

## **100CECCA: KNOWING, STUDYING AND COOPERATING IN SCIENCE TO LEARN**

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### Introduction:

100CECCA Project is an ongoing research that integrates an international and multidisciplinary team of teachers, pedagogues and students. It begins with the (re)knowledge of the possibility of other ways of learning and other perspectives for the realization of the teaching work. We tried understanding these facts, with the young students, from listening, creating dynamics, proposed challenges, observation and dialogues. In this project, the goal was a continuous improvement of the learning Sciences, without being “boredom”. It’s a pioneering work because the students participated voluntarily, taking an active role as young researchers.

### Objectives:

This exploratory research was guided by: To develop the curious spirit and the taste for "knowing more" in Sciences; To educate young researchers; Cooperate in a network of learning in Science/Mathematics; To form a voluntary community of peers in learning.

### Method:

We applied an electronic questionnaire with open and short answer questions, using the Likert scale, obtaining 99 responses, which were then analyzed. Also, we created a sequence of some focal dialogues with 15 students.

### Results:

We obtained very interesting results, namely in answering the question “How do you learn Sciences better?” i.e.: when students realize what teachers explain; with practical classes and exercises; with autonomy for their learning; no fear of taking over and making mistakes; joy in the experience of learning with meaning.

### Conclusions:

One of the facts that we find most interesting is the existence of a symmetry between the results of the disciplines more and less liked. Considering that this project was an exploratory investigation, this data could be the subject of a new study.