

Privacy Notice for Participant Families (Years 3 and 4)

Evaluation of Primary Science Quality Mark

About the trial

The information is about the PSQM trial, a research and evaluation project looking at the impact of Primary Science Quality Mark (PSQM)¹ in the 2018/19, 2019/20 and 2020/21 academic years. PSQM is an accreditation programme aimed at improving school-wide science teaching and raising the profile of science in primary schools through: (i) effective science leadership and (ii) supported school self-evaluation. Existing qualitative research suggests that PSQM can benefit schools in multiple ways, such as contributing to raising the profile of science in primary schools and providing schools with a framework and professional support for developing science leadership, teaching, and learning.

Who is involved in this process?

Delivery Team

The Primary Science Quality Mark team is based at the University of Hertfordshire.

Evaluation Team

RAND Europe is a not-for-profit research organisation that helps to improve policy and decision making through research and analysis.

Assessment Implementers

The National Foundation for Educational Research (NFER) is a centre for educational research and development in the UK.

Funders

The Education Endowment Foundation (EEF) is an independent charity dedicated to breaking the link between family income and educational achievement. Wellcome Trust is an independent charity supporting science education in the UK

Why will data be collected from your child?

The aim of this trial is to evaluate the effects of the PSQM programme on pupil outcomes in science by measuring pupil science attainment and attitudes following the intervention period. In addition, the trial explores how science teaching practices and attitudes are influenced by PSQM.

The results of this research will make an important contribution to understanding what works in primary science teaching and learning. By participating in the trial, schools contribute to furthering our knowledge on strategies for whole-school improvement in science teaching and learning.

¹ <http://www.psqm.org.uk/what-is-psqm>

What personal data will be collected, how, and what will it be used for?

Personal data means any information about an individual from which that individual can be identified. The Evaluation Team will collect, use, and store this personal data for each child in the trial. Data will be collected by the Evaluation Team and Assessment Implementers and analysed by the Evaluation Team. Outcome data will be matched with the National Pupil Database. After anonymisation, data will be shared with the EEF for archiving. No individual school, staff member, parent, or child will be identified in any report arising from the trial. The trial will undergo ethical review from the RAND Human Subjects Protection Committee and the University of Hertfordshire. The intervention will not commence until approval is received.

If parents choose to withdraw their children from the trial their data will not be collected.

Data collected from children				
Data (what will be collected?)	Who will collect the data?	Receiver or Permitted recipient	Purpose (what will the data be used for?)	How do we collect the data?
Pupil data provided by the schools: <ul style="list-style-type: none"> - Administrative pupil data for all Year 3 and 4 pupils in academic year 2018-19 to be requested from schools: - First name, surname, Unique Pupil Number (UPN), Free School Meal status, Date of birth, Gender, English as an Additional Language (EAL). - Children's names from withdrawal forms for families that wish to withdraw children from the trial 	University of Hertfordshire (Data processor)	RAND Europe (Data controller)	Matching pupil records; independent assessment of impact of intervention on outcomes; withdrawal; academic publications	Electronic data transfer
		EEF (Data controller) and EEF archive (Data processor)	Long-term follow-up analyses and archiving of the data. EEF becomes data controller once the data has been transferred to the EEF Data Archive, but is not data controller until this has happened.	
Pupil data provided by parents who do not wish their children to participate: <ul style="list-style-type: none"> - Children's names from withdrawal forms for families that wish to withdraw children from the trial 	RAND Europe (Data controller)	RAND Europe (Data controller)	Withdrawal	Electronic data transfer
Pupil data from the National Pupil Database: <ul style="list-style-type: none"> - Baseline attainment data from Key Stage 1 and/or Early Years (SPAG) 	RAND Europe (Data controller)	RAND Europe (Data controller)	Independent assessment of impact of intervention on outcomes, academic publications	Electronic data transfer
		EEF (Data controller) and EEF archive (Data processor)	Long-term follow-up analyses and archiving of the data. EEF becomes data controller once the data has been	

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Pupil outcome data collected for the evaluation: - Pupil science attainment - Pupil attitudes to science	RAND Europe (Data controller) (sub-contracted to NFER as Data Processor)	RAND Europe (Data controller)	Independent assessment of impact of intervention on outcomes, academic publications	Paper forms, sent by secure mail
		EEF (Data controller) and EEF archive (Data processor)	Long-term follow-up analyses. EEF becomes data controller once the data has been transferred to the EEF Data Archive, but is not data controller until this has happened.	

