

SES Study 1 Case child: ID number

Research testing

Date of Screen: // (DD/MM/YYYY)

Location of test: Clinic / Home / NHBRU / Other, please state _____
[circle as required]

Background noise level: dB Notes: _____

Background information

Location of hospital: _____ Date of Birth: // (DD/MM/YYYY)

Gender [circle as required]: Male / Female Post code:

Ethnicity [tick as required]: Known medical conditions [List below]:

White	<input type="checkbox"/>
Mixed / Multiple ethnic groups	<input type="checkbox"/>
Asian / Asian British	<input type="checkbox"/>
Black / African / Caribbean / Black British	<input type="checkbox"/>
Other ethnic group	<input type="checkbox"/>

Procedural information [pre-randomised]

Order of sweep tests?

Pure Tone then Hearcheck Hearcheck then Pure Tone

Order of ears for the 2 tests? [record overleaf too]

Left, right Right, left

Pure Tone Sweep results

First test (20db)	Frequency detected? [tick if heard, cross if not heard]									
	1kHz		2kHz		4kHz		500Hz			
Left Ear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1kHz		2kHz		4kHz		500Hz			
Right Ear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Initials of screener: _____

Time taken (mins):

Analysis: (tick pass or fail)	Left Ear	Right Ear
3/3 or 2/3 responses at every frequency	Pass <input type="checkbox"/>	Pass <input type="checkbox"/>
1/3 or 0/3 responses for at least one frequency	Fail <input type="checkbox"/>	Fail <input type="checkbox"/>

The diagnostic accuracy of hearing tests and cost-effectiveness of school entry hearing screening programmes

ID Number:

DOB: //

Postcode:

HearCheck Sweep Results

Which ear to test first?

Left

Right

	1KHz			3KHz			
	55dB	35dB	20dB	75dB	55dB	35dB	
Left Ear							Total heard /6
Right Ear							Total heard /6

Initials of screener: _____

Time taken (mins):

Analysis: (tick pass or fail)

Heard all 6 tones in both ears?

Left Ear

Pass

Right Ear

Pass

Heard 0-5 tones in either ear?

Fail

Fail

Which test was actually done first?

Hearcheck

Pure Tone

Blinding: Did the second researcher know if the child passed or failed the first screen?

Yes

No

If yes, please explain _____

Hearing History from Pure Tone Audiogram

Initials of researcher completing the table: _____

Date of PTA(dd/mm/yyyy):						
PTA attached?	Y / N					
RESULTS	Frequency					
	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
SF/Binaural AC (dBA)						
Right AC (dBHL)						
Left AC (dBHL)						
Right Unmasked BC (dBHL)						
Left Unmasked BC (dBHL)						
Right Masked BC (dBHL)						
Left Masked BC (dBHL)						
Circle as appropriate (Required when there is no BC)	Tymps Right			Tymps Left		
	A	B	C	A	B	C

KEY to read PTA:

- Right AC
- × Left AC
- Δ Unmasked BC
- [Right BC
-] Left BC

0-20 dBHL Normal
 21-40 Mild Loss
 41-70 Moderate Loss
 71-95 Severe Loss
 > 95 Profound Loss

ID Number:

DOB: / /

Postcode:

Date of Repeat Audiogram(dd/mm/yyyy):						
PTA attached?	Y / N					
RESULTS	Frequency					
	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
SF/Binaural AC (dBA)						
Right AC (dBHL)						
Left AC (dBHL)						
Right Unmasked BC (dBHL)						
Left Unmasked BC (dBHL)						
Right Masked BC (dBHL)						
Left Masked BC (dBHL)						
Circle as appropriate <i>(Required when there is no BC)</i>						
	Tymps Right			Tymps Left		
	A	B	C	A	B	C

**REPEAT
AUDIOGRAM**

The diagnostic accuracy of hearing tests and cost-effectiveness of school entry hearing screening programmes

ID Number:

DOB: //

Postcode:

Would parent(s) like a summary of the project to be sent to them?

Y / N

[Note down preferred contact details]

Is another PTA required (out of date/incomplete?)

