



Results Matrix

Outcomes

Outcome:	1 The objective of the TC is to validate the hypothesis that AI tutoring positively impacts the reading skills of students and the adoption of ATAL and AI tools among teachers.										
Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	2024	2025	2026	2027	EOP	
1.1 Positive impact on students from the student treatment group, showing at least 0.2 standard deviations improvement in		Number	0.00	2024	Randomized Controlled Trial	P	0.00	0.10	0.10	0.00	0.20
						P(a)	0.00	0.10	0.10	0.00	0.20
						A	0.00				
1.2 Positive impact on teachers from the teacher treatment group, showing at least 0.2 standard deviations improvement in		Number	0.00	2024	Randomized Controlled Trial	P	0.00	0.10	0.10	0.00	0.20
						P(a)	0.00	0.10	0.10	0.00	0.20
						A	0.00				

CRF Indicator

Outputs: Annual Physical and Financial Progress

1 Development of an IA-Tutor for students to measure literacy skills and provide feedback						Physical Progress					Financial Progress					Theme	Fund	Flags		
Outputs	Output Description	Unit of Measure	Baseline	Baseline Year	Means of verification	2024	2025	2026	2027	EOP	2024	2025	2026	2027	EOP					
1.1 Diagnostics and assessments completed	Census Evaluation of Student Literacy. Administered to the entire study population at the beginning and end of both academic years.	Diagnostics (#)	0	2024	Reports published in IDB's library.	P	0	1	2	0	3	P	0	45000	45000	0	90000	Education	W2F	🚩
						P(a)	0	1	2	0	3	P(a)	0	45000	45000	0	90000			
						A	0				0	A	0				0			
1.2 New databases created	AI-Tutor for Students. Personal tutor providing assessments, feedback, and real-time reports.	Databases (#)	0	2024	Data base uploaded.	P	0	1	1	0	2	P	0	66250	66250	0	132500	Education	W2E	🚩
						P(a)	0	1	1	0	2	P(a)	0	66250	66250	0	132500			
						A	0				0	A	0				0			
1.3 Experimental impact evaluation (ex-ante or ex-post) performed	Results of the Experiments. Technical documents describing the technology processes, identification of causal effects.	Evaluation Final Report (#)	0	2024	Reports published in IDB's library or scientific journal.	P	0	0	1	0	1	P	0	3750	3750	0	7500	Education	W2F	🚩
						P(a)	0	0	1	0	1	P(a)	0	3750	3750	0	7500			
						A	0				0	A	0				0			
2 Development of an IA-Tutor for teachers to increase use and adoption of ATAL's materials						Physical Progress					Financial Progress					Theme	Fund	Flags		
Outputs	Output Description	Unit of Measure	Baseline	Baseline Year	Means of verification	2024	2025	2026	2027	EOP	2024	2025	2026	2027	EOP					
2.1 Surveys conducted	Perception Survey on ATAL and AI Tools for Teachers. Administered to the entire study population at the beginning and end of both academic years.	Surveys (#)	0	2024	Reports published in IDB's library.	P	0	1	2	0	3	P	0	22500	22500	0	45000	Education	W2F	🚩
						P(a)	0	1	2	0	3	P(a)	0	22500	22500	0	45000			
						A	0				0	A	0				0			
2.2 New databases created	AI-Tutor for Teachers. Personal tutor providing information on ATAL classes and assessments.	Databases (#)	0	2024	Data base uploaded.	P	0	1	1	0	2	P	0	22500	22500	0	45000	Education	W2F	🚩
						P(a)	0	1	1	0	2	P(a)	0	22500	22500	0	45000			
						A	0				0	A	0				0			
2.3 Newsletters published	Informative Newsletters for Teachers. Randomly distributed newsletters covering practical topics on ATAL and AI tools.	Newsletters (#)	0	2024	Newsletters sent to the teachers of the respective treatment group.	P	0	10	10	0	20	P	0	27500	27500	0	55000	Education	W2E	🚩
						P(a)	0	10	10	0	20	P(a)	0	27500	27500	0	55000			
						A	0				0	A	0				0			

Other Cost

Total Cost

	2024	2025	2026	2027	Total Cost
P		\$187,500.00	\$187,500.00		\$375,000.00
P(a)		\$187,500.00	\$187,500.00		\$375,000.00
A					

CRF Indicator

Standard Output Indicator