

PMR Public Report

Operation Number	BL-J0002	Chief of Operations Validation Date	04/19/21
Year- PMR Cycle	Second period Jan-Dec 2020	Division Chief Validation Date	04/19/21
Last Update	04/19/21	Country Representative Validation Date	04/23/21
PMR Validation Stage	Validated by Representative		

Basic Data

Operation Profile

Operation Name	Education Quality Improvement Program (EQIP) II	Loan Number	5139/GR-BL
Executing Agency	MINISTRY OF EDUCATION, YOUTH, SPORTS AND CULTURE	Sector/Subsector	EDUCATION-SECONDARY EDUCATION
Team Leader	NASLUND-HADLEY, EMMA INGRID	Overall Stage	Effective/Pending Eligibility
Operation Type	Grant Financing Product	Country	Belize
Lending Instrument	Investment Loan	Convergence related Operation(s)	BL-L1030
Borrower	BELIZE		

Environmental and Social Safeguards

Impacts Category	C	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating		Date of approval	
Safeguard Performance Rating - Rationale			

Financial Data

Item	Total Cost and Source					Available Funds (US\$)			
	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disb	Undisbursed Amount
BL-J0002	2,500,000	2,500,000	0	0	2,500,000	2,500,000	0	0.00%	2,500,000
BL-L1030	10,000,000	10,000,000	100,000	0	10,100,000	10,000,000	2,725,383	27.25%	7,274,617
Aggregated	12,500,000	12,500,000	100,000	0	12,600,000	12,500,000	2,725,383	21.80%	9,774,617

Expense Categories by Loan Contract (cumulative values)

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General Development Objectives

General Development Objectives Nbr. 1: Improve the quality and equity of education at the primary and secondary levels

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
1.0	Test of female STEAM skills relative to that without the program (counterfactual) – 2nd form	Standard Deviations	0.00	2024	2024	P	0.24
						A	

Details

Means of verification: RCT Evaluation.

Observations: The PEU is responsible for contracting.

Pro-Gender	No	Pro-Ethnicity	No
The General Development objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO)			

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
1.1	Test of male STEAM skills relative to that without the program (counterfactual) – 2nd form	Standard Deviations	0.00	2024	2024	P	0.24
						A	

Details

Means of verification: RCT Evaluation.

Observations: The PEU is responsible for contracting.

Pro-Gender	No	Pro-Ethnicity	No
The General Development objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO)			

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
1.2	Sense of belonging measure relative to that without the program (counterfactual) – 2nd form	Standard Deviations	0.00	2024	2024	P	0.24
						A	

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General Development Objectives

Details							
Means of verification: RCT Evaluation.							
Observations: The PEU is responsible for contracting.							
Pro-Gender		No	Pro-Ethnicity		No		
The General Development bjective indicator target is expected tobe observed by the operation's "Fully Justified" date inConvergence (CO)		No					
	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
1.3	Spillover effect measure on science content knowledge – Standard 6	%	61.50	2017	2024	P	64.00
						A	
Details							
Means of verification: RCT Evaluation.							
Observations: The PEU is responsible for contracting.							
Pro-Gender		No	Pro-Ethnicity		No		
The General Development bjective indicator target is expected tobe observed by the operation's "Fully Justified" date inConvergence (CO)		No					

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Specific Development Objectives

Specific Development Objectives Nbr. 1: Improve the quality of primary school teachers by expanding the inquiry- and problem-based learning approach

