

# South African Research Project

\* Required



## QUESTIONNAIRE

# CHILDREN, TECHNOLOGY AND PLAY

exploring relationships between child play,  
learning, creativity and use of technology



*School of Education*  
*Principal Investigators:*  
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*Skip to question 1*

### Children, Technology and Play (CTAP)

The School of Education at the University of Cape Town (UCT) is investigating children's learning through digital play. The project is a collaborative one with the University of Sheffield in the UK. The aim of this study is to explore children's (aged 3-11) play and technology use. We would like to find out about the relationship between play, learning, creativity and technology, and to identify the skills and dispositions children develop through this use. We would also like to find out about how adults (parents/ teachers/ community members) interact with children during playful uses of technologies, and what their views are on play and technology.

Acknowledgement: This survey was adapted from Marsh, J. Stjerne Thomsen, B., Parry, B., Scott, F. Bishop, J.C., Bannister, C., Driscoll, A., Margary, T., Woodgate, A., (2019) Children, Technology and Play. UK Survey Questions. LEGO Foundation.

#### 1. Survey Reference Code: e.g. CPT201911

*Mark only one oval.*

☐ CPT201911

*Skip to question 2*

### Parents

Please give us an indication of where you are as you complete this survey.

#### 2. A0a. Please describe where you are doing this survey? (e.g. picnic with children at Kirstenbosch gardens). Add initial and name of researcher conducting the survey).

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#### 3. A0b. Do you have a child in your household aged between 3 and 11 years old? \*

*Mark only one oval.*

☐ No *Skip to section 19 (Thank you for your time)*

☐ Yes *Skip to question 4*

### Section A: Demographic questions to parents of 3-11 years

4. A1. How old are you?

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5. A2. What is your gender?

*Mark only one oval.*

- ☐ Female
- ☐ Male
- ☐ Prefer not to say
- ☐ Other

6. A3. How would you describe your ethnicity?

*Mark only one oval.*

- ☐ Black African
- ☐ Coloured
- ☐ Indian/Asian
- ☐ White
- ☐ Other

7. If other, please specify

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## 8. A4. What is your highest qualification?

*Mark only one oval.*

- ☐ I have no primary education
- ☐ I only completed primary school
- ☐ I completed secondary school
- ☐ I am a college graduate
- ☐ I am a university graduate
- ☐ I have a postgraduate qualification
- ☐ Other

## 9. If other, please specify

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10. A5. How would you rate the socio-economic background that you come from?  
(in terms of access to resources)

*Mark only one oval.*

- ☐ Very disadvantaged
- ☐ Disadvantaged
- ☐ Average
- ☐ Advantaged
- ☐ Very advantaged

## 11. A6. What is your home language?

*Mark only one oval.*

- ☐ Afrikaans
- ☐ English
- ☐ isiXhosa
- ☐ isiZulu
- ☐ Other

12. If other, please specify

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13. A7. In which area do you live? \*

*Mark only one oval.*

- ☐ Atlantic Seaboard    *Skip to question 15*
- ☐ Cape Flats    *Skip to question 16*
- ☐ City Bowl    *Skip to question 17*
- ☐ Helderberg    *Skip to question 18*
- ☐ Northern Suburbs    *Skip to question 19*
- ☐ South Peninsula    *Skip to question 20*
- ☐ Southern Suburbs    *Skip to question 21*
- ☐ West Coast    *Skip to question 22*
- ☐ Other    *Skip to question 2*

14. If other, please specify

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Atlantic Seaboard

Choose your area from the list below:

## 15. A7a. Where in Atlantic Seaboard?

*Mark only one oval.*

- ☐ Bakoven      *Skip to question 23*
- ☐ Bantry Bay      *Skip to question 23*
- ☐ Camps Bay      *Skip to question 23*
- ☐ Clifton      *Skip to question 23*
- ☐ Fresnaye      *Skip to question 23*
- ☐ Green Point      *Skip to question 23*
- ☐ Hout Bay      *Skip to question 23*
- ☐ Imizamo Yethu      *Skip to question 23*
- ☐ Llandudno      *Skip to question 23*
- ☐ Sea Point      *Skip to question 23*
- ☐ Three Anchor Bay      *Skip to question 23*

Cape Flats

Choose your area from the list below:

## 16. A7a. Where in Cape Flats?

Mark only one oval.