How will the data be shared?

Data will be shared securely using specialised software (*Syncplicity*). No data will be saved on servers or shared with processors outside the European Economic Area or UK.

Pupil names will be shared with NFER to enable them to collect data. For the purpose of research, following the completion of the trial, the data will be shared with the EEF archive who will act as the data controller. You can read more about the EEF archive [here](#). The data will be shared with the Department for Education, the EEF's archive manager and, in an anonymised form, with the Office for National Statistics and potentially other research teams.

How will the data be kept secure?

The Evaluation Team have put appropriate security measures in place to keep personal data secure and to prevent any unauthorised access to or use of it. The Evaluation Team will collect and store all evaluation data in accordance with the Data Protection Act (1998) and GDPR (General Data Protection and Regulation) requirements that came into effect on 25th May 2018. Evaluation data will be stored on secure servers. Data transferred between the delivery and evaluation teams will be encrypted or use secure file transfer protocols.

What is the legal basis for processing your child's data?

The data collected for the PSQM trial is used for the purposes of research. The lawful basis for RAND Europe's use of that data under the GDPR is the 'legitimate interest'. We give parents an opportunity to withdraw their children from the trial, but this is done for ethical reasons, rather than as a basis for processing of the data.

The Evaluation team will use the basic identifiers (name and date of birth) to associate information with individuals to create datasets and that use will not affect the rights and freedoms of the children because this information will not be publicly connected to any other information. The Free School Meal (FSM) status and attainment data will not be publicly available in association with the basic identifiers and therefore no risk of detriment exists to the children. The FSM status and attainment data will be linked to the UPN in the EEF archive which is available upon application. Association of the child with their UPN is considered to be unlikely and therefore a low risk exists of any detriment to the children.

How long do we keep your child's data?

Research data (not sensitive/personal data) will be kept securely by RAND Europe for the duration of the trial. Additionally, anonymised pupil data collected by the University of Hertfordshire, RAND Europe and sub-contractor will be entered into the EEF's data archive at the end of the trial. If follow-up studies are conducted in the future to evaluate intervention long-term effects, pupil outcome data from subsequent external assessment will be linked with the NPD data. The EEF archive will be responsible for all management and security of the anonymised trial data.

What choices do you have in our use of your child's data?

During or after the intervention, participants may contact RAND Europe to request deletion of their personal data.

What are your rights?

RAND Europe operates in accordance with UK and EU law including GDPR. You are provided with certain rights that you may have the right to exercise through us. In summary those rights are:

- To access, correct, or erase your data
- To object to the processing of your data

If you wish to exercise any of these rights please contact the RAND Europe Data Protection Officer by email at REdpo@rand.org or in writing to Data Protection Officer, RAND Europe, Westbrook Centre, Milton Road, Cambridge, CB4 1YG, UK.

Where you request information from us we will need to confirm your identity to ensure the security of your data. We will endeavour to respond within 30 days but our response time may vary depending on the complexity of your request. A fee will not normally be charged unless a request is considered to be without basis, repetitive, or excessive. Where we request a fee it shall always be reasonable.

How can you contact the Evaluation Team?

You may contact the Evaluation team with any questions via email or phone:

RAND Europe: Hannes Jarke - psqm@rand.org, 01223353329

You may also contact the Education Endowment Foundation with any questions about the EEF archive: info@eefoundation.org.uk