



# Two-Year Data Collection Wave: Main Cohort

## **Observations**

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ID	Participant ID (Mother)	
FN	First Name (Mother)	
C1	Child First Name	

O1 (STInfo2)

## Stack and Topple

**TO CHILD:** Hi [NAME]. My name is [YOUR NAME]. Look at these blocks. Let's play a game with them. Come and sit here and I'll show you what to do. But please don't touch the blocks until I say it's your turn. Remember – don't touch the blocks until it's your turn. I'll start and then you'll get a turn. Here we go.

Demonstrate building the blocks with six blocks placed on top of one another. As you do this, say to child:

TO CHILD: One, two, three, four, five, six. And now look what we do!

Topple the tower over.

**TO CHILD:** Wow, look at that! I'll show you one more time, and then it will be your turn. But please don't touch the blocks until I say it's your turn - remember, don't touch until it's your turn.

Make sure the blocks are within reach of the child. Demonstrate building the blocks with six blocks placed on top of one another.

TO CHILD: One, two, three, four, five, six. And now look what we do!

Topple the tower over.

If the child grabs the blocks, you may gently take them back (while smiling) and say "Uh oh, it's not your turn yet. Watch me."

O2 (ST16) Did {NAME} engage in the Stack and Topple exercise at all?

<u>Interviewer note:</u> With the exception of Option 5, do not make assessments about these reasons yourself – they should only be coded if the parent says this is the reason for non-completion.

- 1) Yes
- 2) No Child was asleep --> O18 (PCIIntro1)
- 3) No Child was unwell --> O18 (PCIIntro1)
- 4) No Child was not in house --> O18 (PCIIntro1)
- 5) No Child was not co-operative / would not engage (did not give any attention) --> O18 (PCIIntro1)
- 6) No Mother refused --> O18 (PCIIntro1)
- 7) No, due to physical injury --> O18 (PCIIntro1)
- 8) No, due to physical disability --> O18 (PCIIntro1)
- 9) No, due to developmental delay --> O18 (PClintro1)
- 10) No Other 0..100 --> **O18 (PCIIntro1)**
- 11) No, as the interview was interpreted --> O18 (PCIIntro1)

Answer:

**O2a (ST16a)** To the best of your knowledge, did the child understand English? Interviewer note: See Briefing Notes re: completion of the exercise in a non-English language.

- 1) Yes
- 2) No exercise was undertaken in non-English language spoken by the interviewer. Enter language
- 3) No exercise was undertaken in English with child who didn't understand English

Answer:

O3 (ST32) Which tasks did {NAME} attempt?
CODE ALL
1) The demonstration. (Child must observe/watch at least some of the demonstration – doesn't have to sit.)
2) The individual task. (Child must at least attempt to stack one block on top of another.)
3) The co-operative task – interviewer first. (Child must place at least one block)
4) The co-operative task – child first. (Child must place at least one block.)
Demonstration
O4 (ST17) At the start of the task, did the child pay attention before you started demonstrating the stacking?
<ol> <li>Yes, Immediately (only reading script, before starting to demonstrate stacking)</li> <li>Yes, With One Prompt (in addition to script, before starting to demonstrate stacking)</li> <li>Yes, After Two Prompts (in addition to script, before starting to demonstrate stacking)</li> <li>No</li> </ol>
Answer:
O5 (ST18) Did the child maintain joint attention (look at the interviewer and the blocks) during both demonstrations?  Interviewer note: During both demonstration tasks, from starting to stack blocks until tower has fallen over.
1) Child looked mostly at blocks (no or one look at the interviewer across the two demonstrations).
<ul><li>2) Child looked mostly at interviewer.</li><li>3) Child looked actively at both blocks and interviewer (two or more looks at the interviewer across the two</li></ul>
demonstrations). 4) Child generally ignored both the blocks and interviewer.
4) Child generally ignored both the blocks and interviewer.
Answer:
O6 (ST20) During the second demonstration, did the child wait for their turn?
1) All of the time (no attempt to grab blocks – child waits their turn).
<ul><li>2) A little (one or two attempts to grab blocks).</li><li>3) Hardly ever (three or more attempts to grab blocks).</li></ul>
Answer:
O7 (Intro2)
Individual Task
TO CHILD: And now it's your turn.
Pass blocks to the child. While they stack, count along. If the child does not play straight away (after about 15 seconds), demonstrate the activity once more (as above), and then try to encourage the child to play. If child does not want to play on his/her own after two attempts, fill in the Demonstration Questions 04 (ST17) – 06 (ST20), and then try the Cooperative Task.
O8 (ST23) During the individual task, what was the highest number of blocks stacked?  Interviewer note: If more than six blocks are stacked, enter '6'. Only record the first attempt at stacking.
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## **Cooperative Task**

After the child has built their tower, bring the blocks to the middle.