Details of the request (BY PHONE) for repeat audiogram:

Name of audiologist: _____

Name of researcher: _____ *[signature]*

Date of request: // (DD/MM/YYYY)

SES Study 1 Control child – ID number

Research testing

Date of screen: // (DD/MM/YYYY)

Location of test [circle as required]: Clinic / NHBRU / Other, please state _____

Background noise level: dB Notes: _____

Background information

Name of School: _____

Date of Birth: // (DD/MM/YYYY)

Gender [circle as required]: Male / Female

Post code:

Ethnicity [tick as required]:

Known medical conditions [List below]:

White	<input type="checkbox"/>
Mixed / Multiple ethnic groups	<input type="checkbox"/>
Asian / Asian British	<input type="checkbox"/>
Black / African / Caribbean / Black British	<input type="checkbox"/>
Other ethnic group	<input type="checkbox"/>

Procedural information [pre-randomised]

Order of sweep tests?

Pure Tone then Hearcheck

Hearcheck then Pure Tone

Order of ears for the 3 tests? [Record overleaf too]

Left, right, left

Right, left, right

Pure Tone Sweep results

First test (20db)	Frequency detected? [tick if heard, cross if not heard]											
	1kHz			2kHz			4kHz			500Hz		
Left Ear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1kHz			2kHz			4kHz			500Hz		
Right Ear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Time taken (mins):

Analysis: (tick pass or fail)

3/3 or 2/3 responses at every frequency

Left Ear

Pass

Right Ear

Pass

1/3 or 0/3 responses for at least one frequency

Fail

Fail

Initials of screener

HearCheck Sweep Results

	1KHz			3KHz			
	55dB	35dB	20dB	75dB	55dB	35dB	
Left Ear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Total heard /6
Right Ear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Total heard /6

Time taken (mins):

Analysis: (tick pass or fail)

Heard all 6 tones in both ears?

Left Ear

Pass

Right Ear

Pass

Heard 0-5 tones in either ear?

Fail

Fail

Which test was actually done first?

Hearcheck

Pure Tone

Number:

DOB: //

Postcode:

PURE TONE AUDIOGRAM (Gold standard)

[2nd researcher to conduct and enter results only after both screening tests have been completed by the 1 researcher]

Which ear to test first?

Left

Right

Initials of tester:

Time taken (mins):

RESULTS	Frequency					
	1kHz	2kHz	4kHz	8kHz	500Hz	250Hz
Right AC (dBHL)						
Left AC (dBHL)						

KEY to read PTA:

0-20 dBHL Normal
21-40 Mild Loss
41-70 Moderate Loss
71-95 Severe Loss
> 95 Profound Loss

PTA results attached (printed out)? Y / N

PTA Result: Normal / Refer [circle as required]

[Refer to Audiology if any frequencies ≥ 30 dBHL are not heard]

Blinding: Did the second researcher know if the child passed or failed the screening tests?

Yes No

If yes, please explain _____

Number:

DOB: //

Postcode:

Would parent(s) like a summary of the project to be sent to them? Y / N
[Note down preferred contact details]

Referral to Nottingham Audiology Services Required? Y / N

Name of Child: _____ Name of Parent: _____

Address: _____

Telephone Number: _____ Signature of Parent: _____

***If referred**, explain to parents and give them a letter and leaflet to take home
Copy the CRF and pass to Claire or Shelly*

INFORMATION SHEET
(S1 Cases v1.3 20.09.13)

The diagnostic accuracy of hearing tests and cost-effectiveness of
school entry hearing screening programmes

Name of Researcher(s): Dr Heather Fortnum, Ms Sam Catterick and Ms Mara Ozolins

Invitation

We would like to invite your child to take part in a research study. Before you decide whether you want to do that, it is important for you to understand why the research is being done and what it will involve. If you would like, one of our team will go through the information sheet with you and answer any questions you have. Talk to others about the study if you wish. Ask us if there is anything that is not clear or if you would like more information.

Why has my child been chosen?

Your child is being invited to take part because we know they have a hearing loss. We are inviting 80 children like your child to take part. We are also inviting 160 children who do not have a hearing loss to take part. Because we know whether or not the children taking part in this study have a hearing loss we can tell if the screening tests we are assessing are able to correctly identify those with and without a hearing loss.

Who are the researchers?

The research is being led by Dr Heather Fortnum, an Associate Professor and Reader in Hearing Research at the University of Nottingham. She is working with two research fellows, Sam Catterick and Mara Ozolins who will see the children in this study. The research also involves audiologists in Nottingham and Cambridge, and research methods experts in Exeter.

What is the purpose of the study?

Identifying children who have a permanent hearing loss at the earliest possible age is very important. When a hearing loss is detected early, the child's speech and language is usually better and they do better in school. There is now a hearing test at birth for all babies and this means that the vast majority of children born with a hearing loss are identified at birth. However, not all children who will eventually have a hearing loss have that hearing loss at birth.

