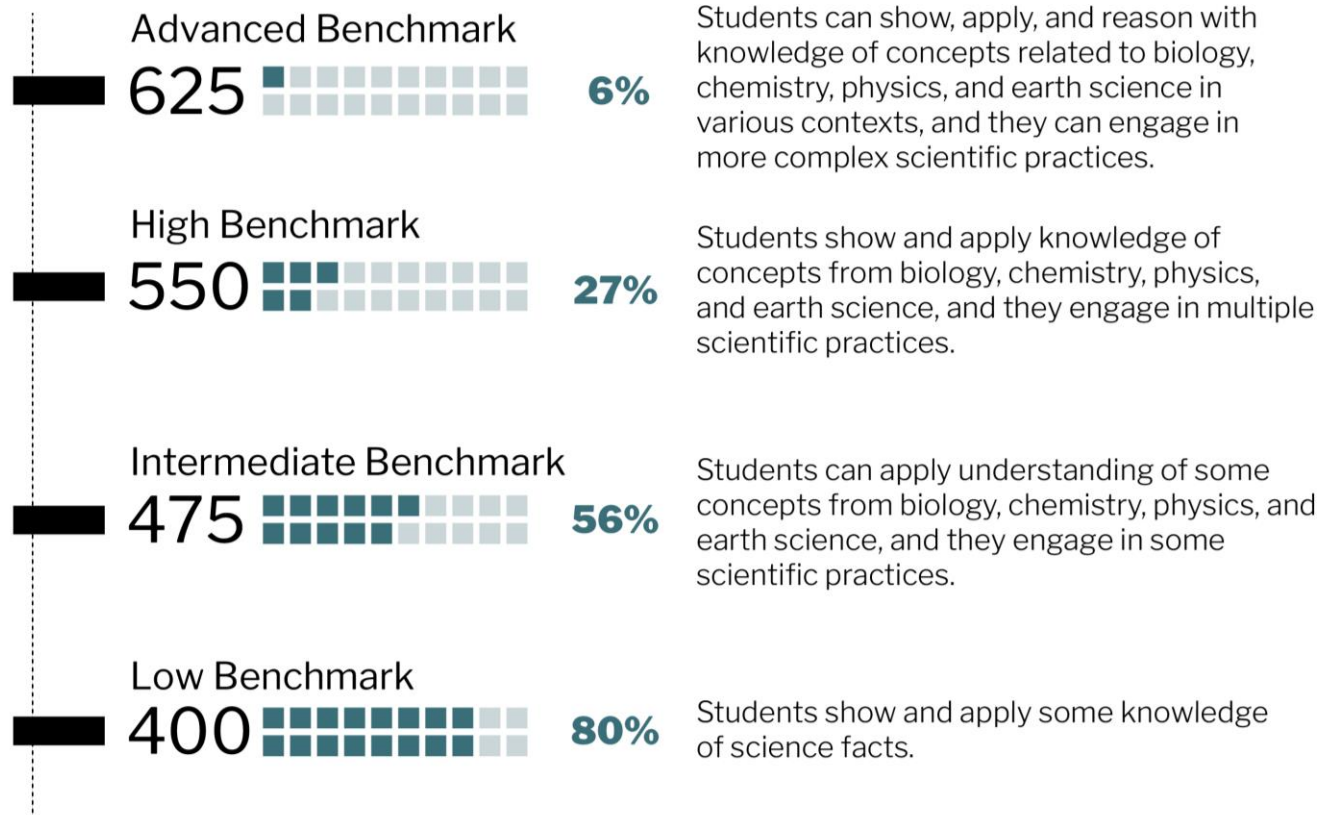
Achievement at TIMSS International Benchmarks— Mathematics—Grade 8

Percentage of Students Reaching Benchmarks (median across countries)



Achievement at TIMSS International Benchmarks— Science—Grade 8

Percentage of Students Reaching Benchmarks (median across countries)









Trends

in Mathematics and Science Achievement



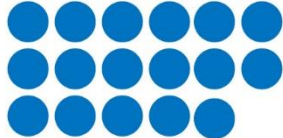


Trends in Mathematics and Science Achievement—Grade 4

Increases	Decreases	No Change
14 	13 	22 
Increases	Decreases	No Change
15 	13 	21 



