

MATANEL FOUNDATION

ACTIVITY REPORT

Program: *Matanel*

Year: 2017-2018

Please present your activity report according to the following lines. The whole rapport will not exceed 2 or 3 pages (as word document).

Name of the Program: "Charedi Science Center"

Year of activity: **2017-2018**

Name of the report's writer: Emily Bernstein Golan

Function of the report's writer: Academic manager

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Number of active participants in the program: 328

Lesson	Topic	students	class	school
Interaction and forces	Physics	41	8 th grade	Pnei-Meir
Energy Conversions				
Energy Conversions	Physics	48	8 th grade	
Science Park and Museum				
Energy Science Park	Physics	40	12 th grade	Ohel Avraham
Food Chemistry	Chemistry			
Electricity in the heart	Medicine	9	8 th grade	Hesed v Rahamim
Energy Conversions	Physics			
Electricity in the heart	Medicine	13	7 th grade	
Energy Conversions	Physics			
Interaction and forces	Physics	12	11 th grade	Tifeeret Tmimim - chabad
Electricity in the heart	Medicine			
Interaction and forces	Physics	12	12 th grade	
Electricity in the heart	Medicine			
Food Chemistry	Chemistry	34	7 th grade	Beit Margalit
Park Energy Conversions	Physics			
Food Chemistry	Chemistry	37	8 th grade	
Park Energy Conversions	Physics			
Food Chemistry	Chemistry	12	8 th grade	

Park Energy Conversions	Physics			
Respiratory system	Medicine	10	10 th grade	Bnei Akiva Yeshiva - Netanya
Nervous System	Medicine			
Energy Conversions	Physics	30	7 th grade	Bnei Akiva Yeshiva – Givat Shmuel
Science Park and Museum				
Energy Conversions	Physics	30	8 th grade	Bnei Akiva Yeshiva – Givat Shmuel
Science Park and Museum				
		328		

Estimated number of impacted participants: 328

Give the actual state of the program (where the program stands at the date of the activity report, no more than ten lines):

The program worked for a year, during the year we turned to Orthodox schools and interested them in the various science programs we have in Technoda. We did gender adjustment between the groups that came to the Technoda and their instructors. All the children came to two sessions. The meetings dealt with topics such as Chemistry, Physics and Medicine. In this process we saw how significant this program is to children from Orthodox schools. We started planning next year and locating the schools and children that we hope would join the program next year.

The main achievements during the last year of activity (main achievements, number of events, number of participants, etc.):

The main achievement in the Charedi Science Center program is that we got to reach children that usually don't consume scientific contents. The field of science is an area that is not emphasized and almost not exists in the various Orthodox educational frameworks. The number of participants was very impressive and stood at 328 children. There were a total 656 activities in the project.

The evaluation (methodology, results, comparisons with the precedent year, conclusions for the future...):

The assessment was based on feedback from students who participated in the project and were asked to fill out a questionnaire. The questionnaire had examined the following topics:

1. How was the learning experience in Technoda?
2. Did they enjoy the activity?
3. Have they learned new topics?
4. As a result of this project, will they consider studying one of these topics in the future?

The results of the questionnaire presented in the attached report.

The data obtained from the questionnaire results indicate a positive trend. The evaluation results indicate exposure to new subjects, a learning experience that is

different from what they are exposed to in day-to-day studies and a scientific orientation following the visits to Technoda. We recommend continuing to expand this program in the coming years.

Provisional guide lines for the advancement of the program in the next year:

Towards the upcoming year we are interested in:

1. Appealing to new audiences who have not yet experienced the unique learning as we offer.
2. Reaching again to those who visited us last year and continue the learning process.
3. Making more assessments that will enable us to learn more and develop.

Please join the Evaluation Report, the Financial Report and the list of the participants to the program (**as PDF documents**)

Please join photos – as **JPG files** – and any link or any other document connected to the program which will seem to you relevant – as **PDF document**.

Please join a 5 minutes movie which presents your institution and the particular project supported by the Matanel Foundation. The movie should be accessible to the philanthropic world and to other potential donors.