In most parts of the UK at the moment, children have another hearing test when they start school, using a machine to screen for permanent hearing loss. However, this might not be the best test to use. A new system using a hand-held device to test hearing might be more accurate, and quicker and easier for the children and for the school nurses who do the testing. One aim of this project is to compare two types of hearing tests which can be used in schools to find out which one is better able to identify hearing loss in children.

Does my child have to take part?

It is up to you to decide whether or not he or she takes part. If you do decide that your child will take part, you will be asked to sign a consent form. If you later decide that he/she no longer wishes to take part, please inform us and he/she will be withdrawn from the study. You do not need to give a reason and it will not affect the standard of care your child receives.

What will happen to my child if they take part?

The research will involve just one session of testing with your child. If your child wears hearing aids, they will be asked to remove these before we test them. We will test your child's hearing with the screening system currently used in schools and with the new handheld device. Each gives out sounds at levels up to the equivalent of a noisy room and your child will need to tell us when they hear a

sound by pressing a button. Each ear will be tested separately. The first system plays the sounds via headphones and the second system plays the sounds from a small machine held next to the child's ear.

We also need to compare the two screening hearing tests with a full test of your child's hearing. This will be done in one of two ways:

1. If your child has had a recent hearing test at your local audiology service, or has an appointment for a hearing test in the next 3 months we will just need to access a copy of these results with your permission.
2. If they have not had a hearing test in the last 12 months and do not have an appointment to have a hearing test in the next 3 months we would need to do a full hearing test in your local audiology clinic or in the research facility in Nottingham.

Where will the tests take place?

We will carry out these tests in your own home or at our research facility at Ropewalk House in the centre of Nottingham. You will be able to choose which is most convenient for you. The research session should take no longer than 30 minutes in total and you can be with your child at all times.

When will my child take part?

The researchers intend to test children just once between December 2012 and October 2014 and your child could be included at any point during this time. Therefore although we would like to know now whether you would like your child to take part, please be aware that you will not be invited for testing until your child is at least 4yrs old.

Expenses and payments

We will pay for all your travel expenses to attend for the hearing tests and each child will be offered a book token to the value of £20 to say thank you for taking part.

What are the possible disadvantages or risks of taking part?

There should be no risk or discomfort for your child. The loudest sound that they will listen to is approximately the equivalent of a noisy room.

What are the advantages of taking part?

We cannot promise the study will help your child but the information we get from this study may help to decide how best to detect hearing loss in children in the future.

What if I have any concerns?

If you have a concern about any aspect of this study, you should ask to speak to the researchers who will do their best to answer your questions. The researchers' contact details are given at the end of this information sheet. If you are still unhappy and wish to complain formally, you can do this by contacting NHS Complaints <<PALS number for the appropriate hospital to be inserted>>.

Will my child taking part in this study be kept confidential?

All information about your child will be handled in confidence.

If your child joins the study, some parts of audiology records and the data collected for the study will be looked at by authorised persons from the University of Nottingham who are organising the research. The data may also be looked at by authorised people to check that the study is being carried out correctly. All will have a duty of confidentiality to your child as a research participant and we will do our best to meet this duty.

All information which is collected about your child during the course of the research will be kept **strictly confidential**, stored in a secure and locked office, and on a password protected database. Any information about your child which leaves the hospital will have your child's name and address removed (anonymised) and a unique code will be used so that they cannot be recognised from it.

Your child's personal data (address, telephone number) will be kept for up to 12 months after the end of the study. All research data will be kept securely for 7 years following publication. After this time your child's data will be disposed of securely. During this time all precautions will be taken by

all those involved to maintain your child's confidentiality; only members of the research team will have access to their personal data.

What will happen if I do not want my child to carry on with the study?

Taking part in the study is voluntary and you are free to withdraw your child at any time, without giving any reason, and without their legal rights being affected. If you withdraw your child, then the information collected so far cannot be deleted and this information may still be used in the project analysis.

What will happen to the results of the study?

The results of the study will be written up into a report for the National Institute for Health Research who are funding the study. We will also publish the results in academic journals and present the results at academic and clinical conferences. The results will feed into government decisions about the best way to screen for hearing loss in children. We will send you a summary of the results if you would like to receive it.

Who is organising and funding the research?

This research is being organised by the University of Nottingham and is being funded by the National Institute for Health Research, Health Technology Assessment Programme.

