



### Information sheet for participants

<b>Study title:</b>	Comparative Judgement
<b>Principal Investigator:</b>	George Kinnear
<b>Researchers collecting data:</b>	Alannah Hart, Shidi Hu, Anna McCourt, Jack Young, Rachel Vickerman

**What is this document?** This document explains what kind of study we're doing, what your rights are, and what will be done with your data. You should keep this page for your records. After you read this, continue to the next page.

**Nature of the study.** You are about to participate in a study which involves comparing the understanding of students based on their summaries of a given proof. This comparison will either be a comparison of two scripts chosen at random; the comparison of two scripts, one of which you've seen before; or the ranking of five different scripts from best to worst. Your responses will be recorded in order to gain insight into the effectiveness of these methods of comparative judgement for mathematical education. Your session should last for **up to 25 minutes**.

**Risks and benefits.** There are no known risks to participation in this study. There are no tangible benefits to you, however you will be contributing to our knowledge about comparative judgement in mathematics.

**Confidentiality and use of data.** All the information we collect during the course of the research will be processed in accordance with Data Protection Law. In order to safeguard your privacy, we will never share personal information (like names, emails or dates of birth) with anyone outside the research team. Your data will be referred to by a pseudonym rather than by name. We will store any personal data (e.g. email addresses) using the University of Edinburgh's secure encrypted storage service (SharePoint). The anonymised data collected during this study will be used for research purposes.

**What are my data protection rights?** The University of Edinburgh is a Data Controller for the information you provide. You have the right to access information held about you. Your right of access can be exercised in accordance Data Protection Law. You also have other rights including rights of correction, erasure and objection. For more details, including the right to lodge a complaint with the Information Commissioner's Office, please visit [www.ico.org.uk](http://www.ico.org.uk). Questions, comments and requests about your personal data can also be sent to the University Data Protection Officer at [dpo@ed.ac.uk](mailto:dpo@ed.ac.uk).

**Voluntary participation and right to withdraw.** Your participation is voluntary, and you may withdraw from the study at any time and for any reason. If you withdraw from the study during or after data gathering, we will delete your data and there is no penalty or loss of benefits to which you are otherwise entitled.

If you have any questions about what you've just read, please feel free to ask, or contact us later. You can contact us by email at [s1750926@ed.ac.uk](mailto:s1750926@ed.ac.uk). This project has been approved by the School of Mathematics Ethics procedure. If you have any concerns regarding your own rights as a participant, you can contact the project supervisor, George Kinnear ([G.Kinnear@ed.ac.uk](mailto:G.Kinnear@ed.ac.uk)), or the Deputy Director of Research, Arend Bayer ([arend.bayer@ed.ac.uk](mailto:arend.bayer@ed.ac.uk)).

If you have any questions about what you've just read, please feel free to ask them now.

Thank you for your help!

**Commented [A1]:** Note to researchers:

You can edit this form to suit your study. However, please retain the text that is highlighted yellow. Please remove this highlighting before submitting to the ethics committee.

Please ensure that the "What is this study about" section will be understandable to participants.

This page (Information sheet) is for the participant to keep.

The next page (Participant consent and agreement for data usage) is for your records.

**Commented [A2]:** For student work, this is the Supervisor.

**Commented [A3]:** i.e., DataShare.

If you want to store data in the cloud, this is strongly recommended, as most other cloud-based storage services are not GDPR-compliant.

Otherwise, could say something like "a password protected, encrypted hard drive/laptop".

**Commented [Au4]:** change to say that we do not ask for or collect any personal information