# Parent/Guardian Information Sheet: Primary Cohort Study

We are inviting all children in Reception at your child’s school to take part in research into how children learn mathematics at primary school. The study will support our knowledge of children’s feelings about maths including how much they enjoy it at school. This sheet tells you about the study. Please read it carefully and talk about it with your child. Their teacher will also talk to the class about it.

## Who is conducting the study and why?

The Observatory for Mathematical Education is based in the School of Education at the University of Nottingham. It identifies trends in mathematics learning, experiences and attitudes from Reception to university maths.

## Why are we doing the study?

Knowing how children experience maths teaching and how confident they feel with maths, will help us to advise schools and policy makers about what to do to support all pupils to learn maths effectively.

## How does the study work?

* This is a small study with six schools. What we learn from the pupil responses will help us amend the survey questions before we use them in a larger study with 200 schools next year.
* A teaching assistant or other adult working in school will work with your child to do a 2-minute activity about numbers and to ask them some questions about what they do at school in maths and how much they enjoy maths. The questions have three answers to choose from and your child will be asked to move a toy to show their answer.

## What information is being collected about my child?

We will ask the school to share a list of children in Reception with us. Your child’s name, date of birth and unique pupil number will be on this list so that we can send the question sheets to school for the pupils and so that we can make links to existing records about pupils in England. The question sheets will have a barcode on to help us organise the sheets, so we can avoid them getting mixed up. The school will put all the sheets into an envelope which is sent to a data processing plant where automatic scanners (like National Lottery machines) record the answers before the question sheets are then shredded. This means that the children’s answers can be sent to us digitally and securely, without any names.

You can choose for your child not to participate in the research. To do this, you need to complete the form in the letter that your child’s school sent to you. If you are unable to find this, email [mathsobservatory@nottingham.ac.uk](mailto:mathsobservatory@nottingham.ac.uk) and we will reply with a link to the form. If you complete the withdrawal form, we will not send a survey sheet to the school for your child to complete and we will not retain their pupil number or date of birth. We will keep a secure record of their name to process and quality assure the withdrawal.

You can also withdraw your child from the study at any time up to the 1st August, 2024 and we will delete their answers from our database. If you withdraw your child after this date, we will be able to delete them from the class list but their anonymous answers may still be included in any publications, reports or presentations that are already in progress.

## What happens to the information collected for the study?

We store the data securely in a SharePoint site that is only accessible to the research team. The class list data will be deleted as soon as possible after the survey data has been processed and anonymised. The anonymised survey data will be stored for a minimum of 14 years and then deleted if no longer in use.

## How are we ensuring GDPR compliance?

We are processing personal data based on Article 6(1)(e) of UK GDPR in which processing is legal as it has a basis in public interest. Further details of how we ensure compliance with GDPR are provided in the [Privacy Notice](https://www.nottingham.ac.uk/education/observatory/documents/privacy-notice-cohort-studies.pdf).

## Where will the research be published?

We will publish the research in reports, articles and presentations. No child, teacher or school names will be included in these publications.

## Where can I find out more information?

If you have questions about the research, contact [mathsobservatory@nottingham.ac.uk](mailto:mathsobservatory@nottingham.ac.uk)

If you have concerns or a complaint, contact [educationresearchethics@nottingham.ac.uk](mailto:educationresearchethics@nottingham.ac.uk)