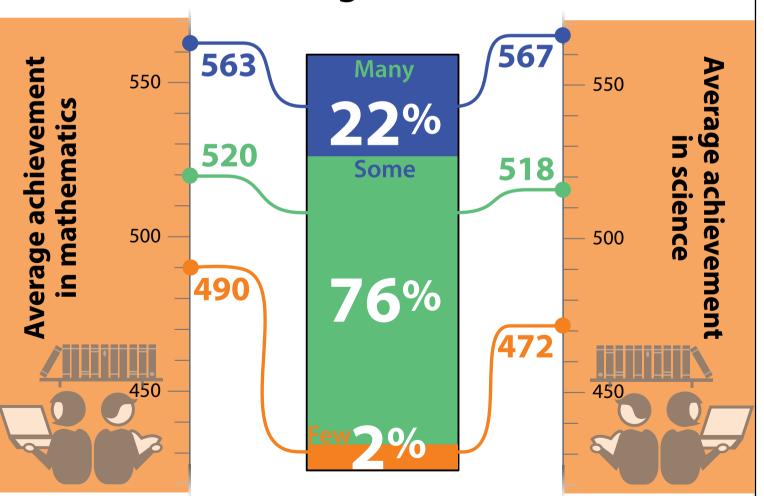




# Supportive Home Environment for Learning Home Educational Resources \*

In Canada, there is a difference of 43 points in mathematics and 49 points in science between Grade 8 students who reported "Many" home educational resources and those who reported "Some."

### Percentage of students



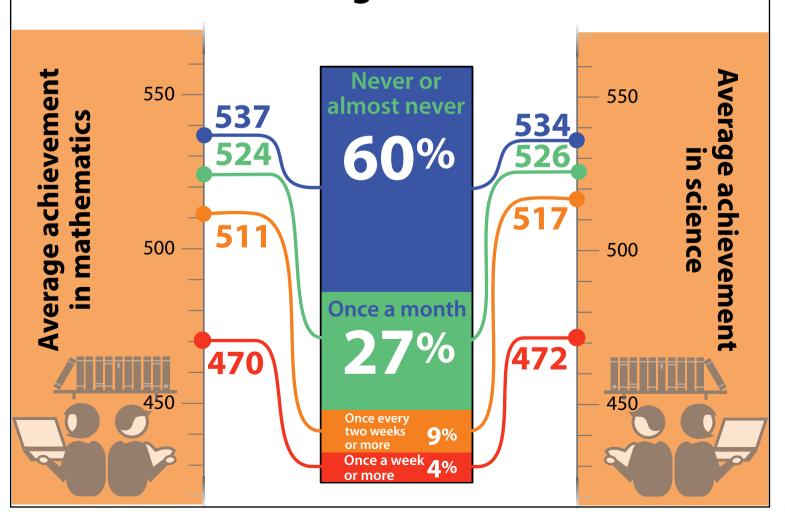
<sup>\*</sup> Home Educational Resources are defined as the number of books in the home, having an Internet connection and own room to study at home, and the highest level of education of the parents.



## Supportive Home Environment for Learning Student Attendance

In Canada, there is a difference of over 40 points in mathematics and science between Grade 8 students who reported being absent once every two weeks and those who reported being absent once a week or more.

### **Percentage of students**

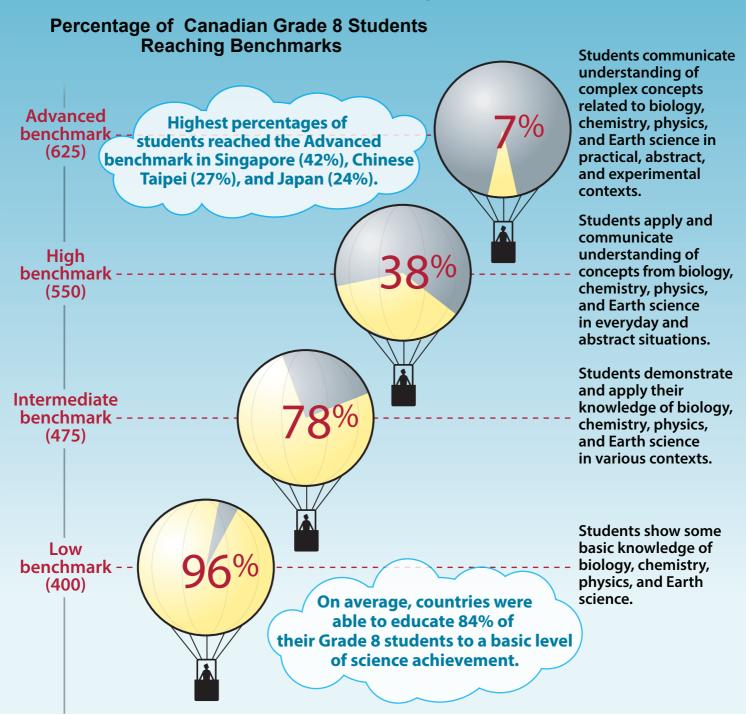






## Achievement at TIMSS International Benchmarks – Canada

TIMSS describes achievement at four international benchmarks along the science achievement scale: Advanced, High, Intermediate, and Low.



#### MATHEMATICS - GRADE 8





#### International Mathematics Achievement

East Asian countries are top achievers in Grade 8 mathematics.

Singapore 621

Korea 606 Chinese Taipei 599

Hong Kong SAR 594 Japan 586

TIMSS 2015 Mathematics has Grade 8 achievement results for **39** countries.

Quebec 543

Average achievement significantly higher than Canada's

lower than Canada's

Russian Federation 538

Kazakhstan 528 Canada 527

Average achievement statistically comparable to Canada's

Ireland 523 Ontario 522 England 518

United States 518 Slovenia 516 Hungary 514

Norway 512 Lithuania 511 Israel 511 Australia 505

Sweden 501 Italy 494 Malta 494 New Zealand 493 Malaysia 465

United Arab Emirates 465 Turkey 458 Bahrain 454 Average achievement significantly

Georgia 453 Lebanon 442 Qatar 437 Iran 436 Thailand 431

Chile 427 Oman 403 Kuwait 392 Egypt 392 Botswana 391

Jordan 386 Morocco 384 South Africa 372 Saudi Arabia 368