

MATANEL FOUNDATION

ACTIVITY REPORT

Program: *Matanel*

Year: 2018-2019

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

Name of the Program: "Charedi Science Center"

Year of activity: **2018-2019**

Name of the report's writer: Emily Bernstein Golan

Function of the report's writer: Academic manager

Mail: emily@technoda.org.il

Phones: 046333505

Website / Facebook address of the organization: <http://technoda.org.il/>

Number of active participants in the program: 378

| Name of lesson | General Subject | No. of Students | grade | Name of School |
|-----------------------------------|-----------------|-----------------|-------|----------------|
| Life on the road | Medicine | 15 | 11th | Hadera Yeshiva |
| Physics in amusement park | Physics | | | |
| Life on the road | Medicine | 22 | 12ve | |
| Physics in amusement park | Physics | | | |
| Artificial respiration | Medicine | 90 | 7th | AMIT Tiberias |
| cosmetics | Chemistry | | | |
| Heart catheterization | Medicine | 48 | 8th | |
| Food Chemistry-Molecular Cooking | Chemistry | | | |
| Fluid of life | Medicine | 60 | 9th | |
| Science in the service of the law | Chemistry | | | |
| Food Chemistry-Molecular Cooking | Chemistry | 50 | 9th | Or Hanna |
| See the voice | Physics | | | |
| Science in the service of the law | Chemistry | 40 | 10th | |

| | | | | |
|----------------------|----------|-----|------|-------------------|
| See the voice | Physics | | | |
| מוסר כליות | Medicine | 18 | 11th | Ulpana Ort Elkana |
| Brain under pressure | Medicine | | | |
| Smoking damages | Medicine | 17 | 9th | L'horot Natan |
| See the voice | Physics | | | |
| Smoking damages | Medicine | 18 | 8th | |
| See the voice | Physics | | | |
| | | 378 | | |

Estimated number of impacted participants: 378

Give the actually 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.

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 378 children.

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:
- Have you learned anything new in the workshop today?
- Has the lesson increased your scientific knowledge?
- Was learning in the classroom enjoyable?
- Did the lesson make you think about science in a more positive way?
- Following today's program, would you consider engage in science in the future?

- Rate the lesson in general

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.