

Consent Form

"Creating a curiosity map at school"

This consent form is for **yours** and your **child's** participation in the research.

You and your child have been asked to participate in a study conducted by Dr. Goren Gordon, director of the Curiosity Lab at the Faculty of Engineering at Tel Aviv University.

Study Purpose: The purpose of the study is to understand the social factors that influence the student's curiosity as well as test a quantitative digital curiosity assessment tool for students in elementary schools.

Research Procedure: The research will involve gathering data from parents of elementary school students, the teachers of these students, and the students themselves from various schools across the country. The data collection will consist of the following components:

- **Parents:** Parents will be requested to complete two questionnaires. The first questionnaire will focus on their own curiosity, while the second will be similar but directed towards assessing their children's curiosity.
- **Teachers:** Teachers will also be asked to complete two questionnaires. The first questionnaire will pertain to their own curiosity, and the second questionnaire will be filled out individually for each of their students to gauge the curiosity levels of the students.
- **Students:** Students will participate in the research by engaging in four computer games that have been developed by our research team. These games will serve as tools to evaluate their levels of curiosity.

Potential Risks: This study involves collecting identifying data from all participants, including students, parents, and teachers. This data is necessary for cross-referencing information from parent and teacher questionnaires with student game data, and essential for creating a comprehensive "curiosity map" centered around students.

Therefore, in this study the main risks are preservation of privacy of the subjects, and all necessary processes will be taken to preserve this privacy, including data encryption, data storage, secure computers, and limiting the accessibility of the data only to the study managers.

Potential profits: a direct profit for students is a fun and innovative learning experience; Profit for parents is a renewed perspective on their curiosity and the curiosity of their children. The profit for the company is understanding the processes and factors influencing the curiosity of the school students. In addition, computerized activity sheets will be given to parents and their children to re-evaluate curiosity in a new way.

I would like to mention several other important points:

- a) The conduction of this research was approved by the Office of the Chief Scientist at the Ministry of Education (may be reviewed upon request).
- b) I signed a written commitments to the Ministry of Education that:
 - The identified data that will be collected will be used for this study only.
 - Apart from the research team, no party will be allowed access to the data in its raw format (not even the school staff or the parents of the students being tested).
 - All identified data that will be collected for the purposes of the research will be kept by me in a locked room, and access to the data in its raw form will not be allowed to anyone other than the research team (not even the school staff or the parents of the students being tested).
 - I will permanently omit the details that enable the identification of the data immediately upon completion of the processing required for the purposes of the research, and in any case no later than the date 12.31.2023, whichever is the earlier date.
 - The publication of the research findings will be carried out in such a way that it will not be possible to identify the subjects or the educational institution in which they were collected.

Before the beginning of the data collection, I will make it clear to all the students whose parents have agreed to their participation in the research, that there is no obligation to participate in the research, and that everyone who chooses to participate in it has the right to withdraw at any stage they choose, without causing the students any harm as a result of their decisions.

If you are interested in receiving more information about the research program, you can contact me by phone: 03-6408422 or by email: gorengor@post.tau.ac.il

I would be very grateful if you would agree to your participation as well as your son's/daughter's participation in the study.

Consent form for participation in the study

I hereby declare that I approve my child's participation in the research on creating a curiosity map at school;

- a. I hereby declare that I was given a detailed explanation of the research in understandable and non-professional language.

- b. I am free to choose that my child will not participate in the research and I am free to stop his/her participation at any time, without infringing his/her rights, without harming him/her, and without any sanction being taken against him/her.
- c. I am guaranteed confidentiality regarding the personal identity of my children in scientific publications.
- d. I am guaranteed a willingness to answer questions that will be raised by me and the possibility of consulting an additional party regarding making a decision to participate in the research or to continue it.

The data that will be collected during the research will be used by the research team only. Identifying details about the study participants will never be published. For any question, you can contact the principal investigator, Dr. Goren Gordon (Department of Industrial Engineering, Tel Aviv University), at any time, by phone: 03-6408422, or by email: gorengor@post.tau.ac.il.

I hereby declare that I gave my consent of my own free will and that I understood all of the above.