Who has reviewed this study?

All research in the NHS is looked at by independent group of people, called a Research Ethics Committee, to protect participant's interests. This study has been reviewed and given favourable opinion by the West Midlands, Staffordshire Research Ethics Committee.

Further information and contact details

If you have any questions or would like to talk to someone about this research, please contact either the Chief Investigator, Dr Heather Fortnum or the study researchers, Sam Catterick or Mara Ozolins on 0115 8232600 or email us at SES@nottingham.ac.uk. Alternatively, please write to: Heather Fortnum at the Nottingham Hearing Biomedical Research Unit, Ropewalk House, 113 The Ropewalk, Nottingham, NG1 5DU.

Thank you for reading this



National Institute for Health Research

Nottingham Hearing
Biomedical Research Unit
Ropewalk House
113 The Ropewalk
Nottingham NG1 5DU

Tel: +44 (0) 115 823 2600
Fax: +44 (0) 115 823 2618
Email: nhbru-enquiries@nottingham.ac.uk
Web: www.hearing.nlhr.ac.uk

SUMMARY INFORMATION SHEET

(S1 Cases v1.1 20.09.13)

Are hearing tests at school accurate and cost effective?

What is the study about?

Most children in the UK have a hearing test when they start school. This study will compare different ways of testing hearing to see which is best.

Why has my child been chosen?

We are inviting 80 children with a hearing loss (like your child) and 160 children who do not have a hearing loss to take part. We want to see if the hearing tests used can correctly identify those with and without a hearing loss.

What will my child have to do?

We will either come to your home or you can come to us at Ropewalk House in the centre of Nottingham. Your child's hearing will be tested using the hearing tests. Each test will play sounds and your child will need to tell us when they hear them by pressing a button. Each ear will be tested separately. The first test plays the sounds over headphones and the second test plays the sounds from a small machine (like a telephone) held next to your child's ear. The research session should take no longer than 30 minutes in total.

When will my child take part?

We will test children just once between December 2012 and October 2014.

What are the advantages of taking part?

The study may not help your child, but the information could help to decide how hearing loss should be tested in children in the future.

Are there any risks to taking part?

There should be no risk or discomfort for your child. The loudest sound that they will listen to is approximately the equivalent of a noisy room.

Will my child's information be kept confidential?

All information about your child will be handled in confidence.

Will we receive any payment?

We will pay for any travel expenses and your child will be given a £20 book token to say thank you.

For further information or contact details of the researchers, please read the detailed information sheet included in this pack.

If you would like to support the research, please return the reply slip to us in the prepaid envelope provided.

An information sheet for you to read with your child

Meeting You



You can play as Mummy or Daddy fill in some forms and ask questions.

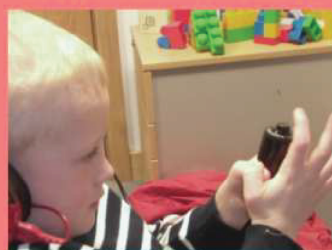


A lady will test the noise in the room.

Hearing test with headphones



You will wear headphones and a lady will sit behind you with a machine to test your hearing.



You will hear beeps in your ears.

When you hear a beep, you will press the button.

Hearing Test—no headphones

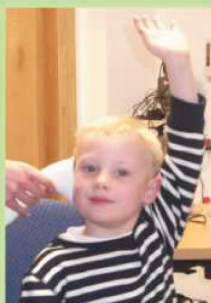


A machine like this will be used.

A lady will hold the machine to your ear.

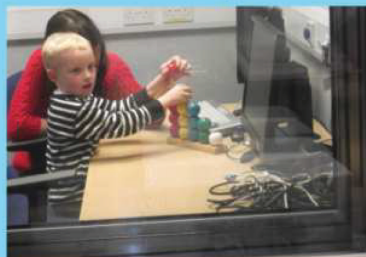


You will hear beeps in your ear. When you hear a beep, you put your hand up.



The lady will test your other ear too.

Full Hearing Test



You will go to another room with Mummy or Daddy.

You will see the lady through the window.



You will wear headphones and hear beeps in your ear.

When you hear a beep, you will move a ball onto the stand



INFORMATION SHEET

(S1 Controls v1.3: 20.09.13)

The diagnostic accuracy of hearing tests and cost-effectiveness of
school entry hearing screening programmes

Name of Researcher(s): Dr Heather Fortnum, Ms Sam Catterick and Ms Mara Ozolins

Invitation

We would like to invite your child to take part in a research study. Before you decide whether you want to do that, it is important for you to understand why the research is being done and what it will involve. One of our team will go through the information sheet with you and answer any questions you have. Talk to others about the study if you wish. Ask us if there is anything that is not clear or if you would like more information.

