

HOW HEARING AND LEARNING CHANGE AS WE GROW



Hello! We're looking for children aged 6 to 11 to take part in a fun study at Lancaster University!

Over the next year you will visit us three times and:

- Try out cool gadgets
- Play fun listening and memory games
- Help us learn how children hear and listen as they grow

WHY ARE WE DOING THIS RESEARCH?

We know that paying attention and listening can sometimes be tricky, and that every child is different.

This study is part of an exciting project where we're also working with deaf children. To understand how listening and learning develop as children grow, we're inviting hearing children to take part as well.

This helps us explore how things might be similar or different between hearing and deaf children.

By taking part, you'll be helping us learn more about how children like you focus, listen, and learn over time.



DO I HAVE TO TAKE PART?



You don't have to join if you don't want to.

It's your choice and your guardian will help you decide. If you do join, you can stop at any time. That's totally okay!

WILL MY INFORMATION BE KEPT PRIVATE

GDPR is a law that helps keep your personal information safe. In this study, we will use some information about you but only what we need.

Very few people will see your name, and everyone will keep it safe.

After the study, we might keep some information to check things or help with future research, but nobody will know it's about you.

1st visit



Scan the QR code to watch a short video that explains GDPR.

Want to see where
you'll be going?

Check out the video below
to meet the team and get
a sneak peek of the lab!

Scan the QR code to
watch.





USING MICROPHONES AND CAMERAS IN OUR ACTIVITIES



Microphones

For some of the games and activities, we use microphones to help us remember what you say in the games.

Cameras

For some of the games and activities, we use video to see what happens during the tasks and to help keep everyone safe.



WHY DO WE DO THIS?

These recordings help us look back later to make sure we didn't miss anything important you said or did. We will let you know for each activity if your voice or video is being recorded.

WHAT WILL I BE ASKED TO DO?

If you decide to join the study, here's what will happen: You'll visit Lancaster University three times for fun activities like listening and memory games. These three visits will take most of the day, but don't worry! There will be plenty of breaks and fun games to keep it exciting. If you prefer, visits 1 and 3 can be split into shorter (half-day) visits.

1st visit

In this visit you'll come to Lancaster University for a fun day!



- Do activities like listening and memory games, and a little bit of reading and maths
- Try out VR and EEG

We will check your hearing by looking inside your ears, checking your ear health and doing a quick hearing test.

Virtual Reality (VR)

Virtual reality is like a game where you wear special glasses and feel like you're in a whole new world. It's fun and helps you explore and play!

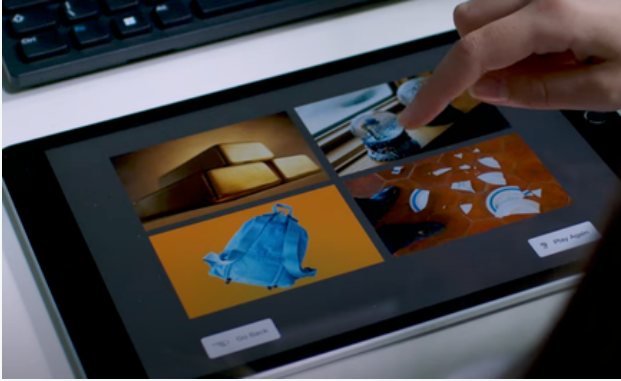


Electroencephalogram (EEG)

An EEG uses small sensors on your head to listen to your brain's signals. It doesn't hurt and helps us learn how your brain works when you hear things.



2nd visit

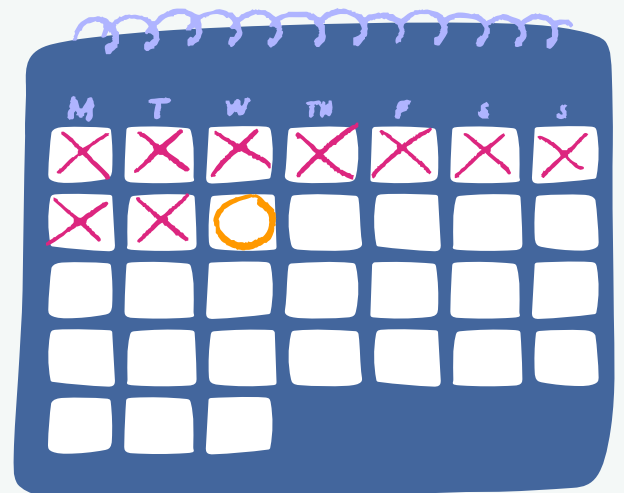


4-6 weeks later, for another fun day. In this visit, you'll do the same kind of activities as before.

Some of the games will be the same, and some might be a little different. All of the activities help us learn more about how children listen and learn as they grow.

3rd visit

Around a year after your first visit to Lancaster University, you'll come back for one last visit.



You'll do similar fun activities as before, including listening games, brain games, and virtual reality tasks.



WILL ANYTHING UPSET ME?

Everything we do is safe. You might feel a bit tired from travelling or doing the activities. The EEG cap and VR headset might feel a little strange at first, but we'll take breaks and make sure you're comfortable.

If anything doesn't feel right, we'll stop.

HOW CAN I ASK QUESTIONS OR STOP IF I CHANGE MY MIND?

If you have any questions or change your mind about taking part, just tell your parent or a researcher. You can also contact the research team at Lancaster University:



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Dr Hannah J. Stewart



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