

Exhibit 4.6: School Emphasis on Academic Success

Principals' Reports

About the Scale

Students were scored according to their principals' responses characterizing eleven aspects on the *School Emphasis on Academic Success* scale. Cut scores divide the scale into three categories. Students in schools with a **Very High Emphasis** on academic success had a score at or above the cut score corresponding to their principals characterizing six of the eleven aspects as "very high" and the other five as "high," on average. Students in schools with a **Medium Emphasis** on academic success had a score at or below the cut score corresponding to their principals characterizing six of the eleven aspects as "medium" and the other five as "high," on average. All other students attended schools with a **High Emphasis** on academic success.

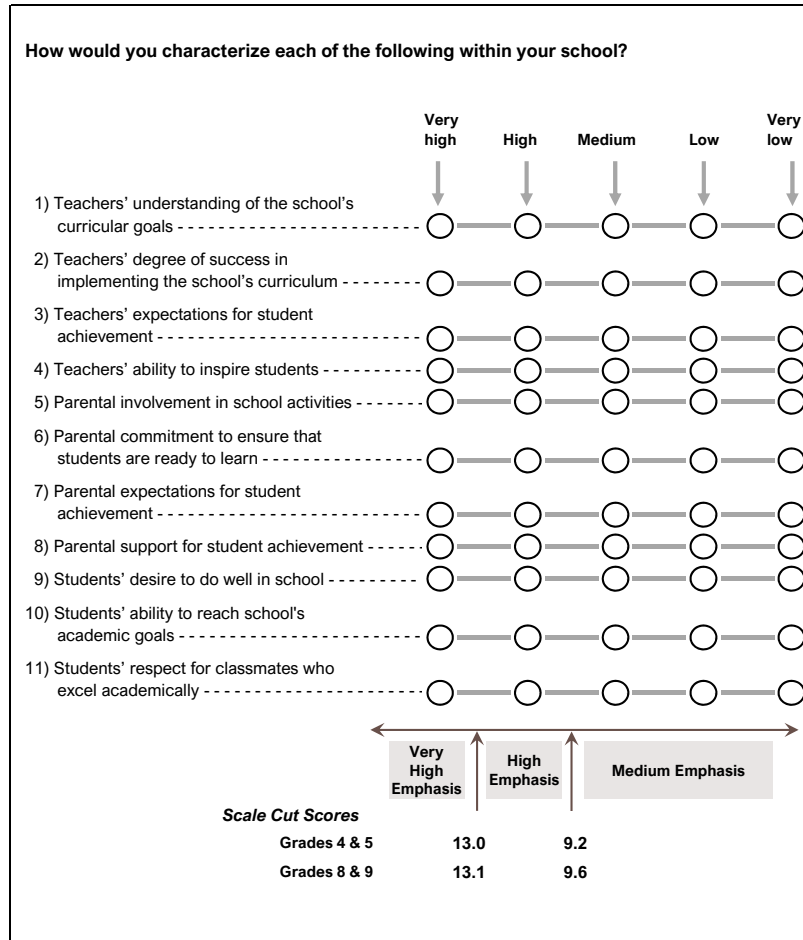


Exhibit 4.7a: School Emphasis on Academic Success and Growth in Achievement
Principals' Reports in 2023

Country	Very High Emphasis		High Emphasis		Medium Emphasis	
	Percent of Students	Average Growth	Percent of Students	Average Growth	Percent of Students	Average Growth
Georgia	6 (1.6)	28 (12.6)	57 (4.0)	16 (4.4)	37 (3.9)	24 (4.4)
Italy	2 ~	~ ~	31 (3.9)	39 (3.7)	67 (4.1)	40 (1.9)
Jordan	8 (3.0)	26 (11.2)	49 (4.3)	9 (7.3)	43 (3.9)	13 (5.4)
Korea, Rep. of	23 (4.0)	37 (3.2)	60 (4.6)	40 (1.8)	17 (3.5)	44 (4.4)
Kosovo	6 (1.8)	24 (6.8)	63 (4.2)	17 (2.7)	31 (3.9)	18 (3.4)
Montenegro	6 (0.2)	13 (5.0)	58 (0.6)	22 (2.2)	37 (0.5)	14 (2.6)
North Macedonia	10 (2.2)	7 (7.0)	49 (3.5)	19 (3.4)	41 (3.7)	11 (4.2)
Slovenia	0 ~	~ ~	49 (4.9)	43 (2.0)	51 (4.9)	43 (2.4)
Sweden	8 (2.5)	17 (5.7)	55 (4.2)	30 (2.1)	37 (4.1)	30 (2.8)