- ☐ Athlone      *Skip to question 23*
- ☐ Bishop Lavis      *Skip to question 23*
- ☐ Bonteheuwel      *Skip to question 23*
- ☐ Crawford      *Skip to question 23*
- ☐ Delft      *Skip to question 23*
- ☐ Electric City      *Skip to question 23*
- ☐ Elsie's River      *Skip to question 23*
- ☐ Epping      *Skip to question 23*
- ☐ Grassy Park      *Skip to question 23*
- ☐ Gugulethu      *Skip to question 23*
- ☐ Hanover Park      *Skip to question 23*
- ☐ Kalksteentfontein      *Skip to question 23*
- ☐ Khayelitsha      *Skip to question 23*
- ☐ Langa      *Skip to question 23*
- ☐ Lotus River      *Skip to question 23*
- ☐ Macassar      *Skip to question 23*
- ☐ Manenberg      *Skip to question 23*
- ☐ Mitchells Plain      *Skip to question 23*
- ☐ Nyanga      *Skip to question 23*
- ☐ Ottery      *Skip to question 23*
- ☐ Pelican Park      *Skip to question 23*
- ☐ Philippi      *Skip to question 23*
- ☐ Samora Machel      *Skip to question 23*
- ☐ Strandfontein      *Skip to question 23*
- ☐ Valhalla Park      *Skip to question 23*

City Bowl

Choose your area from the list below:

## 17. A7a. Where in City Bowl?

Mark only one oval.

- ☐ Bo-Kaap (Malay Quarter) Skip to question 23
- ☐ Devil's Peak Estate Skip to question 23
- ☐ De Waterkant Skip to question 23
- ☐ Foreshore Skip to question 23
- ☐ Gardens Skip to question 23
- ☐ Higgovale Skip to question 23
- ☐ Lower Vrede (District Six) Skip to question 23
- ☐ Oranjezicht Skip to question 23
- ☐ Salt River Skip to question 23
- ☐ Schotsche Kloof Skip to question 23
- ☐ Tamboerskloof Skip to question 23
- ☐ University Estate Skip to question 23
- ☐ Vredehoek Skip to question 23
- ☐ Walmer Estate (District Six) Skip to question 23
- ☐ Woodstock (including Upper Woodstock) Skip to question 23
- ☐ Zonnebloem (District Six) Skip to question 23

Helderberg

Choose your area from the list below:

## 18. A7a. Where in Helderberg?

Mark only one oval.

- ☐ Firgrove Skip to question 23
- ☐ Gordon's Bay Skip to question 23
- ☐ Somerset West Skip to question 23
- ☐ Strand Skip to question 23

Northern Suburbs

Choose your area from the list below:



## 19. A7a. Where in Northern Suburbs?

*Mark only one oval.*

- ☐ Belhar      *Skip to question 23*
- ☐ Bellville      *Skip to question 23*
- ☐ Brackenfell      *Skip to question 23*
- ☐ Bothasig      *Skip to question 23*
- ☐ Brooklyn      *Skip to question 23*
- ☐ Durbanville      *Skip to question 23*
- ☐ Edgemoor      *Skip to question 23*
- ☐ Elsie's River      *Skip to question 23*
- ☐ Goodwood      *Skip to question 23*
- ☐ Kensington      *Skip to question 23*
- ☐ Kraaifontein      *Skip to question 23*
- ☐ Kuils River      *Skip to question 23*
- ☐ Loevenstein      *Skip to question 23*
- ☐ Maitland      *Skip to question 23*
- ☐ Milnerton      *Skip to question 23*
- ☐ Monte Vista      *Skip to question 23*
- ☐ Panorama      *Skip to question 23*
- ☐ Parow      *Skip to question 23*
- ☐ Platteklouf      *Skip to question 23*
- ☐ Rugby      *Skip to question 23*
- ☐ Thornton      *Skip to question 23*

South Peninsula

Choose your area from the list below:

## 20. A7a. Where in South Peninsula?

*Mark only one oval.*

- ☐ Capri Village      *Skip to question 23*
- ☐ Clovelly      *Skip to question 23*
- ☐ Fish Hoek      *Skip to question 23*
- ☐ Glencairn      *Skip to question 23*
- ☐ Kalk Bay      *Skip to question 23*
- ☐ Kommetjie      *Skip to question 23*
- ☐ Lakeside      *Skip to question 23*
- ☐ Marina da Gama      *Skip to question 23*
- ☐ Masiphumelele      *Skip to question 23*
- ☐ Muizenberg      *Skip to question 23*
- ☐ Noordhoek      *Skip to question 23*
- ☐ Ocean View      *Skip to question 23*
- ☐ Scarborough      *Skip to question 23*
- ☐ Sunnydale      *Skip to question 23*
- ☐ Sun Valley      *Skip to question 23*

Southern Suburbs

Choose your area from the list below:

## 21. A7a. Where in Southern Suburbs?

Mark only one oval.

