



12-Year Data Collection Wave: Main Cohort

Child Activities Remote Questionnaire

Te Kohikohi Raraunga 12Y:

Mātakitaki Rangatahi

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Interviewer Note: ID data seeded

ID Participant ID (Child): _____ • _____

FN First Name (Child): _____

LN Last Name (Child): _____

INTD Interview Date: ____ / ____ / ____

INTR Interviewer Name: _____

CTRY Childs Usual Country of Residence: _____

1. Introduction - Whakatakinga

[WELCOME SCREEN with greetings in all languages]



Kia ora, welcome to the *Growing Up in New Zealand* 12-Year Online Activities Questionnaire! Before {CHILD'S NAME} starts the activities, we have some information for you to read and the adult/caregiver consent section.

2. Mother consent for at home swab collection

[SCREEN]: Be Your Own Scientist

You may remember we collected biological samples at our four-year and eight-year visits. These skin swabs provide us with information on how the presence of microbes (e.g. bacteria, viruses, and fungi) that normally live on children's skin affects their health.

Due to us being unable to visit you at home for the 12-Year Kōrero Interview, we'd like to provide you with a new "at-home swab kit" so that you can collect skin swabs from your child. If you and your child agree, then we may mail you the 'at-home swab kit' when the Covid-19 restrictions allow.

These kits are designed for people to use at home. This type of kit has been used by lots of people and are easy and safe to collect and send in the mail. More information on exactly how to take these swabs will be provided in the 'at-home swab kit' pack.

Caregiver consent: Please confirm that the following statements are true.

- 2.1** I consent to collection and storage at the University of Auckland of swab samples taken from my child's/children's nose, throat, and elbow. I understand that I can request to have my child's/children's skin, nose and throat swab samples destroyed at any time, and that these samples will be used to determine the presence of microbes (e.g. bacteria, viruses, and fungi).

(Choose one only)

CONSENT8_y12Co

- ☐ 1. Yes
☐ 0. No

[LOGIC: IF 2.1=0, skip section 5]

3. Mother consent for child activities

[SCREEN]: In this questionnaire, there are four activities for {CHILD'S NAME} that will take about 25 minutes online to complete. If {CHILD'S NAME} needs help, they can ask us for help using the chat function. The activities are best done on a laptop, tablet or desktop computer but can be done on any device. The four activities are:

3.1 Knowing words in te reo Māori

Some people know more and some less words in te reo Māori and we would like to do this activity with everyone as people may know more than they think. **This activity involves reading instructions, viewing pictures, hearing words via headphones or a speaker on your device and to touch/click on the screen to select a picture.** If required, you can help {CHILD'S NAME} with reading the instructions for this activity and with clicking their chosen answer.

Caregiver consent: Are you happy for {CHILD'S NAME} to do the te reo Māori activity?

CONSENT_M1_y12Co

- ☐ 1. Yes
- ☐ 2. Yes, with help from someone else in the house
- ☐ 0. No → If 3.1=0, then skip section 7 (This task needs to be skipped for the child)

3.2 How children see themselves

All children think and feel differently about things, and we're interested in how children see themselves. This brief questionnaire requires **reading instructions and questions and to click to select answers.** If required, you can help {CHILD'S NAME} with reading the instructions, questions and answers and with clicking on their chosen answer.

Caregiver consent: Are you happy for {CHILD'S NAME} to do the brief questionnaire?

CONSENT_M2_y12Co

- ☐ 1. Yes
- ☐ 2. Yes, with help from someone else in the house
- ☐ 3. No → If 3.2=0, then skip section 8 (This task needs to be skipped for the child)

3.3 Symbols game and Balloon game

These are 2 short fun activities. {CHILD'S NAME} will be automatically directed to a secure weblink which will download a player so that {CHILD'S NAME} will be able to do the tasks. The first activity is about detecting symbols and the second is a game to pump up a balloon on the screen. The tasks require **reading instructions, seeing symbols, pressing keys, clicking on the screen, hearing sounds via headphones or a speaker on your device**. It is also ok to do this activity without sounds. If required, you can help {CHILD'S NAME} with reading the instructions for this activity.

Caregiver consent: Are you happy for {CHILD'S NAME} to do the Symbols game and Balloon game?