TO CHILD: Now, let's play together. I'll go first.

If the child tries to go before their turn, say: "Oh, it's my turn. You'll get to go next."

Stack one, while counting 'one', and tell the child it's their turn. Count for the child as well. Play together taking turns, and then topple down.

TO CHILD: Let's play again, but this time you go first.

Child to start building tower. Count for the child. Play together taking turns, and then topple down.

Interviewer Note: a child who attempts to grab at a block out of turn is not waiting his/her turn.

**O10 (ST24)** Did the child maintain joint attention (look at the interviewer and the blocks) during <u>both</u> cooperative tasks?

Interviewer note: From starting to stack blocks until tower has fallen over.

- 1) Child looked mostly at blocks (no or one look at interviewer across the tasks).
- 2) Child looked mostly at interviewer.
- 3) Child looked at both blocks and interviewer (two or more looks at interviewer across the tasks).
- 4) Child generally ignored both the blocks and interviewer.

Answer:	Ληςινιο	r.
	Allowe	1.

O11 (ST25) During the second cooperative task (where the child goes first), did the child wait [HIS/HER] turn?

- 1) All of the time (no attempt to grab blocks child waits their turn).
- 2) A Little –(one or two attempts to grab blocks).
- 3) Hardly Ever (three or more attempts to grab blocks).

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	1) Hardly Ever	2) A Little	3) Most Of The Time
O14 (ST26) During the cooperative tasks, did the child stay focused on the task?	$\bigcirc$	$\bigcirc$	
O15 (ST27) During the cooperative tasks, was the child socially engaged (e.g. smiling, talking, enjoying the task)?	$\bigcirc$	$\bigcirc$	

#### O16 (Intro5)

## Generic questions across tasks

**O17 (ST31)** Across all tasks, were there any significant distractions or events that altered the child's performance and meant you coded something differently (e.g. sudden noise, people telling the child to wait or focus)?

	DE	A 1	
CO	DE	AL	.L

1)	No
2)	Yes, On The Demonstrations
3)	Yes, On The Individual Tasks
4)	Yes, On The Cooperative Tasks

∫5) Yes, On All Tasks

O18 (PCIIntro1)

#### Parent/Child Interaction

**TO PARENT:** For the next activity, we will be asking you to look at some pictures with {NAME}, so it would be best if you could sit somewhere comfortable.

**TO PARENT:** I'm going to hand you five pictures. Please describe each picture to your child as if you were telling a story. We allow 30 seconds for each picture, and I'll just be setting a timer for that.

Hand the parent one picture at a time, in the following order:

- 1. Mother and daughter in forest.
- 2. Children washing car.
- 3. Child reaching up for father.
- 4. Boy crying.
- 5. Boy stacking blocks.

Allow the parent to spend 30 seconds talking to the child about each image. For each image, code the interaction below.

019 (PCI1) Did {NAME} engage in the Parent-Child Interaction (Photo) exercise at all?

<u>Interviewer note:</u> With the exception of Option 5, do not make assessments about these reasons yourself – they should only be coded if the parent says this is the reason for non-completion.

ıswer:
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**O19a** (**PCI1a**) Was the Parent-Child Interaction completed in English or another language? <u>Interviewer note:</u> See Briefing Notes re: completion of the exercise in a non-English language.

- 1) English
- 2) Non-English language understood by the interviewer. Enter language
- 3) Non-English language <u>not</u> understood by the interviewer. → **O26 (HWInfo1)**

#### **O20 (PCI2)** CODE FOR THE PARENT

**Photo 1:** Mother and daughter in forest.

- 1) No emotional expression
- 2) Smile
- 3) Laugh or kiss or cuddle/embrace
- 4) Did Not engage