Trends in Mathematics and Science Achievement—Grade 8

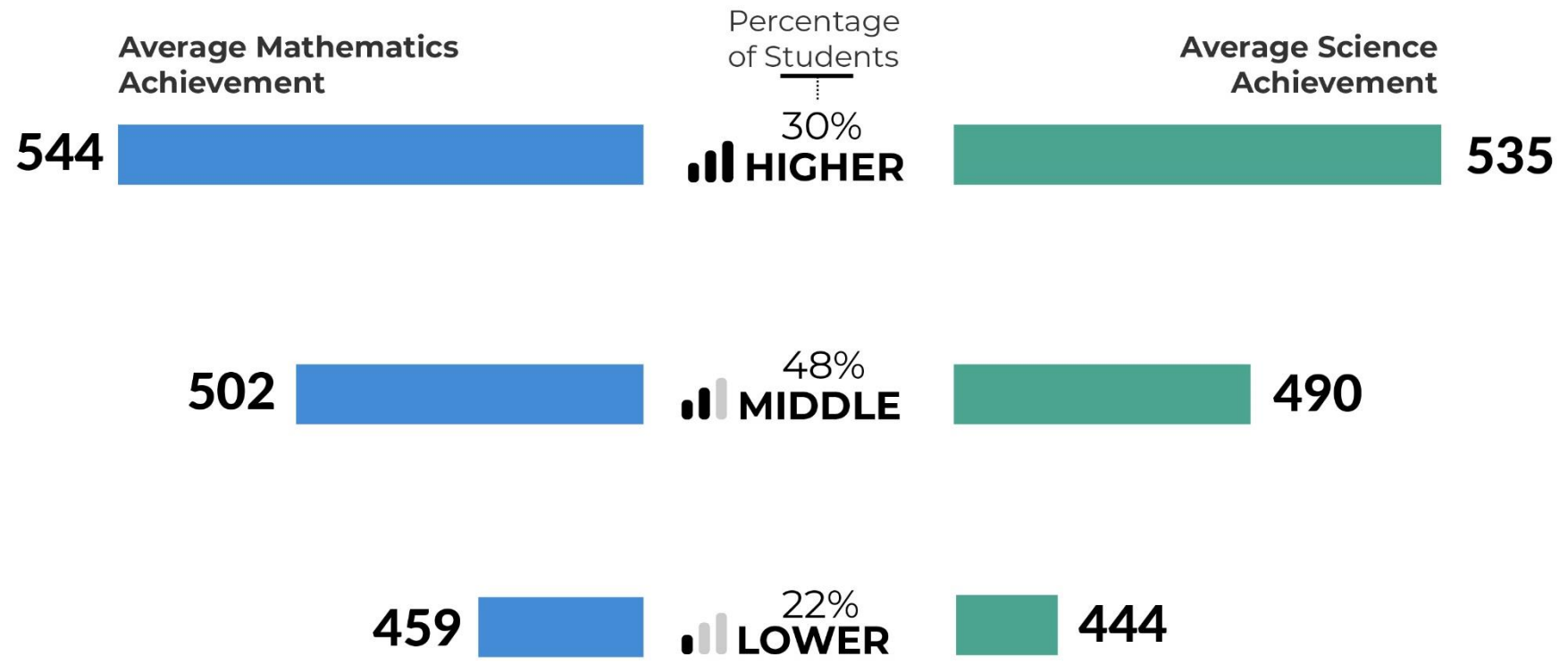
Increases	Decreases	No Change
3 	14 	17 