CONSENT_M3_y12Co

- ☐ 1. Yes
- ☐ 2. Yes, with help from someone else in the house
- ☐ 0. No → If 3.3=0, then skip section 9 (This task needs to be skipped for the child)

[If 3.1=1, 3.2=1, AND 3.3=1 (all 3 answered with 1=YES) then skip 3.4]

3.4 Can you please tell us why you selected 'No' or 'Yes, with help from someone else in the house'?

CONSENT_M4_y12Co

(Please select all that apply)

- ☐ 1. Because of hearing difficulties
- ☐ 2. Because of vision difficulties
- ☐ 3. Because of speech and language difficulties
- ☐ 4. Because of physical disability
- ☐ 5. Because of learning difficulties
- ☐ 6. Because of behavioural difficulties
- ☐ 7. Because of technology/equipment difficulties
- ☐ 97. Other, please specify: _____

Thank you very much for answering these questions. Now you can hand over the device to {CHILD'S NAME} 😊

4. Introduction – Whakatakinga

[WELCOME SCREEN with all the languages]



Section 1) Introduction – Whakatakinga

Kia ora {NAME}, welcome to the *Growing Up in New Zealand* 12-Year Online Activities Questionnaire! Show the following text if Q2.1 = 1 Before we get started with the activities, we have a new research idea we would like you to read about.

5. Child assent for at home swab collection

[SCREEN]: Be Your Own Scientist

When we visited you when you were four years old and eight years old, we may have collected biological samples. These were special samples of your saliva (spit) and swabs from your skin. This time, we would like you to “Be Your Own Scientist” at home and collect skin, nose and throat swabs to understand if certain microbes (e.g. bacteria, viruses, fungi) are present in your body. This is not like a Covid-19 swab if you’ve had one of those!

If you agree, then we may send you our new ‘at-home swab kit’. Your mum or caregiver will be given instructions so that they can take these skin swabs from you. Taking these samples is safe and easy and should not hurt or be uncomfortable. Even once the kits arrive at your home you can still change your mind about getting one or more of the swabs taken.

5.1 Are you happy for us to send you our “at-home swab kit” and have your mum or caregiver take these swabs?

(Choose one only)

CHILDASSENT4_y12Co

- ☐ 1. Yes
- ☐ 0. No

Thank you so much for your help with the study!

6. Child assent for child activities

Section 2) Your activities – Ngā mahi

Hi again {NAME}, welcome to the *Growing Up in New Zealand* online activities. This will take about 25 minutes to complete and we are really excited to hear from you! You will complete some activities on your screen like:

- How many words you know in te reo Māori
- How you see yourself
- How you understand symbols
- And there will be a game where you pump up a balloon on the screen

Some tips for the activities:

1. Don't stress over every answer - your first answer is usually the best one.
2. You can't use the back button once you have moved to a new page. [If you think you made a mistake, you can send us a message using LiveChat and tell us what question you want the answer changed to and why.](#) Then you can keep going!
3. Some of the questions won't seem relevant to you or your life but remember we ask questions from lots of different children in the study - just answer as best you can.
4. Don't forget all your answers are confidential and nobody will know what you have said.
5. If you get stuck on a question or you don't know how to answer something, then please send us a message on LiveChat and we will see if we can help

7. Te reo Māori Language Tool – Aromatawai i te reo Māori

This section of the questionnaire includes the Te Reo Māori tool, which has been redacted. The tool was developed by researchers in the *Growing Up in New Zealand* team to assess the receptive vocabulary (words in a person's vocabulary that they can comprehend and respond to) of the cohort for the Māori language. Please contact the team at *Growing Up in New Zealand* (dataaccess@growingup.co.nz) for more information.

8. Self-worth and perceived competence (Harter scale) – Huritao whaiaro

[Instruction on screen]:

Section 4) How do you see yourself – Huritao whaiaro

For this next activity you will read about two kinds of children and we want to know which one is more like you. All children think and feel differently about things, and we're interested in how you see yourself. This is not a test. There are no right or wrong answers.

Let's try this out first. Here's an example of how these questions work. This question is about two kinds of children and we want to know which one is more like you.

[Instruction on screen]: Carefully read the question and decide which description is more like you. Then choose whether this description is "really true for me" or "sort of true for me". For each question only tick one box.

Question number	Variable Name	1. Really true for me	2. Sort of true for me				3. Sort of true for me	4. Really true for me
	HS40_y12Co	<input type="radio"/>	<input type="radio"/>	Some kids would rather play outdoors in their spare time	BUT	Other kids would rather watch T.V.	<input type="radio"/>	<input type="radio"/>

8.1 Are you happy to do this activity?

(Choose one only)

CHILDASSENT6_y12Co

- ☐ 1. Yes
☐ 0. No -> skip to 9

[Instruction on screen]: Ka pai, well done for the practice. If you have any questions about this, just ask us in the chat. Now we have a few more questions for you to answer. Read each sentence carefully and decide which description is most like you. Then choose whether this is “really true for me” or “sort of true for me”.