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
1.0	Pedagogical practice index at the primary level – Standard 5.	%	30.00	2017	P	0.00	0.00	0.00	0.00	35.00		35.00
					A	0.00						0.00
Details												
Means of verification: TSVI assessment contracted by PEU.												
Pro-Gender		No		Pro-Ethnicity		No						
Indicator		Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
1.1	Quality of lessons index at the primary level – Standard 5	%	39.00	2017	P	0.00	0.00	0.00	0.00	47.00		47.00
					A	0.00						0.00
Details												
Means of verification: CLASS assessment contracted by the PEU.												
Pro-Gender		No		Pro-Ethnicity		No						
Indicator		Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
1.2	Non-migrant students benefiting from trained teachers at the primary level.	# of students	0.00	2019	P	0.00	0.00	6,000.00	10,000.00	8,840.00		24,840.00
					A	0.00						0.00
Details												
Means of verification: Project Progress Report, prepared by the PEU												
Pro-Gender		No		Pro-Ethnicity		No						
	Male				P	0.00	0.00	3,000.00	5,000.00	4,420.00		12,420.00
					A	0.00						0.00
	Female				P	0.00	0.00	3,000.00	5,000.00	4,420.00		12,420.00
					A	0.00						0.00
Indicator		Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
1.4	Migrant students benefitting from trained teachers at the primary level.	# of students	0.00	2020	P	0.00	0.00	0.00	2,760.00	0.00		2,760.00
					A	0.00						0.00
Details												

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Specific Development Objectives

Means of verification: Project Progress Report, prepared by the PEU

Pro-Gender		No	Pro-Ethnicity		No							
	Male				P	0.00	0.00	1,000.00	380.00	0.00	0.00	1,380.00
					A	0.00						0.00
	Female				P	0.00	0.00	1,000.00	380.00	0.00	0.00	1,380.00
					A	0.00						0.00

Specific Development Objectives Nbr. 2: Improve the quality of secondary education teachers by improving teaching practices with a focus on student-centered science and mathematics learning.

Observation: in accordance with the approved results matrix and evaluation plan, the baseline and targets for indicators 2.1 and 22 will be collected in year 4.

Indicator		Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
2.0	Pedagogical practice index at the secondary level.	%	0.00	2024	P	0.00	0.00	0.00	0.00			0.00
					A	0.00						0.00

Details

Means of verification: TSVI assessment contracted by PEU.

Pro-Gender		No	Pro-Ethnicity		No							
Indicator		Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
2.1	Quality of Teaching Index at the secondary level	%	0.00	2024	P	0.00	0.00	0.00	0.00			0.00
					A	0.00						0.00

Details

Means of verification: CLASS assessment contracted by the PEU.

Pro-Gender		No	Pro-Ethnicity		No							
Indicator		Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
2.2	Students beneficiaries enrolled in the STEAM Laboratory School	# of students	0.00	2019	P	0.00	0.00	0.00	100.00	100.00		200.00
					A	0.00						0.00

Details

Means of verification: Project Progress Report, prepared by the PEU

Pro-Gender		No	Pro-Ethnicity		No							
	Male				P	0.00	0.00	0.00	50.00	50.00		100.00
					A	0.00	0.00					0.00

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Specific Development Objectives

	Female				P	0.00	0.00	0.00	50.00	50.00		100.00
					A	0.00						0.00

Indicator		Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
2.5	Students benefitted by teachers trained in IPP STEAM education	# of students	0.00	2019	P	0.00	0.00	0.00	0.00	11,088.00		11,088.00
					A	0.00						0.00

Details

Means of verification: Project Progress Report, prepared by the PEU

Pro-Gender	No	Pro-Ethnicity	No
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	Male				P	0.00	0.00	0.00	0.00	5,544.00		5,544.00
					A	0.00						0.00
	Female				P	0.00	0.00	0.00	0.00	5,544.00		5,544.00
					A	0.00						0.00

Indicator		Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
2.7	Migrant students benefitted by teachers trained in IPP STEAM education	# of students	0.00	2020	P	0.00	0.00	0.00	0.00	1,232.00		1,232.00
					A	0.00						0.00

Details

Means of verification: Project Progress Report, prepared by the PEU

Pro-Gender	No	Pro-Ethnicity	No
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	Female				P	0.00	0.00	0.00	0.00	616.00		616.00
					A	0.00						0.00
	Male				P	0.00	0.00	0.00	0.00	616.00		616.00
					A	0.00						0.00

Specific Development Objectives Nbr. 3: Promote gender-sensitive STEAM teaching.

