

The TALIS Video Study is a pioneering, international study, which seeks to improve understanding of which aspects of teaching are related to pupil learning, and the nature of those relationships.

The study, which is being led by the Organisation for Economic Co-operation and Development (OECD), will focus particularly on the teaching of mathematics in secondary schools.



Over approximately one year, more than 750 mathematics teachers in nine countries (including England) will be filmed as they teach quadratic equations. The study will provide a valuable opportunity to explore how teachers teach in different countries and contexts.

Are you interested?

We will be recruiting schools for the TALIS Video Study from April 2017 onwards. Data collection will begin in October 2017.

If your school is interested in being involved or if you have any further questions, please contact TALISvideostudy@educationdevelopmenttrust.com

Also for more information on the OECD TALIS Video Study, see www.oecd.org/edu/school/TALIS-2018-video-study-brochure-ENG.pdf

'It's a really exciting opportunity to be part of a major international study of mathematics teaching. The use of video and supporting data will give a rich picture of a variety of practice, and hopefully point to some best practice that we can incorporate into our teaching at the school.'

I'm particularly pleased that the study will not be about ranking different countries, and so policy makers will have space to consider the context of teaching and learning in different countries.

I'm looking forward to being part of the process, and giving our students the chance see researchers at work - I think it will add a lot of weight to their learning.'

Conor McKenna, Ralph Allen School

The TALIS Video Study



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What will happen during the TALIS Video Study?

The study will involve all nine countries collecting and analysing the following data from up to 85 schools each:

- 170 videos of the teaching of quadratic equations
- pupil performance on bespoke tests
- pupil perceptions of mathematics teaching and their own mathematics related performance
- teacher perceptions of mathematics teaching
- classroom artefacts used in the teaching of quadratic equations.

Which countries are involved?

- Japan
- Chile
- Mexico
- Colombia
- Spain (specifically Madrid)
- United States
- China (specifically Shanghai)
- Germany
- England

England's involvement is being managed by Education Development Trust working on behalf of DfE and in partnership with Oxford University.



What is the relationship to TALIS 2018?

The OECD Teaching and Learning International Survey (TALIS), which typically runs every five years, asks teachers and Head Teachers about their teaching practices and working conditions. This is the first year for the TALIS Video Study, which will

explore teaching practices only and specifically in relation to mathematics. Both teachers and pupils will be asked to complete surveys and the study will uniquely offer greater insight into classroom practice through the use of video.

How can schools help?

The TALIS Video Study team is looking to recruit a minimum of 85 secondary schools for data collection during the academic year 2017 - 2018. We will need one mathematics teacher from each school and at least fifteen year 9 or 10 pupils (that's upwards of 1,200 pupils in total) to participate. It is only through the willingness of schools and teachers to be involved that we can collect enough data to draw meaningful conclusions for England and to contribute to the international aspect of the study.

'Queen Elizabeth school is ecstatic to be asked to be included in this international study. We have found it works well with current research into new mathematical techniques that the school is already participating in.'

Charlotte Larrington-Vandy, Queen Elizabeth's School Dorset

What are the benefits of the TALIS Video Study to schools and pupils?

By agreeing to participate in the TALIS Video Study, your school will be informing important international work and helping to improve teaching quality all over the world. You will potentially be influencing the educational success/life chances of many pupils of maths and also:

- inspiring future generations of teachers
- assisting teachers new to the profession
- supporting existing teachers in their professional learning
- helping to inform important policy discussions about mathematics teaching

In return for participating in the study, your school will have access to:

- An 'Oxford Lecture' video showing how to use lesson observation as a research method
- A series of short reports on key aspects of the research findings
- A resource pack detailing how to use the research findings for CPD in schools.

The role of the Study Lead

The research team at Education Development Trust will fully support all aspects of data collection at schools who agree to be involved in the TALIS Video Study project. In order to facilitate this process, schools will be asked to nominate a Study Lead from within their mathematics department. The Study Lead will act as the main point of contact between the school and the research team. They will support the promotion of the study within the

school particularly to parents and colleagues within the mathematics department. Study Leads will also work with the research team to ensure they have details of the relevant mathematics teachers and classes working with either year 9 or year 10 students as required. This information will then support the selection of appropriate teaching staff and their classes to participate in the study.