- ☐ Bergvliet      *Skip to question 23*
- ☐ Bishopscourt      *Skip to question 23*
- ☐ Claremont      *Skip to question 23*
- ☐ Constantia      *Skip to question 23*
- ☐ Diep River      *Skip to question 23*
- ☐ Harfield Village      *Skip to question 23*
- ☐ Heathfield      *Skip to question 23*
- ☐ Kenilworth      *Skip to question 23*
- ☐ Kenwyn      *Skip to question 23*
- ☐ Kirstenhof      *Skip to question 23*
- ☐ Kreupelbosch      *Skip to question 23*
- ☐ Lansdowne      *Skip to question 23*
- ☐ Meadowridge      *Skip to question 23*
- ☐ Mowbray      *Skip to question 23*
- ☐ Ndabeni      *Skip to question 23*
- ☐ Newlands      *Skip to question 23*
- ☐ Observatory      *Skip to question 23*
- ☐ Pinelands      *Skip to question 23*
- ☐ Plumstead      *Skip to question 23*
- ☐ Retreat      *Skip to question 23*
- ☐ Rondebosch      *Skip to question 23*
- ☐ Rondebosch East      *Skip to question 23*
- ☐ Rosebank      *Skip to question 23*
- ☐ SouthField      *Skip to question 23*
- ☐ Steenberg      *Skip to question 23*
- ☐ Wynberg      *Skip to question 23*

West Coast

Choose your area from the list below:

## 22. A7a. Where in West Coast?

*Mark only one oval.*

- ☐ Atlantis      *Skip to question 23*
- ☐ Bloubergstrand      *Skip to question 23*
- ☐ Mamre      *Skip to question 23*
- ☐ Melkbosstrand      *Skip to question 23*
- ☐ Milnerton      *Skip to question 23*
- ☐ Montague Gardens      *Skip to question 23*
- ☐ Parklands      *Skip to question 23*
- ☐ Table View      *Skip to question 23*
- ☐ West Beach      *Skip to question 23*

Parent details

## 23. A8. Which one of the following options best describes the sort of work that the breadwinner in your household does?

*Mark only one oval.*

- ☐ Casual worker (e.g. general work)
- ☐ Domestic worker
- ☐ Higher managerial, administrative and professional
- ☐ Intermediate managerial, administrative and professional
- ☐ Semi-skilled and unskilled manual workers
- ☐ Skilled manual workers
- ☐ State pensioners, casual and lowest grade workers, unemployed
- ☐ Supervisory, clerical and junior managerial, administrative and professional
- ☐ Teacher
- ☐ Unemployed
- ☐ Other (please specify)

## 24. If other, please specify

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## 25. A9. What is your total household income per year?

*Mark only one oval.*

- ☐ Less than R19,999
- ☐ R20,000-R49,999
- ☐ R50,000-R99,999
- ☐ R100,000-R249,999
- ☐ R250,000-R499,999
- ☐ R500,000 or more
- ☐ Receive Government Social Grant

## 26. A10. Please tell us the ages of the boys and/or girls you have who are between 3 and 11 years

*Check all that apply.*

	Boys	Girls	Twins	Prefer not to say
3 years old	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 years old	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 years old	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6 years old	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7 years old	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8 years old	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9 years old	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10 years old	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11 years old	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

On behalf of ONE of your children aged between 3 and 11 years

In this section, you will focus on one of your children aged between 3 and 11 years. You might want to sit with them, if that helps.

27. A11a. Did your child participate in the LEGO project at School? [either in a focus group or as a case study child]?

*Mark only one oval.*

- ☐ Yes
- ☐ No
- ☐ Not Sure

28. A 11b. Please state your child's gender

*Mark only one oval.*

- ☐ Female
- ☐ Male
- ☐ Prefer not to say
- ☐ Other: \_\_\_\_\_

29. A 11c. Please state your child's exact age (year & months)



*Check all that apply.*

	0 mths	1 mth	2 mths	3 mths	4 mths	5 mths	6 mths	7 mths	8 mths
3 yrs	<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"/>
4 yrs	<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"/>
5 yrs	<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"/>
6 yrs	<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"/>
7 yrs	<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"/>
8 yrs	<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"/>
9 yrs	<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"/>
10 yrs	<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"/>
11 yrs	<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"/>

## Section B: Use of electronic devices

For the rest of the survey we would like you to think of your older child (aged between 3 and 11 years) when completing the survey. It might be useful to have your child nearby so that you can ask them to provide answers if needed.

The following questions relate to the type of electronic devices your child has access to, how they use these devices, the amount of time in a week they typically spend using them and the types of play that occur when using them.

