SCIENCE-FOURTH GRADE

TIMSS **2015**

School Composition and Resources

Socioeconomic Composition of Schools

PERCENT OF STUDENTS

38%

Average Achievement



Attended schools with more affluent than disadvantaged students

PERCENT OF STUDENTS

35%

Average Achievement



Attended schools with neither more affluent nor more disadvantaged students

PERCENT OF STUDENTS 27%

Average | Achievement |



Attended schools with more disadvantaged

than affluent students

In nearly all the TIMSS 2015 countries, students attending schools with more affluent than disadvantaged students had higher average science achievement.

Students Do Better in Schools Where Entering Students Had Key Skills

The more students in the school that enter school already able to read and work with numbers, the higher students' science achievement at the fourth grade.

Highest achievement

>75% of entering students had key skills

22%

PERCENT OF

519

Average Achievement

25 75%

54%

PERCENT OF STUDENTS

507

Average Achievement



24%

PERCENT OF STUDENTS

479

Average Achievement

Instruction Affected by Science

Resource Shortages - Principals' Reports

Percent of Students
Not Affected

25%

Average Achievement



Percent of Students Affected

69%

Average Achievement



Percent of Students Affected a Lot

5%

483 Average Achievement



SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015. http://timss2015.org/download-center/