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O21 (PCI3) CODE FOR THE PARENT words who/ what/ where/ how/ why	
Photo 2: Children washing car.	
Interviewer Note: 'Questions' refers to 'open-ended' questions, i.e. those that begin with 'who'/ 'what'/ 'why', NOT questions that can be answered with a 'yes'/ 'no'.	where'/ 'how'/
1) No Questions	
<ul><li>2) 1 Question</li><li>3) 2 Or More Questions</li><li>4) Did Not engage</li></ul>	
4) Did Not engage	Answer:
O22 (PCI4) CODE FOR THE PARENT emotion/desire words, e.g. want, like, love, happy, sad, e	etc.
Photo 3: Child reaching up for father.	
1) No Desire Or Emotion Words (Want, Like)	
2) One Desire Or Emotion Word  3) Two Or More Desire Or Emotion Words	
4) Did Not engage	
O22 (PCIS) CODE FOR THE CHILD shows amosthy	Answer:
O23 (PCI5) CODE FOR THE CHILD shows empathy	
Photo 4: Boy crying.	
<ul><li>1) Absence of concern or empathy</li><li>2) Presence of concern or empathy (e.g. furrowed brow, with or without downturned mouth)</li><li>3) Did Not engage</li></ul>	
, , ,	Answer:
O24 (PCI16) CODE FOR THE PARENT linking to own child's experience/world	
Photo 5: Boy stacking blocks.	
1) Description of picture, but no linking to own child's block play or any other previous experience or the 2) Link to child's block playing (either stack & topple or other block play), or link to any other aspect of ov previous experience or their world 3) Did Not engage	
	Answer:
O25 (PCI17) CODE FOR THE PARENT	
Interviewer Note: Code from when the parent and child sit down until the end of the task - across whole	interaction.
No Discipline/Behavioural Correction     One Instance Of Mild Behavioural Correction     Harsh Discipline (Yelling, Smacking, Cursing, Evil Eye) Or More Than One Behavioural Correction	
4) Did Not engage	Answer:

**O26** (HWInfo1)

## **Height and Weight**

#### Parental permission

Interviewer Note: Ensure all equipment is ready and placed in an appropriate working space. Use the hardest surface available adjacent to a wall for the measurements.

027 (HW1) I'd like to measure {NAME}'s height and weight. The height measurement involves asking {NAME} to stand up tall next to a wall and using a laser device to measure the child's height. The laser device is harmless. It shows a light which helps us to measure accurately. So that it is accurate, I will need to touch the device to your child's head - I hope this will be OK?

The weight measurement involves you standing on some scales holding {NAME}, and then you standing on the scales alone. Is this alright to do to this measuring and weighing now?

- 1) Permission To Measure Height And Weight
- 2) Permission To Measure Height Only --> O37 (HW7)
- 3) Permission To Weigh Only → DO NOT COMPLETE 040 (HWInfo5)-042(HW13)
- 4) Permission Refused For Both Height And Weight --> O37 (HW7)

Answer:
AIISWCI.

### 028 (HWInfo2) Weight

Interviewer Note: If child is wearing shoes, a hat, a heavy jumper, and/or a jacket, ask them to remove these items. If mother does not want to stand on scales, weigh the child on their own.

2) Child weighed alone → O34 (HW4) 3) Child Refused> O37 (HW7)					
4) Child Unable To Be Weighed> <b>O37 (HW7</b>	Answer:	$\bigcirc$			
<b>O29 (HW4)</b> Measurement outcome 1 (Parent Interviewer Note: Please make sure the paren	t and child) nt does not add or remove any clot <u>hing between measurements.</u>				
	parent and child Weight (Kg)				
O30 (HW5) Measurement outcome:	parent and child Weight (Kg)				
O31 (HW4) Measurement outcome 2 (Parent )  Interviewer Note: Please make sure the parent does not add or remove any clothing between measurements.  parent alone Weight (Kg)					
O32 (HW5) Measurement outcome:	parent alone Weight (Kg)				
O33 (HW6) Which of these circumstances app	ply to the parent & child weight process (i.e. O29-O32):				
CODE ALL					
<ul><li>1) Weight Accurately Recorded</li><li>2) Child Was Wearing Shoes And / Or More</li></ul>	ore Than Light Clothing				
3) Child Was Wearing A Plaster Cast					
4) Other NOW GOTO O40 (HWInfo 5)	0100				