This TIMSS context questionnaire scale was established in 2015 based on the combined response distribution of countries that participated in TIMSS 2015. To provide a point of reference for country comparisons, the scale centerpoint of 10 was located at the mean of the combined distribution. The units of the scale were chosen so that 2 scale score points corresponded to the standard deviation of the distribution.

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A tilde (~) indicates insufficient data to report result.

An "r" indicates data are available for at least 70% but less than 85% of the students.

SOURCE: IEA's Trends in International Mathematics and Science Study - TIMSS 2023 Longitudinal
 Downloaded from: <https://timss2023.org/longitudinal/results>

Exhibit 4.7b: School Emphasis on Academic Success and Average Achievement
Principals' Reports in 2023 and 2024

Country	Very High Emphasis		High Emphasis		Medium Emphasis		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Georgia							
Grade 4	6 (1.6)	504 (12.2)	57 (4.0)	508 (4.6)	37 (3.9)	480 (4.9)	10.0 (0.13)
Grade 5	4 (1.5)	527 (14.6)	55 (4.4)	528 (5.1)	41 (4.5)	504 (4.5)	9.9 (0.15)
Italy							
Grade 4	2 ~	~ ~	31 (3.9)	520 (5.1)	67 (4.1)	509 (3.4)	8.8 (0.14)
Grade 5	2 ~	~ ~	26 (4.0)	553 (8.1)	71 (4.0)	551 (3.7)	8.8 (0.13)
Jordan							
Grade 4	8 (3.0)	418 (15.1)	49 (4.3)	439 (7.6)	43 (3.9)	416 (8.2)	10.1 (0.21)
Grade 5	12 (2.8)	476 (12.2)	45 (4.5)	452 (5.9)	43 (4.1)	416 (9.1)	10.0 (0.21)
Korea, Rep. of							
Grade 4	23 (4.0)	610 (5.1)	60 (4.6)	593 (3.9)	17 (3.5)	578 (5.3)	11.5 (0.22)
Grade 5	32 (4.7)	646 (5.2)	54 (4.8)	636 (2.8)	14 (3.2)	613 (13.6)	12.0 (0.26)
Kosovo							
Grade 4	6 (1.8)	460 (11.5)	63 (4.2)	459 (3.9)	31 (3.9)	429 (7.8)	10.3 (0.13)
Grade 5	- -	- -	- -	- -	- -	- -	- -
Montenegro							
Grade 4	6 (0.2)	491 (9.8)	58 (0.6)	476 (2.4)	37 (0.5)	476 (2.5)	9.9 (0.02)
Grade 5	0 ~	~ ~	58 (0.5)	500 (2.3)	42 (0.5)	485 (2.0)	9.6 (0.01)
North Macedonia							
Grade 4	10 (2.2)	471 (12.1)	49 (3.5)	484 (4.6)	41 (3.7)	465 (5.6)	10.0 (0.18)
Grade 5	9 (2.1)	490 (11.5)	57 (3.3)	495 (4.5)	34 (3.6)	471 (6.8)	10.2 (0.17)
Slovenia							
Grade 4	0 ~	~ ~	49 (4.9)	516 (2.7)	51 (4.9)	510 (2.7)	9.3 (0.12)
Grade 5	1 ~	~ ~	34 (4.6)	564 (3.2)	64 (4.7)	549 (2.4)	9.1 (0.16)
Sweden							
Grade 4	8 (2.5)	557 (7.1)	55 (4.2)	539 (3.3)	37 (4.1)	510 (5.1)	10.2 (0.16)
Grade 5	5 (1.8)	582 (7.6)	53 (4.0)	573 (3.4)	43 (4.0)	542 (5.1)	9.9 (0.15)

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A "y" indicates data are available for less than 40% of the students.

