

**Exhibit 4.4: Students Speak the Language of the Test at Home**

Reported by Students

| Country                          | Always              |                     | Almost Always       |                     | Sometimes           |                     | Never               |                     |
|----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                                  | Percent of Students | Average Achievement | Percent of Students | Average Achievement | Percent of Students | Average Achievement | Percent of Students | Average Achievement |
| Australia                        | 82 (1.3)            | 504 (2.6)           | 11 (0.8)            | 514 (5.8)           | 6 (0.7)             | 516 (9.7)           | 1 (0.1)             | ~ ~                 |
| Bahrain                          | 55 (0.7)            | 444 (2.0)           | 19 (0.7)            | 479 (4.2)           | 21 (0.7)            | 464 (3.1)           | 5 (0.4)             | 437 (6.6)           |
| Botswana (9)                     | 5 (0.3)             | 383 (7.3)           | 8 (0.5)             | 424 (6.3)           | 79 (0.8)            | 392 (2.0)           | 9 (0.5)             | 361 (5.6)           |
| Canada                           | 66 (1.4)            | 524 (2.2)           | 21 (0.8)            | 536 (2.9)           | 10 (0.6)            | 534 (3.8)           | 3 (0.4)             | 547 (7.5)           |
| Chile                            | 87 (0.7)            | 430 (3.3)           | 8 (0.4)             | 439 (4.8)           | 3 (0.4)             | 367 (9.6)           | 1 (0.3)             | ~ ~                 |
| Chinese Taipei                   | 57 (1.1)            | 604 (2.8)           | 34 (0.8)            | 610 (3.1)           | 9 (0.6)             | 530 (5.8)           | 0 (0.1)             | ~ ~                 |
| Egypt                            | 64 (1.6)            | 388 (4.8)           | 13 (0.8)            | 414 (5.7)           | 19 (1.0)            | 398 (4.4)           | 4 (0.5)             | 375 (8.4)           |
| England                          | 85 (1.2)            | 517 (4.3)           | 9 (0.8)             | 536 (6.9)           | 4 (0.5)             | 514 (8.7)           | 1 (0.1)             | ~ ~                 |
| Georgia                          | 84 (1.3)            | 453 (3.5)           | 11 (0.7)            | 478 (7.1)           | 5 (0.8)             | 414 (9.8)           | 1 (0.2)             | ~ ~                 |
| Hong Kong SAR                    | 75 (1.7)            | 590 (4.2)           | 9 (0.5)             | 596 (6.9)           | 13 (1.4)            | 617 (7.4)           | 3 (0.4)             | 598 (16.1)          |
| Hungary                          | 87 (0.7)            | 512 (3.8)           | 11 (0.6)            | 535 (5.8)           | 1 (0.2)             | ~ ~                 | 0 (0.1)             | ~ ~                 |
| Iran, Islamic Rep. of            | 51 (1.8)            | 445 (5.7)           | 16 (0.9)            | 467 (7.1)           | 20 (1.2)            | 412 (5.0)           | 13 (1.0)            | 401 (7.5)           |
| Ireland                          | 82 (0.8)            | 525 (2.9)           | 7 (0.5)             | 523 (4.5)           | 7 (0.5)             | 505 (6.6)           | 4 (0.3)             | 506 (9.1)           |
| Israel                           | 78 (1.0)            | 512 (4.1)           | 15 (0.6)            | 519 (6.4)           | 6 (0.6)             | 498 (11.2)          | 1 (0.2)             | ~ ~                 |
| Italy                            | 71 (1.4)            | 504 (2.7)           | 18 (0.9)            | 487 (3.6)           | 9 (0.8)             | 448 (7.0)           | 2 (0.3)             | ~ ~                 |
| Japan                            | 96 (0.3)            | 588 (2.3)           | 3 (0.3)             | 566 (9.8)           | 1 (0.1)             | ~ ~                 | 0 (0.1)             | ~ ~                 |
| Jordan                           | 77 (1.3)            | 385 (3.3)           | 11 (0.6)            | 417 (5.0)           | 8 (0.7)             | 369 (5.6)           | 4 (0.6)             | 363 (16.7)          |
| Kazakhstan                       | 80 (1.1)            | 526 (5.3)           | 13 (0.7)            | 545 (7.8)           | 6 (0.6)             | 522 (14.2)          | 0 (0.1)             | ~ ~                 |
| Korea, Rep. of                   | 89 (0.5)            | 605 (2.6)           | 11 (0.5)            | 618 (4.6)           | 0 (0.1)             | ~ ~                 | 0 (0.0)             | ~ ~                 |
| Kuwait                           | 10 (1.0)            | 378 (8.7)           | 10 (0.7)            | 410 (12.8)          | 47 (1.5)            | 402 (5.5)           | 33 (1.3)            | 378 (5.2)           |
| Lebanon                          | 10 (0.8)            | 444 (6.8)           | 17 (0.7)            | 456 (4.8)           | 59 (1.2)            | 442 (4.3)           | 14 (0.9)            | 430 (5.7)           |
| Lithuania                        | 79 (0.9)            | 510 (3.1)           | 18 (0.7)            | 520 (4.6)           | 3 (0.3)             | 491 (8.5)           | 0 (0.1)             | ~ ~                 |
| Malaysia                         | 34 (1.5)            | 491 (4.5)           | 22 (0.8)            | 472 (4.0)           | 38 (1.4)            | 443 (5.2)           | 6 (0.7)             | 437 (8.0)           |
