



Center for  
Cooperation and Advancement  
(CCA)

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Survey "YOUNG ENGINEERS" class 2012

Summary

Parents' and children's evaluations of the class were very high: 93% of the children were satisfied or very satisfied with the class.

The class is considered to be "elite", and it is very popular. Children come from far away to attend.

With regard to achievements, no difference was found between children from high and low socio-economic status localities. The vast majority of children had high achievements.

The children who register for the class have high scholastic achievements and high levels of universal knowledge: 88% of the students attending the class have grades in math ranging from 85 to 100.

Among approximately one-third of the children, a correlation was found between participation in the class and their grades in school. In general, the children attending the class are "successful" or "outstanding" students in school.

Besides learning how to build models, 81% of the children attending the class learn how to organize their day more efficiently.

Among 18% of the students, a correlation was found between participation in the class and how they go about their daily lives.

42% of the students indicated that the class makes them think about things they would like to do when they grow up.

The instructor is usually a role model, and plays a key role in the success of the class.

The instructors in the class are highly motivated to succeed, and have a high level of universal knowledge.

The instructors are selected on the basis of their personal suitability for the class, according to several parameters that were selected.



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Most of the students in the class (53%) believed that participation in the class helps them in school in subjects such as mathematics, geometry, and music.

Participation in the class helps the children succeed in school. For children in the lower grades, the class provides an infrastructure of basic knowledge that enables them to comprehend the material that they will learn in sciences and mathematics in the higher grades. Thus, future achievements in sciences and mathematics will be higher for students who participated in the class.

The children who participated in the class had higher grades in sciences and mathematics: 54% of the participants in the class received grades ranging from 85 to 100 in these subjects.

89% of the students learn to make more constructive use of their time as a result of their participation in the class.

The class helps students develop skills for creative thinking. It also contributes to the development and implementation of personal abilities as well as to making decisions under pressure, logistic thinking, and planning.

Every lesson results in a product: every child succeeds in constructing a model. This gives the children a sense of success and satisfaction with their own abilities. The result is personal empowerment and development of self confidence among all of the children who have participated in the class.

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