Increases	Decreases	No Change
3 	15 	16 

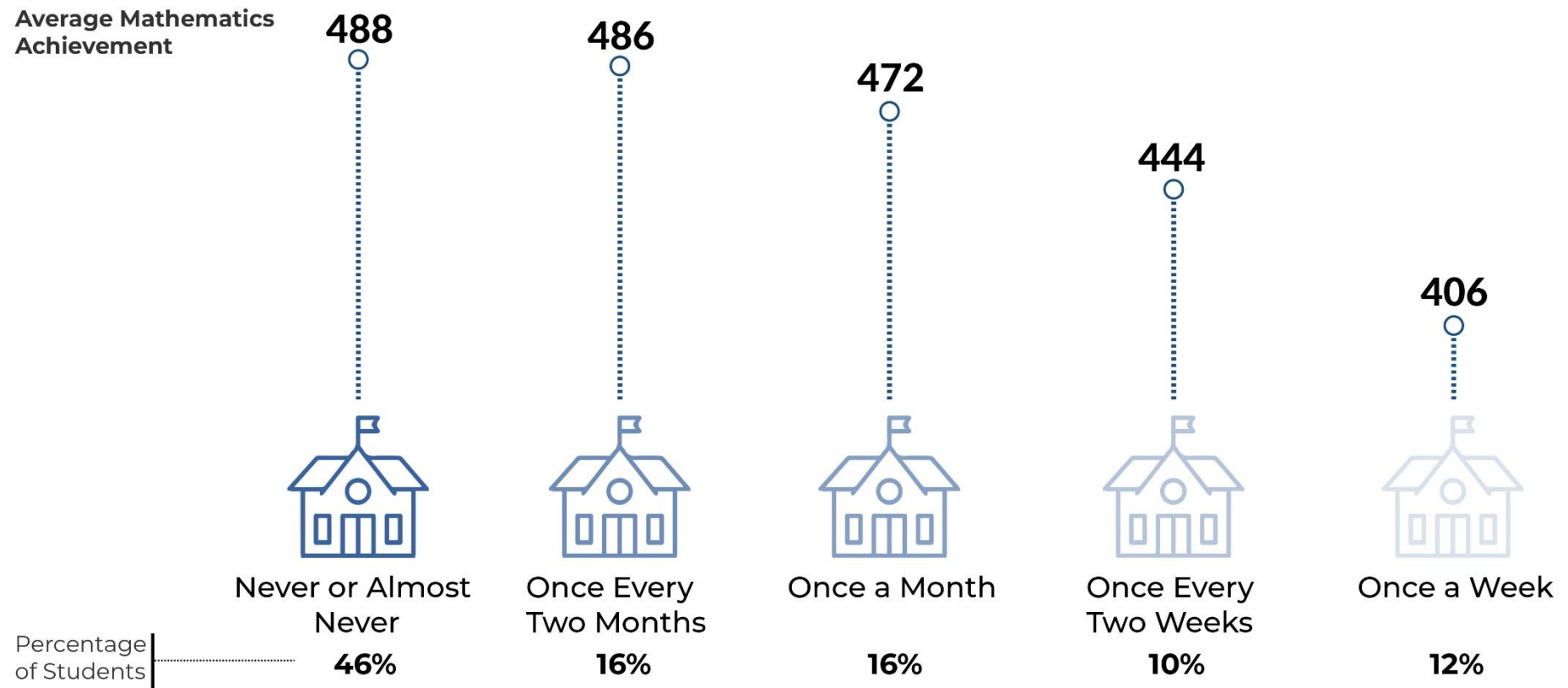
Highlights from the TIMSS 2023 Contextual Data