O34 (HW4) Measurement outcome 1 (Child)	
<u>Child</u> Weight (K	·g)
O35 (HW4) Measurement outcome 2 (Child)	
<u>Child</u> Weight (K	·g)
O36 (HW3) Which of these circumstances apply to the child we	ight (i.e. O34-O35) measurement?
CODE ALL	
1) Weight Accurately Recorded> <b>O40 (HWInfo5)</b>	
2) Child Was Wearing Shoes And / Or More Than Light Cloth	ning> <b>O40 (HWInfo5)</b>
3) Child Was Wearing A Plaster Cast> <b>O40 (HWInfo5)</b>	
4) Child Was Unable To Stand Still – Weight Estimated> C	40 (HWInfo5)
5) Other 0100> <b>0</b>	40 (HWInfo5)
NOW GOTO O40 (HWInfo5)	Answer:
O37 (HW7) TO PARENT: Do you have a record of {NAME}'s w	eight from the last time [HE/SHE] was weighed?
Enter source of weight information.	Signt from the last time [HE/OHE] was weighted.
1) Well Child Book 2) Other Written Record 3) Parent's Memory 4) No Record Available> O40 (HWInfo5) 5) Ref> O40 (HWInfo5) 6) DK> O40 (HWInfo5)	
, ,	Answer:
O38 (HW8) Record weight of child at the last time they were we	igned.
1) Pounds 0200	
2) Ounces 0200	
3) Kilograms 020	0
4) Grams 0200	
5) Ref> <b>041 (HWInfo5)</b>	
6) DK> <b>O41 (HWInfo5)</b>	
O39 (HW9) Record date last weight recorded	
1) Actual Date	/20101/1/2012
2) Estimated Date 1/1	/20101/1/2012
3) Ref 4) DK	Answer:

2) Estimated Date3) Ref4) DK

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040 (HWInfo5) Hei	ght					
Stand with your feet to measure your height – right.	gether. Stand you won't fee ld is wearing s 3 (HW4)	as straight as you can, and lo I anything at all while I do this shoes, and/or a hat, ask them	buld you please stand here with book straight ahead. I'm then go s. I will need to do it two times, to remove these items.	ing to use this machine to		
	Child Refused	First Measurement (m) Include all digits from LASER	Second Measurement (m)  Include all digits from LASER	<u>ranowor.</u>		
O41 (HW10_1) Head to Floor measurement						
<b>042 (HW13)</b> Which of	these circum	stances apply to the height m	easurement:			
1) Height Accurately Recorded 2) Child Was Wearing Shoes And/Or Something On Head That May Affect Measurement 3) Height Estimated: Difficult To Get Child To Stand Correctly Under The Stadiometer 4) Other 4) Other 5.1.100						
O43 (HW14) TO PARENT: Do you have a record of {NAME}'s height from the last time [HE/SHE] was measured?  1) Well Child Book 2) Other Written Record 3) Parent's Memory 4) No Record Available> O46 (OBInfo) 5) Ref> O46 (OBInfo)						
6) DK> <b>O46 (OBInfo)</b> Answer:						
O44 (HW15) Record height of child at the last time they were measured.						
1) Height (metres) 12000						
1) Height (centimetres) 12000 2) Ref> <b>O46 (OBInfo)</b>						
3) DK> <b>O46 (OBI</b> nfo						
TO CHILD: Thanks so	much for bein	g so good and helpful!		Answer:		
O45 (HW16) Record date last measurement recorded						
1) Actual Date		1/1/2010	1/1/2012			

1/1/2010..1/1/2012

O46 (OBInfo) Observations	
O47 Was the interview completed at the participants house?  1) Yes → O48 (OB1)  2) No	
	Answer:
O47a If interview not completed at participant's house, enter location. NOW GOTO O53 (End2)	
O48 (OB1) What type of dwelling is this?	
<ol> <li>Separate House</li> <li>Semi-Detached House/Row Or Terrace House/Townhouse Etc</li> <li>Flat/Unit/Apartment</li> <li>Caravan/Cabin</li> <li>House Or Flat Attached To Shop, Office, Etc.</li> </ol>	
6) Farm	7
7) Other:	1100
8) Not Sighted	Answer:
O49 (OB2) What is the external condition of this dwelling?	, Midwell.
1) Badly Deteriorated 2) Poor Condition With Peeling Paint And Need Of Repair 3) Fair Condition 4) Well Kept With Good Repair And Exterior Surface 5) No Chance To Observe 6) Don't Know	
	Answer:
O50 (OB3) How would you rate the general condition of most of the respondent's house?	
Badly Deteriorated     Poor Condition With Peeling Paint And Need Of Repair	
<ul> <li>3) Fair Condition</li> <li>4) Well Kept With Good Repair And Exterior Surface</li> <li>5) No Other Dwellings Nearby</li> <li>6) No Chance To Observe</li> <li>7) Don't Know</li> </ul>	
	Answer:
O51 (OB15) How many high-rise (more than 4 storeys) buildings are	
1) A Lot—More Than 50% Of Structures 2) A Fair Bit—More Than 20% Of Structures 3) One Or Two Such Structures 4) None At All	
5) No Chance To Observe	Answer:
O52 (END2) This is the end of the observations. Thank you.	