



Information sheet for participants

Study title:	Exploring Thought Processes in an Inductive Reasoning Task
Principal Investigator:	Neil Bramley (neil.bramley@ed.ac.uk)
Researchers collecting data:	Talia Charara (t.h.charara@sms.ed.ac.uk), Qiqi Xiang (q.xiang-3@sms.ed.ac.uk), An-Chi Chen (a.chen-28@sms.ed.ac.uk)

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 print this page for your records.

Nature of the study. You are invited to participate in a study which explores how people reason through visual patterns. You'll be asked to look at a series of abstract scenes and speak your thoughts aloud as you try to work out an underlying rule. Your responses will be audio recorded for later transcription. Your session should last up to 20 minutes. You will be given full instructions shortly.

Compensation. You will be paid £5 for your participation in this study.

Risks and benefits. There are no known risks to participation in this study. Other than the payment mentioned, there are no tangible benefits to you; however, you will be contributing to our knowledge about people's reasoning thought processes.

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 with anyone outside the research team. We will temporarily collect your Prolific ID to manage participation and avoid duplicate submissions. This ID will not be stored alongside your study data and will be deleted after data processing. Your anonymised study data will be labelled using a separate unique participant number, which will not be linked to any personal information. This participant number will be given to you at the end of the study and should be retained in case you wish to request the withdrawal of your data.

We will store any personal data (e.g., audio recordings) using the University of Edinburgh's secure encrypted storage services. Audio recordings will only be stored if you complete the study. If the study is completed, the audio recordings will be deleted once they have been transcribed. Any data collected will be used solely 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. Questions, comments and requests about your personal data can also be sent to the University Data Protection Officer at 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. There is no penalty if you choose to withdraw from the study before completion; however, please be aware payment will not occur. If you withdraw from the study 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 t.h.charara@sms.ed.ac.uk. This project has been approved by PPLS Ethics committee. If you have questions or comments regarding your rights as a participant, please contact the School Research Ethics Convenor at or ppls.rec@ed.ac.uk.

By accepting this HIT, you consent to the following:

1. **I agree to participate in this study.**
2. I confirm that I have read and understood **how my data will be stored and used**.
3. I understand that I have the **right to terminate this session** at any point. If I choose to **withdraw after completing the study**, my data will be deleted at that time.