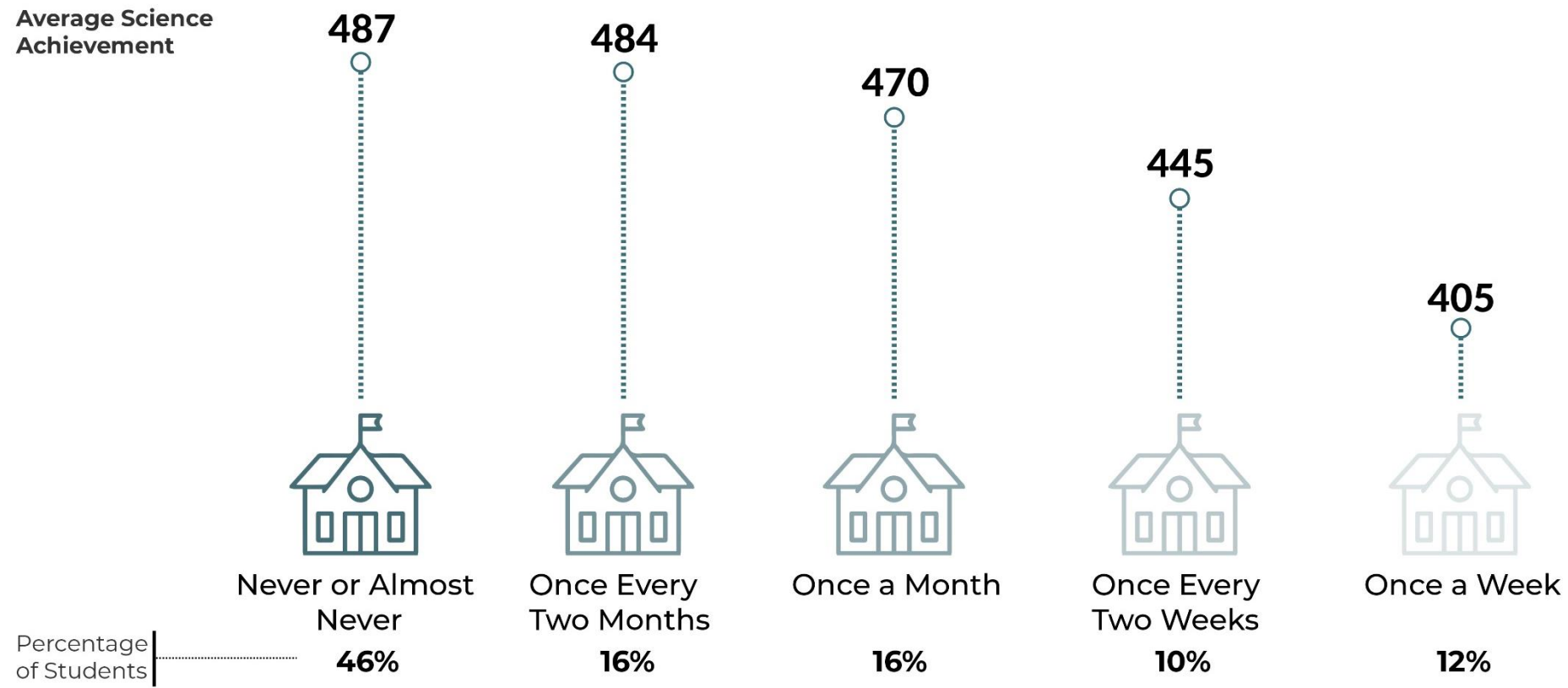
Home Socioeconomic Status–Parent’s Reports–Grade 4



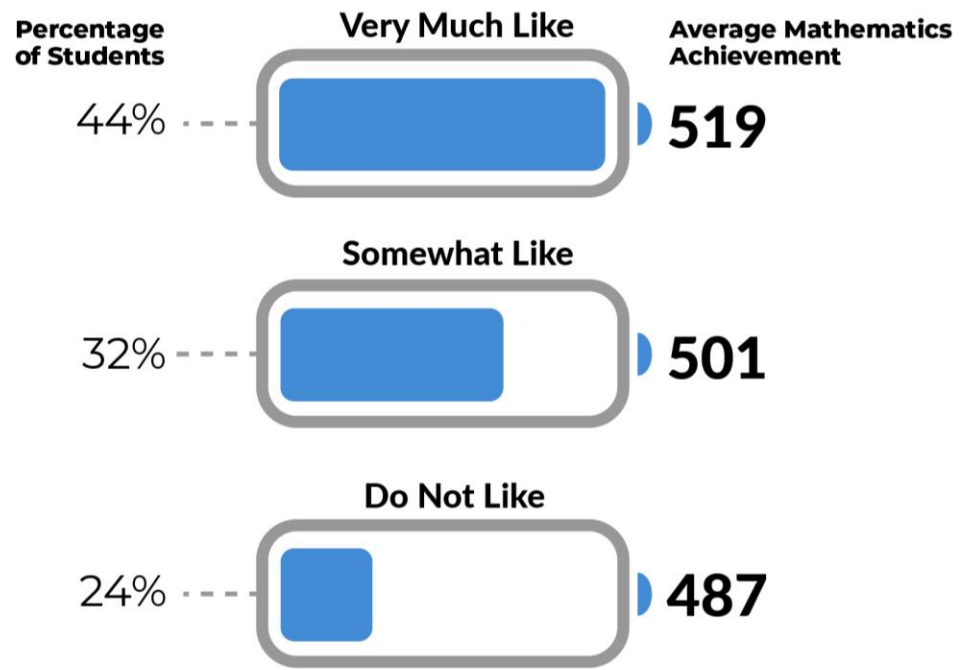
Frequency of Student Absences—Mathematics—Grade 8