| Malta                            | 10 (0.5)            | 511 (5.1)           | 15 (0.6)            | 507 (3.8)           | 55 (0.8)            | 493 (1.7)           | 20 (0.5)            | 479 (3.3)           |
| Morocco                          | 25 (1.1)            | 369 (3.5)           | 14 (0.6)            | 387 (3.6)           | 46 (1.1)            | 391 (2.7)           | 15 (0.9)            | 389 (3.4)           |
| New Zealand                      | 79 (1.4)            | 495 (2.9)           | 14 (0.9)            | 491 (5.6)           | 6 (0.6)             | 476 (10.5)          | 1 (0.1)             | ~ ~                 |
| Norway (9)                       | 81 (1.2)            | 516 (2.1)           | 12 (0.7)            | 497 (4.8)           | 5 (0.6)             | 484 (5.8)           | 1 (0.2)             | ~ ~                 |
| Oman                             | 49 (1.4)            | 403 (3.0)           | 18 (0.7)            | 413 (4.8)           | 27 (0.9)            | 403 (3.6)           | 7 (0.4)             | 389 (5.4)           |
| Qatar                            | 50 (0.7)            | 411 (3.3)           | 19 (0.8)            | 470 (4.8)           | 26 (0.6)            | 465 (5.1)           | 4 (0.3)             | 440 (8.0)           |
| Russian Federation               | 83 (1.6)            | 539 (4.4)           | 12 (0.6)            | 544 (7.0)           | 5 (1.3)             | 512 (27.6)          | 1 (0.1)             | ~ ~                 |
| Saudi Arabia                     | 64 (1.7)            | 364 (4.7)           | 10 (0.6)            | 396 (7.5)           | 17 (1.2)            | 368 (7.6)           | 10 (1.0)            | 367 (11.3)          |
| Singapore                        | 33 (0.7)            | 631 (3.2)           | 32 (0.7)            | 630 (3.2)           | 31 (0.6)            | 603 (4.3)           | 4 (0.2)             | 601 (7.7)           |
| Slovenia                         | 70 (1.3)            | 524 (2.3)           | 21 (1.0)            | 512 (3.1)           | 7 (0.6)             | 468 (5.5)           | 3 (0.4)             | 474 (9.2)           |
| South Africa (9)                 | 16 (1.2)            | 409 (7.2)           | 14 (0.8)            | 424 (6.9)           | 63 (1.5)            | 356 (4.1)           | 6 (0.4)             | 325 (5.6)           |
| Sweden                           | 75 (1.5)            | 508 (2.9)           | 16 (1.0)            | 491 (4.5)           | 7 (0.7)             | 457 (8.2)           | 1 (0.2)             | ~ ~                 |
| Thailand                         | 64 (1.9)            | 441 (5.5)           | 15 (0.8)            | 436 (6.3)           | 19 (1.7)            | 397 (5.2)           | 2 (0.2)             | ~ ~                 |
| Turkey                           | 82 (1.6)            | 468 (4.6)           | 9 (0.5)             | 471 (8.2)           | 8 (1.0)             | 365 (10.4)          | 2 (0.5)             | ~ ~                 |
| United Arab Emirates             | 43 (0.9)            | 443 (2.7)           | 21 (0.6)            | 505 (2.9)           | 31 (0.8)            | 473 (3.3)           | 5 (0.3)             | 449 (6.2)           |
| United States                    | 74 (1.1)            | 521 (3.0)           | 17 (0.6)            | 518 (4.7)           | 8 (0.5)             | 504 (5.5)           | 1 (0.1)             | ~ ~                 |
| International Avg.               | 62 (0.2)            | 482 (0.7)           | 15 (0.1)            | 494 (0.9)           | 19 (0.1)            | 458 (1.4)           | 5 (0.1)             | 437 (1.9)           |
| <b>Benchmarking Participants</b> |                     |                     |                     |                     |                     |                     |                     |                     |
| Buenos Aires, Argentina          | 86 (0.8)            | 396 (4.4)           | 10 (0.6)            | 400 (8.8)           | 3 (0.4)             | 363 (14.7)          | 1 (0.2)             | ~ ~                 |
| Ontario, Canada                  | 67 (1.6)            | 517 (2.8)           | 20 (1.1)            | 536 (4.1)           | 11 (0.7)            | 533 (4.9)           | 2 (0.4)             | ~ ~                 |
| Quebec, Canada                   | 62 (2.6)            | 545 (3.2)           | 24 (1.5)            | 540 (5.2)           | 10 (1.5)            | 549 (6.6)           | 4 (0.9)             | 556 (12.4)          |
| Norway (8)                       | 80 (1.1)            | 490 (2.0)           | 14 (0.8)            | 478 (4.5)           | 5 (0.4)             | 471 (5.1)           | 1 (0.2)             | ~ ~                 |
| Abu Dhabi, UAE                   | 50 (2.0)            | 422 (5.2)           | 17 (1.4)            | 484 (6.5)           | 28 (1.5)            | 456 (7.1)           | 5 (0.6)             | 419 (10.8)          |
| Dubai, UAE                       | 33 (0.9)            | 501 (2.6)           | 31 (0.8)            | 534 (3.3)           | 32 (0.9)            | 503 (3.2)           | 4 (0.4)             | 509 (7.8)           |
| Florida, US                      | 62 (3.6)            | 495 (6.7)           | 22 (1.8)            | 505 (8.7)           | 14 (1.9)            | 479 (12.0)          | 2 (0.5)             | ~ ~                 |

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.  
A tilde (~) indicates insufficient data to report achievement.

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015