

QUESTIONNAIRE CONEXP014FLM

No. participant		
Group code	CON014	EXP014
Date		

Gradation (Likert scale)			
1	2	3	4
None	Few	Enough	Completely

Socioeducational dimension						
Variable	No.	Item	Choice	<input checked="" type="checkbox"/>		
Gender	1	Gender	Boy			
			Girl			
Age	2	Age	15 years			
			16 years			
			17 or more years			
Religion	3	Religion	Christian			
			Muslim			
			Jew			
			Hinduist			
			Atheist			
			Other			
Flipped use	4	Number of teachers throughout your educational stage who have employed flipped learning	0 – 1 teachers			
			2 – 3 teachers			
			4 or more teachers			
	5	Number of teachers throughout your educational stage who have used traditional methodology	0 – 1 teachers			
			2 – 3 teachers			
			4 or more teachers			
6	Do you know the methodological model of flipped learning?	Yes				
		No				
		Partly				
			Gradation			
			1	2	3	4
Preparation	7	Do you consider that your center is equipped with enough technological material to carry out innovative methodologies?				
	8	What is the degree of preparation of your teachers to use educational technologies in the classroom?				
	9	What is your degree of preparation to use educational technologies in the classroom?				
ICT use frequency	10	How often do you use classroom blogs in the general educational context?				
	11	How often do you use classroom blogs in the math course?				
	12	How often do you use programs to create didactic videos in general?				
	13	How often do you use programs to create videos in math?				
	14	How often do you use programs to create didactic podcast in general?				
	15	How often do you use programs to create podcasts in math?				
	16	How often do you use social networks in the general educational field?				
17	How often do you use social networks in the subject of mathematics?					

Attitudinal dimension						
Variable	No.	Item	Gradation			
			1	2	3	4
Motivation	18	How does the methodology you normally receive in the subject of mathematics contribute to your motivation?				
	19	How much has the methodology of this experience contributed to your motivation?				
Autonomy	20	How does the methodology you normally receive in the mathematics subject				

		contribute to your autonomy?				
	21	How much has the methodology of this experience contributed to your autonomy?				
Colaboration	22	How does the methodology you normally receive in the subject of mathematics contribute to group collaboration?				
	23	How much has the methodology of this experience contributed to group collaboration?				
Participation	24	How does the methodology you normally receive in the subject of mathematics contribute to your level of participation?				
	25	How much has the methodology of this experience contributed to your level of participation?				
Resolution	26	How does the methodology you normally receive in the subject of mathematics contribute to your ability to solve problems?				
	27	How much has the methodology of this experience contributed to your ability to solve problems?				
Class-time	28	How does the methodology you normally receive in the mathematics subject contribute to the use of class time?				
	29	How much has the methodology of this experience contributed to the use of class time?				

Mathematical dimension						
Variable	No.	Item	Gradation			
			1	2	3	4
Concepts	30	How does the methodology you normally receive in the subject of mathematics contribute to the knowledge of scientific language and mathematical concepts?				
	31	How much has the methodology of this experience contributed to your knowledge of scientific language and mathematical concepts?				
Scientific data	32	How does the methodology you normally receive in the subject of mathematics contribute to the use of data and scientific processes?				
	33	How much has the methodology of this experience contributed to your use of data and scientific processes?				
Graphics	34	How does the methodology you normally receive in the subject of mathematics contribute to the ability to analyze and represent graphs?				
	35	How much has the methodology of this experience contributed to your ability to analyze and represent graphs?				
Results	36	How does the methodology you normally receive in the subject of mathematics contribute to the ability to interpret and reflect results?				
	37	How much has the methodology of this experience contributed to your ability to interpret and reflect results?				
Decision	38	How does the methodology you normally receive in the mathematics subject contribute to your ability to make mathematical proficiency decisions?				
	39	How much has the methodology of this experience contributed to your ability to make mathematical proficiency decisions?				
						<input checked="" type="checkbox"/>
Ratings	40	What is your average grade in general?	0-4.9			
			5-5.9			
			6-8.9			
			9-10			
	41	What is your general average in the Mathematics subject?	0-4.9			
			5-5.9			
			6-8.9			
			9-10			
	42	What has been the grade you have obtained in the Mathematics subject after the development of the experience?	0-4.9			
			5-5.9			
			6-8.9			
			9-10			