

Dear <twin forename>,

We have created a short (approximately 15 minute), novel online activity which we hope that you will find interesting.

We are very excited about this novel activity which is being launched to TEDS twins before anyone else. The plan is for many other important scientific studies worldwide to roll it out to their participants in the future. You saw it here first!

We do not have the budget this time to reward everyone who takes part, but we do have some great prizes to offer – 2 iPad minis, 20 x £100 Love2Shop vouchers, 50 x £50 Love2Shop vouchers and 100 x £20 Love2Shop vouchers. Everyone who has completed the activity by **Friday April 24th** will be entered into the draw. Encourage your twin to take part and you will have 2 entries – if they win then you win!

Activity link: <https://www.forepsyte.com/studies/TEDSPathfinder>

Login code:<log in code>

Please read the information page below and note that ideally **this activity should be completed on a PC, laptop or tablet rather than a phone**. If you have to take part on a phone you should make sure that you rotate it to landscape mode for best results.

TEDS have commissioned Quodit (who own the website www.forepsyte.com) to implement the activities and run them on their web server. Further details about this can be found in the information sheet.

The TEDS team are working from home at the moment so if you have any questions about the study please drop us an email rather than phoning.

Many thanks for your continuing support for our research.

Best Wishes,

TEDS Team

Information Sheet for Participants

Ethical Clearance has been received from King's College London Research Ethics Committee (Reference Number PNM/09/10-104).

TEDS Pathfinder Study

What is the purpose of this study?

This study aims to validate a new measure that has been developed to assess cognitive ability. This study builds on research previously carried out by the research team with TEDS.

We hope that this new measure will advance the measurement of cognitive ability, as it will be administered online in approximately 15 minutes. Current measures take much longer to complete and require a trained person to administer them. The new measure has also been gamified. We hope that this will make the new measure more enjoyable to complete.

The findings of this study will be published in scientific journals, and also made available on our web site after the completion of the study. It is anticipated that this new measure will then be used in future research.

All TEDS twins who are contactable by email are being invited to take part in the study.

What am I being asked to do?

Taking part will involve completing a web-based task called 'Pathfinder' (<https://www.forepsyte.com/studies/TEDSPathfinder>) This task includes a series of questions related to verbal skills and abstract reasoning. These questions will be presented in a gamified puzzle-like format, based on journeys through five different environments (e.g., woodlands). The task is designed to be challenging, so don't worry if you find some of the questions difficult to answer. At the end of the study you will receive personalised feedback based on your responses in the task.

The study will take approximately 15 minutes to complete.

The website requires an up-to-date web browser, such as the latest versions of Firefox, Chrome, Edge or Safari. It is recommended that you use a desktop, laptop or tablet if possible, rather than a mobile device. If you only have access to a mobile device, for best results you should turn your phone sideways and select the 'full screen' option (you will see a button for this at the top left of the game's window).

It is best to complete this part of the study in a single session if possible. If you want to pause or stop part-way through the game, it is best to do so only while on the 'home' screen, not in the middle of a journey. That way, you won't lose any progress when you log back in to continue.

Rewards

If you decide to take part, you will automatically be entered into a prize draw to win one of the following prizes that we will be giving away: 2 x iPads, 20 x £100 Love2shop vouchers, 50 x £50 Love2shop vouchers, and 100 x £20 Love to Shop vouchers. We will notify all winners of the prize draw by email shortly after the study has finished. The TEDS team are currently working from home in response to the ongoing coronavirus situation. As a result we will not be able to send the prizes until we return to the office.

Do I have to take part?

It is entirely up to you whether or not to participate in this study. If you choose not to, it will not affect your future participation in TEDS studies. If you wish to withdraw permanently from TEDS, you may do so, without having to give a reason, by contacting us using the details at the head of this document.

If you decide to take part, you will be asked to complete a consent form at the start of the web activity to confirm that you have read this information sheet and that you agree to us using your data in the ways stated.

How will my data be protected?

Your data will be protected in accordance with the EU General Data Protection Regulation 2016 (GDPR) and the UK Data Protection Act 2016 (DPA). The legal basis under which TEDS processes your data is the performance of a task in the public interest, namely scientific and statistical research purposes. Full details are provided in the TEDS Privacy Policy at <http://www.teds.ac.uk/about-teds/privacy>.

TEDS have commissioned Quodit (owners of the website www.forepsyte.com) to implement the activities and run them on their web server, which is based in the UK. King's College London (KCL), represented by the TEDS study, is the **data controller**, which Quodit is the **data processor**, under GDPR definitions. There is a legal contract between KCL and Quodit to guarantee that, for example, Quodit will keep your data secure during collection, will not share the data with any third party, and at the end of data collection will transfer all the data to KCL and then delete all data from their server.

Where will my data be stored?

For the duration of data collection, your activity data will be stored securely on Quodit's web server. Immediately after data collection, the activity data will be transferred to TEDS where they will be stored on secure file servers in the KCL network. All copies of the data held by Quodit will then immediately be deleted.

Administrative data (including names and contact details) are stored in a secure database system within the KCL network. The system can only be accessed by authorised members of the TEDS admin team. The administrative data are stored separately from the other research data, in order to minimise any risk of linking confidential research data back to identifiable participants.

Will my data be shared?

Your data from this activity, along with other data you have previously provided, will be shared with researchers for the purposes of statistical analysis in their research. However, they will only be shared in a form in which all personally identifiable information is removed, so that you and other individual participants cannot be identified.

How long will you keep my data?

As TEDS is an ongoing longitudinal study, the research data will be kept for the duration of the study. When TEDS eventually ends, the research data will be archived for future research purposes, but in an anonymous form whereby participants are not identifiable. Administrative data such as names and contact details will be deleted when TEDS ends.

Are there any risks in my taking part?

We have no reason to think that taking part in this study will confer any risks at all. However, we are legally required to say that if this study has harmed you in any way you can contact KCL as described below.

Any questions?

If you have any questions, please do not hesitate to contact TEDS by email using the details at the head of this document. Please note that the TEDS office is currently closed and the freephone number is not being monitored due to the ongoing coronavirus situation. Please email us with any queries that you may have.

If you have any concerns or complaints that you do not feel have been resolved by contacting TEDS, then you may contact the KCL Data Protection Officer, whose contact details are given at the bottom of the KCL privacy notice (<https://www.kcl.ac.uk/terms/privacy>). If you are not satisfied with the response given by the KCL Data Protection Officer, then you are entitled to complain to the Information Commissioner's Office (<https://ico.org.uk/global/contact-us/>).