

Tafnit for matriculation – Beduin schools 2003/4

The program included 11th-12th grade students from 6 high schools who were expected to fail the matriculation exam in math based on their school performance, while passing other matriculation exams. Passing their "obstacle" subject will enable these students to gain a bagrut (matriculation) certificate.

The participating schools were mapped to identify 11th-12th grade students for whom math was an obstacle subject. Additional students were included to complement the study group; these students had one or more other obstacle subjects, and so may not attain matriculation even after passing the math exam.

Schools and participants:

Locality	School	Students with math as an obstacle subject by grade		Additional students	Total students by grade		Total students
		11 th	12 th		11 th	12 th	
Hura	Amal	20	-	2	22	-	22
Kseifa	Makif	25	-	-	25	-	25
	Al-Farouk	19	-	6	25	-	25
Lakiya	Amal	12	10	2	12	12	24
Arara	Makif	24	-	-	24	-	24
Tel Sheva	Amal	20	-	4	24	-	24
Total		120	10	14	132	12	144
		130					

Summary of results:

Number of schools	6
Subject	Math 3 units
Number of participating students	144
Success rate in the math exam	100%
Final average mark	94.7
Dropout rate	-
Number of 12 th grade students who were expected to gain a bagrut certificate if they pass the math exam	10
Number of 12 th grade students who gained a bagrut certificate following the program	10
% of 12 th grade students who gained a bagrut certificate, compared to the prediction	100%
Number of 11 th grade students who were expected to gain a bagrut certificate if they pass the math exam	120

General results by school – participants, success rate and average final mark:

Locality	School	Grade	Started	Finished	Success rate	Average mark
Hura	Amal	11 th	22	22	100%	94
Kseifa	Makif	11 th	25	25	100%	97
	Al-Farouk	11 th	25	25	100%	97
Lakiya	Amal	11 th	12	12	100%	84
		12 th	12	12	100%	97.5
Arara	Makif	11 th	24	24	100%	98
Tel Sheva	Amal	11 th	24	24	100%	94
			144	144	100%	94.7

12th grade students gaining bagrut certificates from among the participants:

Locality	School	12 th grade students with math as an obstacle subject	12 th grade students who gained a bagrut certificate	% success compared to prediction
Hura	Amal	-	-	only 11 th grade students
Kseifa	Makif	-	-	only 11 th grade students
	Al-Farouk	-	-	only 11 th grade students
Lakiya	Amal	10	10	%100
Arara	Makif	-	-	only 11 th grade students
Tel Sheva	Amal	-	-	only 11 th grade students
		10	10	100%

Summary table 2003/4:

Locality	School	Students started	Students finished	Dropout rate	Passed the exam	Final mark	12 th grade students gaining bagrut	Passed the exam (%)
Hura	Amal	22	22	0	22	94	-	100%
Kseifa	Makif	25	25	0	25	97	-	100%
	Al-Farouk	25	25	0	25	97	-	100%
Lakiya	Amal	24	24	0	24	84	10	100%
Arara	Makif	24	24	0	24	97.5	-	100%
Tel Sheva	Amal	24	24	0	24	98	-	100%
		144	144	0	144	94.7	10	100%

Matriculation grades by school:

Locality	School	1 unit			2 units			3 units			3 units final average grade
		school grade	exam grade	difference	school grade	exam grade	difference	school grade	exam grade	difference	
Hura	Amal	99	98	-1	92	98	6	92	86	-6	94
Kseifa	Makif	98	99	1	96	98	2	95	96	1	97
	Al-Farouk	99	99	0	98	96	-2	92	98	6	97
Lakiya	Amal	98	100	2	97	95	-2	93	87	-6	84
		86	80	-6	69	65	-4	69	65	4	
Arara	Makif	99	100	1	98	97	-1	96	94	2	97.5
Tel Sheva	Amal	99	100	1	97	98	1	97	95	2	98
		97	95	-2	93	93	0	91	88	-3	94.7

Follow-up on students who participated in the program in 2002/3

Among the participants of the program in 2002/3 there were 95 11th grade students from 4 Bedouin localities for whom math was an obstacle matriculation subject, according to the mapping of January 2003.

These students graduated high school in 2003/4, and 79 of them (83%) gained a bagrut certificate following their success in the math exam through Tafnit.

Students in the program 2002/3:

Locality	School	Students with math as an obstacle subject by grade		Additional students	Total students by grade		Total students
		11 th	12 th		11 th	12 th	
Hura	Amal	15	*	8	23	-	23
Kseifa	Makif	20	*	5	25	-	25
Arara	Makif	18	*	4	22	-	22
Tel Sheva	Amal	17	*	8	25	-	25
Total		70	*	25	95	-	95
		70					

* Only 11th grade students.

11th grade students in the program 2002/3 who gained a bagrut certificate in 2003/4:

Locality	School	11 th grade students - target group	11 th grade students - additional	Passed the math exam	Students gaining bagrut from the target group		Students gaining bagrut from the additional group		% success of all the participants
					Students	%	Students	%	
Hura	Amal	15	8	23	15	100%	2	25%	73%
Kseifa	Makif	20	5	25	20	100%	2	40%	88%
Arara	Makif	18	4	22	18	100%	1	25%	86%
Tel Sheva	Amal	17	8	25	17	100%	4	50%	84%
		70	25	95	70	100%	9	35%	83%

Students who gained a bagrut certificate from among the participants in 2002/3:

Locality	School	11 th grade students in 2002/3	12 th grade students in 2003/4 from among the participants in 2002/3	12 th grade students gaining a bagrut certificate	% students gaining bagrut certificate from among all the participants 2002/3
Hura	Amal	23	23	17	73%
Kseifa	Makif	25	25	22	88%
Arara	Makif	22	22	19	86%
Tel Sheva	Amal	25	25	21	84%
		95	95	79	83%