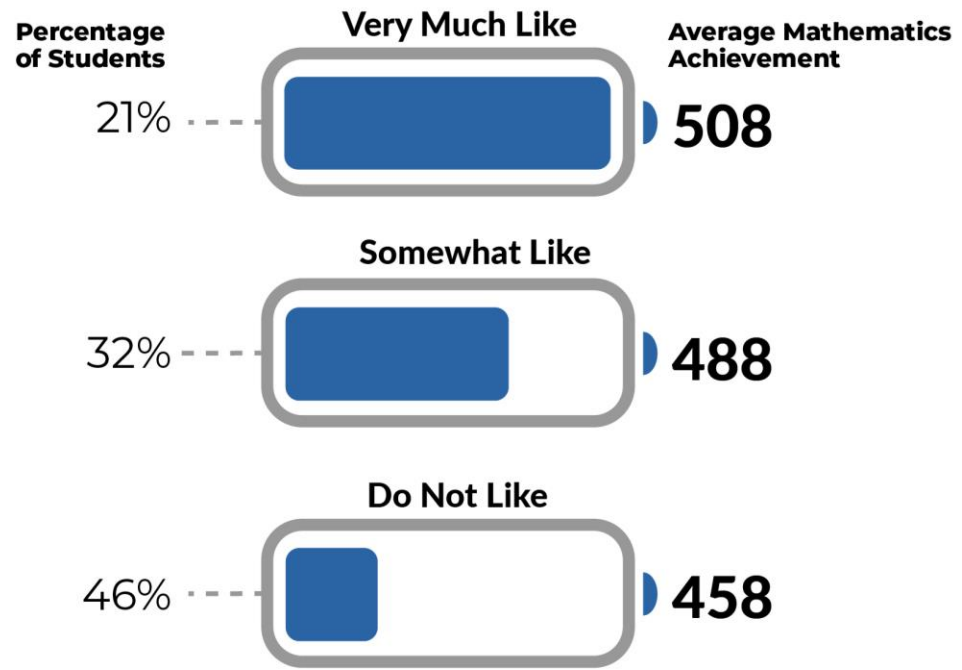
Frequency of Student Absences—Science—Grade 8



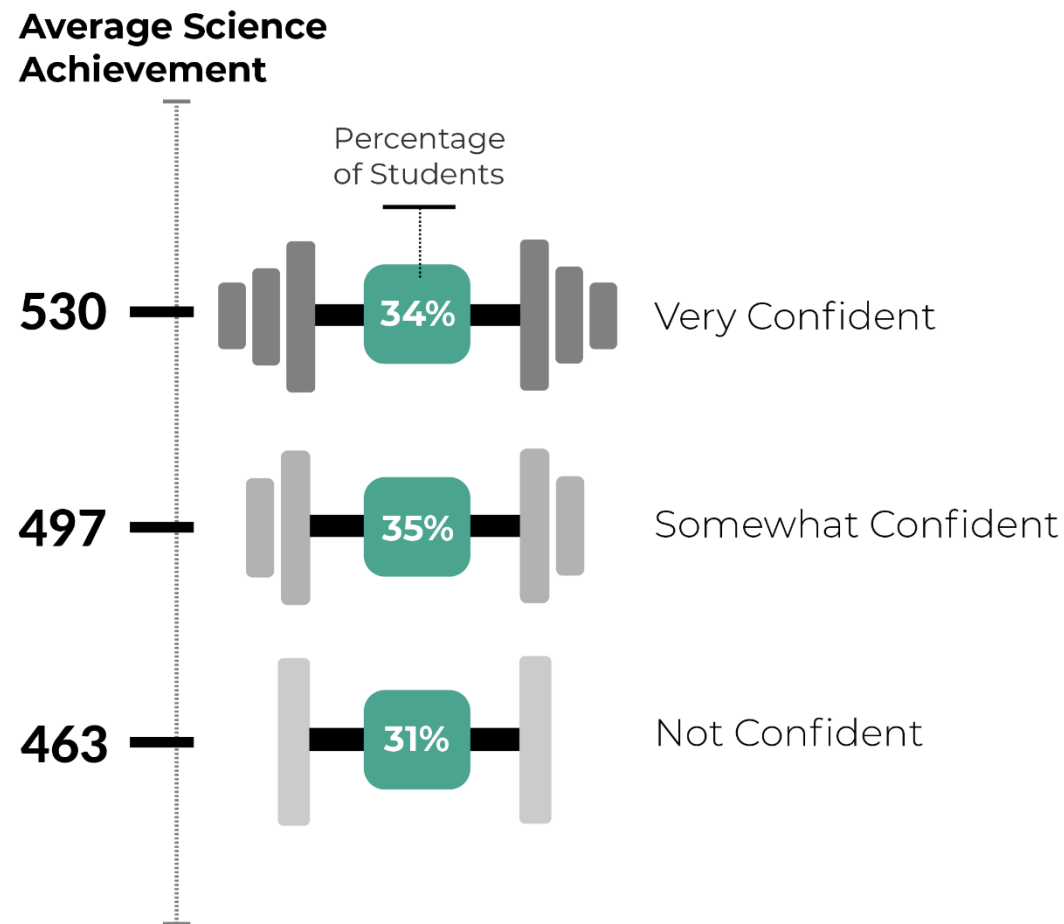
Students Like Learning Mathematics—Grade 4