Exhibit 4.8a: School Emphasis on Academic Success and Growth in Achievement

Principals' Reports in 2023

Country	Very High Emphasis		High Emphasis		Medium Emphasis	
	Percent of Students	Average Growth	Percent of Students	Average Growth	Percent of Students	Average Growth
Georgia	6 (1.6)	30 (6.5)	57 (4.0)	17 (4.0)	37 (3.9)	24 (3.3)
Italy	2 ~	~ ~	31 (3.9)	33 (3.0)	67 (4.1)	33 (2.0)
Jordan	8 (3.0)	31 (7.6)	49 (4.3)	17 (6.5)	43 (3.9)	22 (7.3)
Korea, Rep. of	23 (4.0)	29 (3.1)	60 (4.6)	36 (2.1)	17 (3.5)	38 (3.7)
Kosovo	6 (1.8)	15 (6.3)	63 (4.2)	19 (3.1)	31 (3.9)	21 (3.7)
Montenegro	6 (0.2)	6 (8.9)	58 (0.6)	22 (1.7)	37 (0.5)	16 (2.0)
North Macedonia	10 (2.2)	8 (6.8)	49 (3.5)	12 (3.2)	41 (3.7)	7 (3.9)
Slovenia	0 ~	~ ~	49 (4.9)	39 (2.0)	51 (4.9)	36 (2.1)
Sweden	8 (2.5)	17 (6.5)	55 (4.2)	28 (1.9)	37 (4.1)	31 (3.4)

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Exhibit 4.8b: School Emphasis on Academic Success and Average Achievement
Principals' Reports in 2023 and 2024

Country	Very High Emphasis		High Emphasis		Medium Emphasis		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Georgia							
Grade 4	6 (1.6)	478 (17.6)	57 (4.0)	474 (4.8)	37 (3.9)	449 (3.6)	10.0 (0.13)
Grade 5	4 (1.5)	483 (15.1)	55 (4.4)	494 (5.1)	41 (4.5)	473 (4.8)	9.9 (0.15)
Italy							
Grade 4	2 ~	~ ~	31 (3.9)	518 (4.5)	67 (4.1)	507 (3.3)	8.8 (0.14)
Grade 5	2 ~	~ ~	26 (4.0)	540 (7.9)	71 (4.0)	544 (3.4)	8.8 (0.13)
Jordan							
Grade 4	8 (3.0)	419 (15.5)	49 (4.3)	431 (6.9)	43 (3.9)	401 (8.0)	10.1 (0.21)
Grade 5	12 (2.8)	471 (11.0)	45 (4.5)	451 (7.1)	43 (4.1)	414 (9.0)	10.0 (0.21)
Korea, Rep. of							
Grade 4	23 (4.0)	598 (4.7)	60 (4.6)	580 (4.1)	17 (3.5)	569 (5.1)	11.5 (0.22)
Grade 5	32 (4.7)	625 (4.1)	54 (4.8)	616 (2.5)	14 (3.2)	596 (13.0)	12.0 (0.26)
Kosovo							
Grade 4	6 (1.8)	420 (11.6)	63 (4.2)	410 (3.9)	31 (3.9)	385 (7.2)	10.3 (0.13)
Grade 5	- -	- -	- -	- -	- -	- -	- -
Montenegro							
Grade 4	6 (0.2)	475 (12.1)	58 (0.6)	463 (2.0)	37 (0.5)	460 (2.7)	9.9 (0.02)
Grade 5	0 ~	~ ~	58 (0.5)	486 (2.3)	42 (0.5)	470 (2.5)	9.6 (0.01)
North Macedonia							
Grade 4	10 (2.2)	428 (13.6)	49 (3.5)	453 (4.9)	41 (3.7)	428 (5.6)	10.0 (0.18)
Grade 5	9 (2.1)	446 (12.3)	57 (3.3)	457 (4.6)	34 (3.6)	429 (6.2)	10.2 (0.17)
Slovenia							
Grade 4	0 ~	~ ~	49 (4.9)	526 (2.9)	51 (4.9)	524 (2.9)	9.3 (0.12)
Grade 5	1 ~	~ ~	34 (4.6)	570 (3.5)	64 (4.7)	559 (2.3)	9.1 (0.16)
Sweden							
Grade 4	8 (2.5)	558 (6.3)	55 (4.2)	544 (3.6)	37 (4.1)	507 (7.3)	10.2 (0.16)
Grade 5	5 (1.8)	581 (9.2)	53 (4.0)	577 (3.9)	43 (4.0)	540 (6.2)	9.9 (0.15)