Why has my child been chosen?

Your child is being invited to take part because to the best of our knowledge they have normal hearing. We are inviting 160 children like your child to take part. We are also inviting 80 children who do have a hearing loss to take part. Because we know whether or not the children taking part in this study have a hearing loss we can tell if the screening tests we are assessing are able to correctly identify those with and without a hearing loss.

Who are the researchers?

The research is being led by Dr Heather Fortnum, an Associate Professor and Reader in Hearing Research at the University of Nottingham. She is working with two research fellows, Sam Catterick and Mara Ozolins who will see the children in this study. The research also involves audiologists in Nottingham and Cambridge, and research methods experts in Exeter.

What is the purpose of the study?

Identifying children who have a permanent hearing loss at the earliest possible age is very important. When a hearing loss is detected early, the child's speech and language is usually better and they do better in school. There is now a hearing test at birth for all babies and this means that the vast majority of children born with a hearing loss are identified at birth. However, not all children who will eventually have a hearing loss have that hearing loss at birth.

In most parts of the UK at the moment, children have another hearing test when they start school, using a machine to screen for permanent hearing loss. However, this might not be the best test to use. A new system using a hand-held device to test hearing might be more accurate, and quicker and easier for the children and for the school nurses who do the testing. One aim of this project is to compare two types of hearing tests which can be used in schools to find out which one is better able to identify hearing loss in children.

Does my child have to take part?

It is up to you to decide whether or not he or she takes part. If you do decide that your child will take part, you will be asked to sign a consent form. If you later decide that he/she no longer wishes to take part, please inform us and he/she will be withdrawn from the study. You do not need to give a reason and it will not affect the standard of care your child receives.

What will happen to my child if they take part?

The research will involve just one session of testing with your child. We will test your child's hearing with the screening system currently used in schools and with the new handheld device. Each gives out sounds at levels up to the equivalent of a noisy room and your child will need to tell us when they hear a sound by pressing a button. Each ear will be tested separately. The first system plays the sounds via headphones and the second system plays the sounds from a small machine held next to the child's ear.

We also need to compare the two screening hearing tests with a full test of your child's hearing. This involves your child listening through headphones to a longer series of tones and indicating to the researcher when they can hear something by moving an object.

Where will the tests take place?

We will carry out these tests at our research facility at Ropewalk House in the centre of Nottingham. The research session should take no longer than 45 minutes and you can be with your child at all times.

When will my child take part?

The researchers intend to test children just once between December 2012 and October 2014 and your child could be included at any point during this time. Therefore although we would like to know now whether you would like your child to take part, we may not arrange the research appointment straight away.

What will happen if you find that my child has a hearing loss?

If the hearing tests indicate that your child might have a hearing loss we will give you a letter explaining that we will refer your child for an appointment at the local audiology clinic to have a further test of their hearing and where you can talk to a hearing specialist.

Expenses and payments

We will pay for all your travel expenses to attend for the hearing tests and each child will be offered a book token to the value of £20 to say thank you for taking part.

What are the possible disadvantages or risks of taking part?

There should be no risk or discomfort for your child. The loudest sound that they will listen to is approximately the equivalent of a noisy room.

What are the advantages of taking part?

We cannot promise the study will help your child but the information we get from this study may help to decide how best to detect hearing loss in children in the future.

What if I have any concerns?

If you have a concern about any aspect of this study, you should ask to speak to the researchers who will do their best to answer your questions. The researchers' contact details are given at the end of this information sheet. If you are still unhappy and wish to complain formally, you can do this by contacting NHS Complaints on 0800 0153367.

Will my child taking part in this study be kept confidential?

All information about your child will be handled in confidence.

If your child joins the study, some parts of the data collected for the study will be looked at by authorised persons from the University of Nottingham who are organising the research. The data may also be looked at by authorised people to check that the study is being carried out correctly. All will have a duty of confidentiality to your child as a research participant and we will do our best to meet this duty.

All information which is collected about your child during the course of the research will be kept **strictly confidential**, stored in a secure and locked office, and on a password protected database. Any information about your child which leaves the research facility will have your child's name and address removed (anonymised) and a unique code will be used so that they cannot be recognised from it.

