

Information to parents about the school's participation in the 1+1 project

Your municipality participates in the research project 1+1: Small Group Instruction in Mathematics for Pupils Level 2-4. 160 schools from 10 Norwegian municipalities, geographically spread across the country, are participating in the project. The purpose of the project is to investigate whether students' abilities in mathematics improve when schools receive additional teachers so that mathematics can be taught to small groups of 4-6 students for parts of the school year. The project is funded by the Norwegian Research Council and is carried out in cooperation between three research institutes: Nordic Institute for Studies in Innovation, Research and Education (NIFU), Centre for Economic Research (SØF) and Institute for Social Research (ISF).

As part of the project, short tests in mathematics will be administered in the beginning and end of each school year to observe the change in students' abilities in mathematics during the school year. Students will also be asked about their learning environment. The tests will help teachers give each student individualized education in mathematics. The project will also obtain results from national tests in grades 5 and 8, as well as grades in grade 10. Some of the schools will be visited by researchers during the project period who will talk with math teachers and observe teaching.

For the project, it will be important to be able to link test results using an identification number for each student. The project will combine information about parents' education, gender and immigration status (country of birth) for students and parents. This information is gathered from Statistics Norway's population registers.

Linking results from various tests and combining these data with data from the population registers require active consent from parents/guardians. The project will provide valuable information about how to improve the quality of Norwegian schools. We therefore hope that you are willing to provide consent.

What happens to information about students?

All information will be treated confidentially. Only researchers in the project will have access to the information. The data is stored in a secured area, which only project participants have access to, via password. Students and schools are anonymized in the analyses. This means that no students or schools will be recognizable in publications resulting from the project.

The project will end 07/31/2021. Data will be maintained in their original form until 12/31/2025. After that the data will be anonymized. Data collection is approved by the Data Protection Official for Research at the Norwegian Centre for Research Data (NSD).

Voluntary participation

It is voluntary to participate in the study, and you can at any time withdraw your consent without specifying the reason. If you withdraw, all person information about you and your child will be deleted. The decision to participate or not will not have any impact on your child's education.

For more information about the 1+1 project, see our website: <http://1pluss1prosjektet.no/en>.

Thank you in advance for your contribution to this project!

Sincerely

Vibeke Opheim
Project Manager

Consent

I have received information about the project and consent to my child participating.

It is of great help to us if you can fill out your child's and the school's name with
CAPITAL LETTERS.

The child's name: _____

School name: _____

Parent Signature: _____

(Deliver this form to the school. It can also be sent by MMS/SMS to the school).