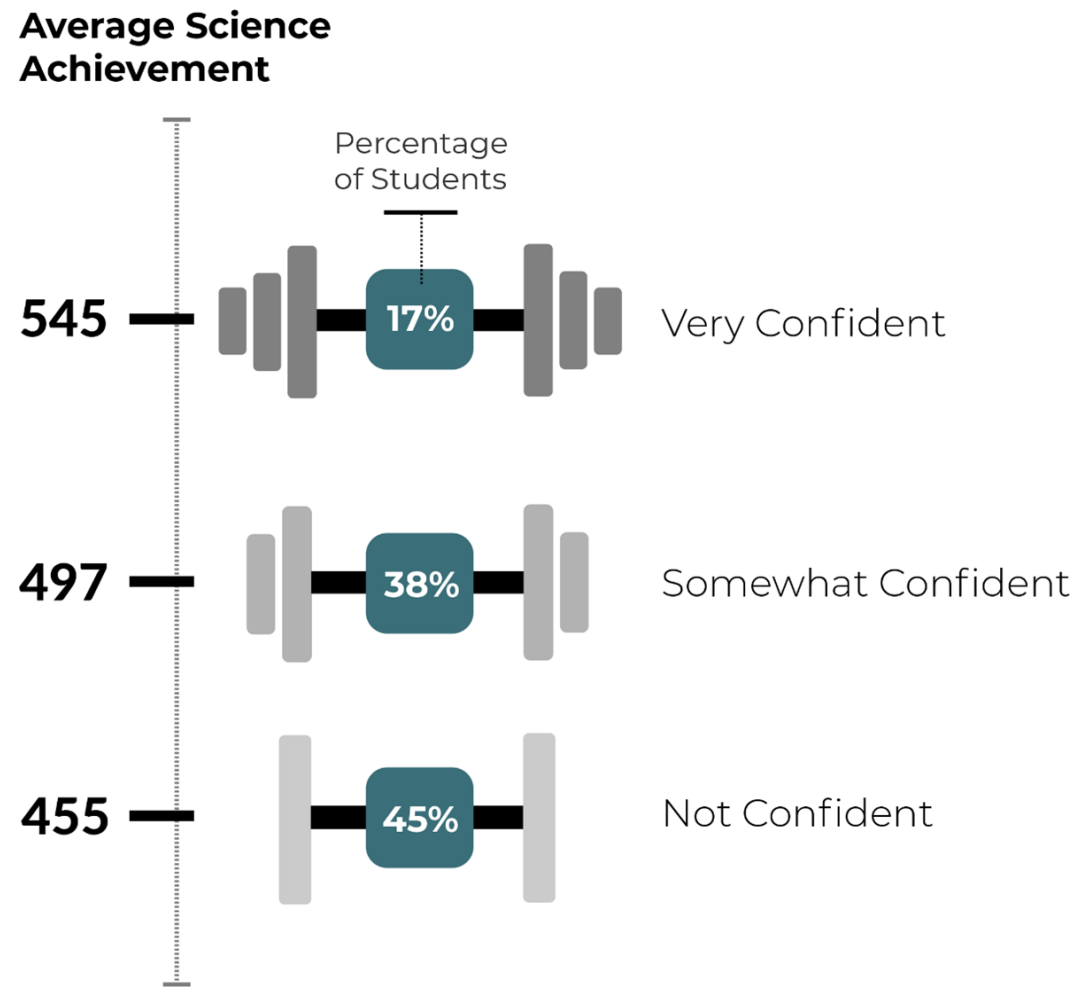
Students Like Learning Mathematics—Grade 8