Your child's personal data (address, telephone number) will be kept for up to 12 months after the end of the study. All research data will be kept securely for 7 years following publication. After this time your child's data will be disposed of securely. During this time all precautions will be taken by all those involved to maintain your child's confidentiality; only members of the research team will have access to their personal data.

What will happen if I do not want my child to carry on with the study?

Taking part in the study is voluntary and you are free to withdraw your child at any time, without giving any reason, and without their legal rights being affected. If you withdraw your child, then the information collected so far cannot be deleted and this information may still be used in the project analysis.

What will happen to the results of the study?

The results of the study will be written up into a report for the National Institute for Health Research who are funding the study. We will also publish the results in academic journals and present the results at academic and clinical conferences. The results will feed into government decisions about the best way to screen for hearing loss in children. We will send you a summary of the results if you would like to receive it.

Who is organising and funding the research?

This research is being organised by the University of Nottingham and is being funded by the National Institute for Health Research, Health Technology Assessment Programme.

Who has reviewed this study?

All research in the NHS is looked at by independent group of people, called a Research Ethics Committee, to protect participant's interests. This study has been reviewed and given favourable opinion by the West Midlands, Staffordshire Research Ethics Committee.

Further information and contact details

If you have any questions or would like to talk to someone about this research, please contact either the Chief Investigator, Dr Heather Fortnum or the study researchers, Sam Catterick or Mara Ozolins on 0115 8232600 or email us at SES@nottingham.ac.uk. Alternatively, please write to: Heather Fortnum at the Nottingham Hearing Biomedical Research Unit, Ropewalk House, 113 The Ropewalk, Nottingham, NG1 5DU.

Thank you for reading this

SUMMARY INFORMATION SHEET (S1 Controls v1.1 20.09.13)

Are hearing tests at school accurate and cost effective?

What is the study about?

Most children in the UK have a hearing test when they start school. This study will compare different ways of testing hearing to see which is best.

Why has my child been chosen?

We are inviting 80 children with a hearing loss and 160 children who do not have a hearing loss (like your child) to take part. We want to see if the hearing tests used can correctly identify those with and without a hearing loss.

What will my child have to do?

Your child's hearing will be tested using two hearing tests. Each test will play sounds and your child will need to tell us when they hear them by pressing a button. Each ear will be tested separately. The first test plays the sounds over headphones and the second test plays the sounds from a small machine (like a telephone) held next to your child's ear.

We also need to compare the two hearing tests with a full test of your child's hearing which involves listening to a longer series of sounds.

The research session should take no longer than 45 minutes in total.

When will my child take part?

We will test children at our research unit at Ropewalk House in the centre of Nottingham just once between December 2012 and October 2014.

What are the advantages of taking part?

The study may not help your child, but the information could help to decide how hearing loss should be tested in children in the future.

Are there any risks to taking part?

There should be no risk or discomfort for your child. The loudest sound that they will listen to is approximately the equivalent of a noisy room.

Will my child's information be kept confidential?

All information about your child will be handled in confidence.

Will we receive any payment?

We will pay for any travel expenses and your child will be given a £20 book token to say thank you.

For further information or contact details of the researchers, please read the detailed information sheet included in this pack.

**If you would like to support the research, please return the reply slip
to us in the prepaid envelope provided.**

An information sheet for you to read with your child

Meeting You



You can play as Mummy or Daddy fill in some forms and ask questions.



A lady will test the noise in the room.

Hearing test with headphones



You will wear headphones and a lady will sit behind you with a machine to test your hearing.



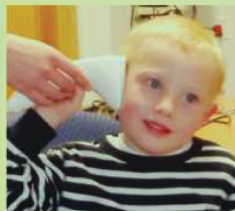
You will hear beeps in your ears.
When you hear a beep, you will press the button.

Hearing Test—no headphones



A machine like this will be used.

A lady will hold the machine to your ear.

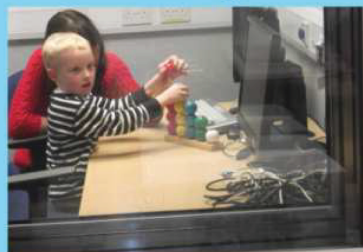


You will hear beeps in your ear. When you hear a beep, you put your hand up.



The lady will test your other ear too.

Full Hearing Test



You will go to another room with Mummy or Daddy.
You will see the lady through the window.



You will wear headphones and hear beeps in your ear.
When you hear a beep, you will move a ball onto the stand.