Which one is more like you?

(Choose one only for each row)

Question number	Variable Name	1. Really true for me	2. Sort of true for me				3. Sort of true for me	4. Really true for me
8.2.	HS1_y12Co	<input type="radio"/>	<input type="radio"/>	Some kids feel that they are very good at their schoolwork	BUT	Other kids worry about whether they can do the schoolwork assigned to them	<input type="radio"/>	<input type="radio"/>
8.3.	HS20_y12Co	<input type="radio"/>	<input type="radio"/>	Some kids are very happy being the way they are	BUT	Other kids wish they were different	<input type="radio"/>	<input type="radio"/>
8.4.	HS4_y12Co	<input type="radio"/>	<input type="radio"/>	Some kids are often unhappy with themselves	BUT	Other kids are pretty pleased with themselves	<input type="radio"/>	<input type="radio"/>
8.5.	HS9_y12Co	<input type="radio"/>	<input type="radio"/>	Some kids are pretty slow in finishing their schoolwork	BUT	Other kids can do their schoolwork quickly	<input type="radio"/>	<input type="radio"/>
8.6.	HS16_y12Co	<input type="radio"/>	<input type="radio"/>	Some kids like the kind of person they are	BUT	Other kids often wish they were someone else	<input type="radio"/>	<input type="radio"/>
8.7.	HS17_y12Co	<input type="radio"/>	<input type="radio"/>	Some kids do very well at their classwork	BUT	Other kids don't do very well at their classwork	<input type="radio"/>	<input type="radio"/>
8.8.	HS12_y12Co	<input type="radio"/>	<input type="radio"/>	Some kids are happy with themselves as a person	BUT	Other kids are often not happy with themselves	<input type="radio"/>	<input type="radio"/>

Question number	Variable Name	1. Really true for me	2. Sort of true for me				3. Sort of true for me	4. Really true for me
8.9.	HS13_y12Co	<input type="radio"/>	<input type="radio"/>	Some kids often forget what they learn	BUT	Other kids can remember things easily	<input type="radio"/>	<input type="radio"/>
8.10.	HS8_y12Co	<input type="radio"/>	<input type="radio"/>	Some kids don't like the way they are leading their life	BUT	Other kids do like the way they are leading their life	<input type="radio"/>	<input type="radio"/>
8.11.	HS21_y12Co	<input type="radio"/>	<input type="radio"/>	Some kids have trouble figuring out the answers in school	BUT	Other kids almost always can figure out the answers	<input type="radio"/>	<input type="radio"/>
8.12.	HS24_y12Co	<input type="radio"/>	<input type="radio"/>	Some kids are not very happy with the way they do a lot of things	BUT	Other kids think the way they do things is fine	<input type="radio"/>	<input type="radio"/>
8.13.	HS5_y12Co	<input type="radio"/>	<input type="radio"/>	Some kids feel like they are just as smart as other children their age	BUT	Other kids aren't so sure and wonder if they are as smart	<input type="radio"/>	<input type="radio"/>

[Celebration screen]

9. Cognitive Functions – Āhuatanga Hinengaro

Section 5) Symbols game and Balloon game – Kēmu Tohu, Kēmu Parūna

Now you will play two games which will take about 8-10 minutes in total. The first is about how you see and interpret symbols, and the second is a game where you pump up a balloon on the screen and try to get it as big as possible before it pops. You will hear some sounds during these activities, you can use your headphones for this or the speaker on your device. But if you can't hear the sounds, it's ok, you can continue. When you start the games, another link opens automatically. Just try to complete the games till the end. Don't worry, the games will close automatically after you've finished.

9.1. Are you happy to try these games?

(Choose one only)

CHILDASSENT7_y12Co

- ☐ 1. Yes
- ☐ 0. No → finish questionnaire

9.2. Before we go to the games, can we check which hand do you normally use to throw a ball?

(Choose one only)

CFT1_y12Co

- ☐ 1. Right hand
- ☐ 2. Left hand
- ☐ 3. Use right and left hand equally
- ☐ 99. I don't know
- ☐ 97. Not applicable

9.3. Flanker Task

This section of the questionnaire includes the Flanker Task, which has been redacted for copyright purposes. Please contact the team at Growing Up in New Zealand (dataaccess@growingup.co.nz) for more information.

9.4. The Balloon Analogue Risk Task

This section of the questionnaire includes the Balloon Analogue Risk Task (BART), which has been redacted for copyright purposes. Please contact the team at Growing Up in New Zealand (dataaccess@growingup.co.nz) for more information.

END OF QUESTIONNAIRE