Students Confident in Science—Grade 4



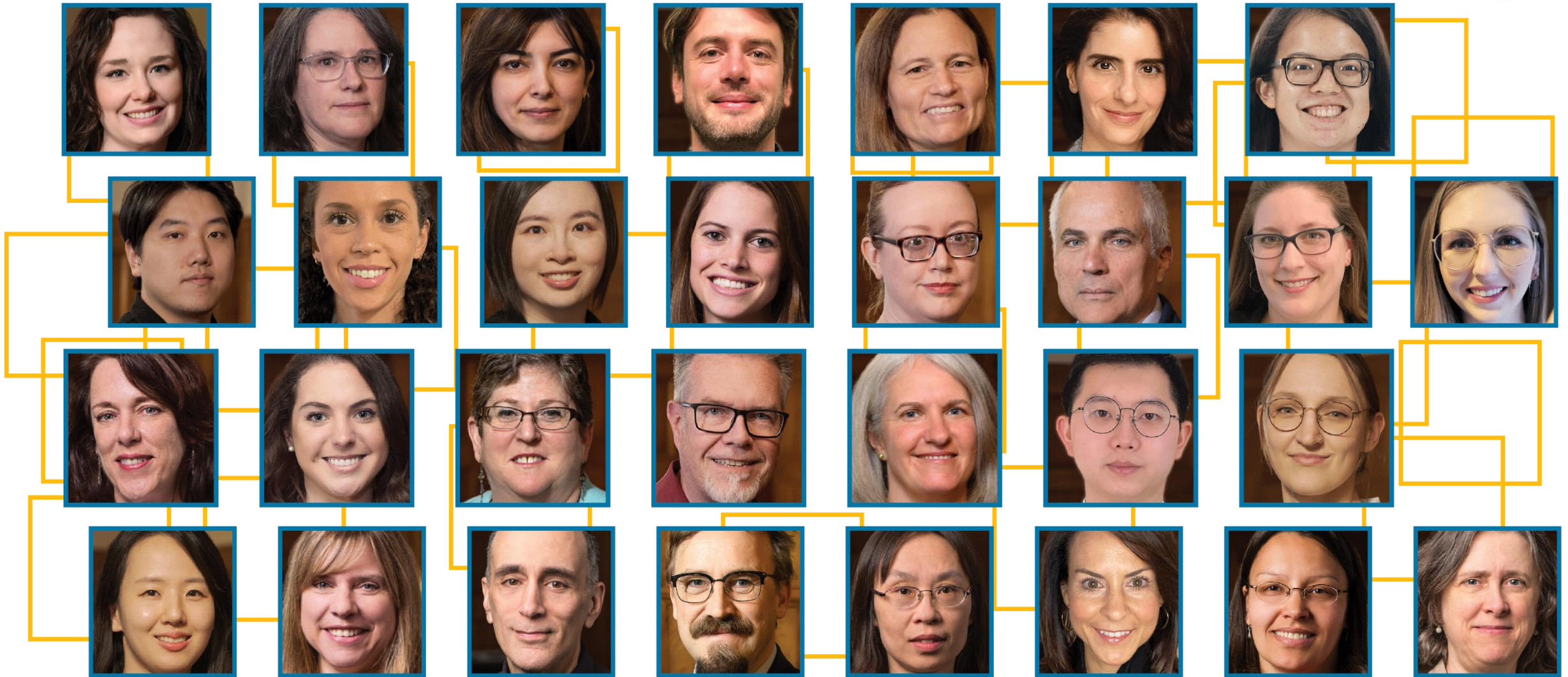
Students Confident in Science—Grade 8



About the TIMSS 2023 Report Website

- Reporting is fully web-based
- Allows users to interact, sort, and select data
- Provides downloads in customary formats
- Focus on achievement distributions and context
- Invites users to further explorations of results

TIMSS & PIRLS International Study Center Staff



Highlights of the TIMSS 2023 Results



<http://timss2023.org>

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