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
3.0	Gender Sensitive Pedagogical practice index at the secondary level relative to that without the program (counterfactual)	%	0.00	2024	P	0.00	0.00	0.00	0.00	5.00		5.00
					A	0.00						0.00

Details

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Specific Development Objectives

Means of verification: INERSECT sex equity classroom index

Pro-Gender	Yes	Pro-Ethnicity	No
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RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Inquiry- and Problem-based Learning in the Primary School Classroom

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2025	2020	EOP 2025
1.1	Primary school Principals, General and Local Managers, and Education Officers trained in school administration and education magement.	#	P	0	320	0	400,000
			P(a)	0	320	0	400,000
			A	0	0	0	0
1.2	Parents trained to increase their participation in school management.	#	P	0	1,500	0	500,000
			P(a)	0	1,500	0	500,000
			A	0	0	0	0
1.3	Teachers trained in Inquiry- and Problembased learning	#	P	0	1,500	0	1,000,000
			P(a)	0	1,500	0	1,000,000
			A	0	0	0	0
1.4	Teachers trained in the support of migrant students including immersion English	#	P	0	1,500	0	150,000
			P(a)	0	1,500	0	150,000
			A	0	0	0	0
1.5	Caregivers trained in multiculturalism and integration of migrant students.	#	P	0	1,500	0	150,000
			P(a)	0	1,500	0	150,000
			A	0	0	0	0
1.6	eLearning devices for hybrid education with learning applications for offline use	#	P	0	3,700	0	1,700,000
			P(a)	0	3,700	0	1,700,000
			A	0	0	0	0

Component Nbr. 2 STEAM Learning in the Secondary School Classroom

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2025	2020	EOP 2025
2.1	Construction Document Package (Technical Drawings and Specifications) depicting the STEAM School Design approved.	#	P	1	1	660,000	660,000
			P(a)	1	1	660,000	660,000
			A	1	1	660,000	660,000
2.2	STEAM Lab School Constructed.	#	P	0	1	0	2,000,000
			P(a)	0	1	0	2,000,000
			A	0	0	0	0
2.3	STEAM Laboratory School Furnished.	#	P	0	1	0	1,000,000
			P(a)	0	1	0	1,000,000
			A	0	0	0	0
2.4	Teachers trained through STEAM laboratory school.	#	P	0	100	0	1,482,000
			P(a)	0	100	0	1,482,000
			A	0	0	0	0
2.5	Teachers trained inclusive education and management of multicultural environment, including immersion English.	#	P	0	100	0	220,000
			P(a)	0	100	0	220,000
			A	0	0	0	0
2.6	eLearning devices for hybrid education with learning applications for offline use	#	P	5,315	6,000	1,771,667	2,000,000
			P(a)	5,315	6,000	1,771,667	2,000,000
			A	5,315	5,315	1,771,667	1,771,667

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OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 3 Evaluation

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2025	2020	EOP 2025
3.1	Primary education endline completed.	#	P	0	1	0	60,000
			P(a)	0	1	0	60,000
			A	0	0	0	0
3.2	Video study secondary education completed.	#	P	0	1	0	50,000
			P(a)	0	1	0	50,000
			A	0	0	0	0
3.3	RCT Baseline report completed.	#	P	0	1	0	125,000
			P(a)	0	1	0	125,000
			A	0	0	0	0
3.4	Evaluation Endline report completed.	#	P	0	1	0	100,000
			P(a)	0	1	0	100,000
			A	0	0	0	0

Component Nbr. 4 Project Management

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2025	2020	EOP 2025
4.1	PEU Operated	#	P	1	5	133,600	668,000
			P(a)	1	5	133,600	668,000
			A	1	1	133,600	133,600

Other Cost

	Contingencies		P			0	335,000
			P(a)			0	335,000
			A			0	0

Total Cost

	Total Cost		P			2,565,267	12,600,000
			P(a)			2,565,267	12,600,000
			A			2,565,267	2,565,267

CHANGES TO THE MATRIX

No information available for this section

IMPLEMENTATION STATUS AND LEARNING

No information available for this section