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Exhibit 4.9a: School Emphasis on Academic Success and Growth in Achievement
Principals' Reports in 2023

Country	Very High Emphasis		High Emphasis		Medium Emphasis	
	Percent of Students	Average Growth	Percent of Students	Average Growth	Percent of Students	Average Growth
Jordan	5 (1.8)	27 (4.4)	43 (3.6)	19 (5.3)	51 (3.5)	13 (3.7)
Korea, Rep. of	26 (3.5)	5 (2.7)	60 (4.0)	10 (2.2)	14 (2.8)	6 (3.7)
Sweden	7 (2.2)	12 (3.7)	54 (4.2)	11 (1.9)	39 (3.9)	12 (2.3)

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Exhibit 4.9b: School Emphasis on Academic Success and Average Achievement
Principals' Reports in 2023 and 2024

Country	Very High Emphasis		High Emphasis		Medium Emphasis		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Jordan							
Grade 8	5 (1.8)	416 (17.5)	43 (3.6)	401 (5.7)	51 (3.5)	374 (4.6)	9.7 (0.16)
Grade 9	12 (2.5)	436 (12.1)	45 (3.9)	414 (5.7)	43 (3.5)	388 (4.4)	10.3 (0.19)
Korea, Rep. of							
Grade 8	26 (3.5)	611 (5.5)	60 (4.0)	591 (3.8)	14 (2.8)	586 (5.7)	11.8 (0.17)
Grade 9	24 (3.4)	625 (5.1)	63 (3.6)	598 (4.3)	14 (2.7)	591 (6.6)	11.8 (0.19)
Sweden							
Grade 8	7 (2.2)	538 (10.3)	54 (4.2)	524 (3.3)	39 (3.9)	500 (4.7)	10.2 (0.15)
Grade 9	7 (2.3)	551 (11.0)	49 (4.3)	536 (4.8)	44 (4.2)	515 (4.8)	10.1 (0.17)

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Country	Very High Emphasis		High Emphasis		Medium Emphasis	
	Percent of Students	Average Growth	Percent of Students	Average Growth	Percent of Students	Average Growth
Jordan	5 (1.8)	21 (5.9)	43 (3.6)	10 (5.9)	51 (3.5)	7 (3.1)
Korea, Rep. of	26 (3.5)	6 (2.8)	60 (4.0)	9 (2.1)	14 (2.8)	5 (3.5)
Sweden	7 (2.2)	5 (3.9)	54 (4.2)	6 (2.7)	39 (3.9)	7 (2.4)

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Exhibit 4.10b: School Emphasis on Academic Success and Average Achievement
Principals' Reports in 2023 and 2024

Country	Very High Emphasis		High Emphasis		Medium Emphasis		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Jordan							
Grade 8	5 (1.8)	449 (16.1)	43 (3.6)	427 (6.7)	51 (3.5)	398 (4.7)	9.7 (0.16)
Grade 9	12 (2.5)	463 (11.3)	45 (3.9)	431 (5.4)	43 (3.5)	404 (4.5)	10.3 (0.19)
Korea, Rep. of							
Grade 8	26 (3.5)	557 (5.1)	60 (4.0)	542 (3.0)	14 (2.8)	542 (4.8)	11.8 (0.17)
Grade 9	24 (3.4)	569 (4.3)	63 (3.6)	549 (4.0)	14 (2.7)	545 (5.2)	11.8 (0.19)
Sweden							
Grade 8	7 (2.2)	549 (12.8)	54 (4.2)	528 (3.9)	39 (3.9)	499 (6.0)	10.2 (0.15)
Grade 9	7 (2.3)	553 (12.0)	49 (4.3)	535 (5.4)	44 (4.2)	508 (5.3)	10.1 (0.17)

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