## 30. B1. Which of these devices does your child have access to?



*Check all that apply.*

	Yes – own	Yes – access to one at home	Yes – access through family / friend	Yes – access at public space	No – don't have one for now	No – don't have one AND don't expect to
Standard TV Set	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A Smart TV (connected to internet)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TABLET	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iPad	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samsung Galaxy Tab	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Microsoft Surface	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Amazon Fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kindle Fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Huawei Media pad	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Google Pixel Slate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Amazon Fire Kids	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LeapPad	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Other Tablet Computer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smartphone / Mobile phone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iPhone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samsung Galaxy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HTC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nokia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sony	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Huawei	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Google Pixel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Oppo	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Honor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Razer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Games Console	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Xbox	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PlayStation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nintendo (including Wii, Wii U, Switch)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HANDHELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PlayStation (PSP, VITA)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nintendo (DS, 2DS, 3DS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Desktop computer /PC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Laptop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internet connected	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Portable Media  
Player (e.g.  
iPod Touch,  
Archos)

Smart  
speaker/voice  
assistants (e.g.  
Alexa, Google  
Home, Apple  
HomePod)

☐☐☐☐☐☐

Smart toy-  
connected to  
internet

☐☐☐☐☐☐

Electronic toy  
not connected  
to the internet,  
e.g. robot,  
drone etc.

☐☐☐☐☐☐

Virtual Reality  
equipment (e.g.  
headset)

☐☐☐☐☐☐

Wearable (e.g.  
FitBit,  
AppleWatch)

☐☐☐☐☐☐

Other  
Smartphone or  
Mobile phone

☐☐☐☐☐☐

31. If other, please specify

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32. B2. On a normal weekday, how much time does your child spend playing when using the following?

*Mark only one oval per row.*

	No minutes	Less than 30 minutes	31-60 minutes	1 hour	2 hours	3 hours	4 hours	5 hours
Television	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tablet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Games console	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Handheld Games Console	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PC or Laptop	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Portable Media Player with internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Smart speaker/voice assistants	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Smart toy with internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electronic toy not internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Non-digital toys and playthings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

33. B3. On a normal weekend day, how much time does your child spend playing when using the following?

Mark only one oval per row.

	Less than 30 minutes	31-60 minutes	1 hour	2 hours	3 hours	4 hours	5 hours	6 hours
Television	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tablet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Games console	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Handheld Games Console	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PC or Laptop	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Portable Media Player with internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Smart speaker/voice assistants	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Smart toy with internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electronic toy not internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Non-digital toys and playthings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

34. B4. We are interested in whether or not your child plays with or encounters the LEGO brand



*Check all that apply.*

	Plays with this in the house	Plays with this outside of the house	Is aware but does not play with	Is not aware and does not play with	Is not familiar with this LEGO product at all
LEGO bricks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEGO mini-figures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEGO Duplo	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEGO themes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEGO Technic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEGO Robots	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEGO Education	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEGO film(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEGO app(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEGO YouTube	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LEGO magazine(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Skip to question 35*

### Section C: Play with technology

We are interested in how your child plays with technology. The questions in this section explore this area.

OBJECT or CONSTRUCTION PLAY: Your child uses materials and objects to create new things.

EXPLORATORY PLAY: Play in which your child explores objects to see what they can do with them, or to find out what the object can do (e.g. they may put them in their mouth, tap or drop them to see what happens, and so on).

IMAGINATIVE PLAY: Your child uses his or her imagination in play, pretending ordinary objects are something else or (e.g. a stick turns into a wand)

GAME PLAY: Your child plays a game, following the rules of the game

PHYSICAL PLAY: Such as running, jumping, wrestling etc.

ROLE PLAY: Your child pretends to be someone else, taking on a role e.g. firefighter, vet

SOCIAL PLAY: Your child plays with others

Transgressive play: Your child plays with something in a way that might not have been intended by the designers.

35. C1. What type of play does your child engage in when the following is used?



*Check all that apply.*

	Object or construction play	Exploratory play	Imaginative play	Game play	Physical play	Role play	Social play
Television	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tablet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smartphone or mobile phone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Games Console	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Handheld Games Console	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Personal Computer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Laptop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internet connected Portable Media Player	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smart speaker/voice assistants	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smart toy- connected to internet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electronic toy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

not  
connected to  
the internet

Virtual Reality equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wearable (e.g. FitBit, AppleWatch)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

36. C2a. Which of the following APPS does your child play with/on? (Tick all that apply)

*Check all that apply.*

- ☐ Escape and obstacles apps (e.g. Temple Run)
- ☐ Style creation apps (e.g. Stardoll)
- ☐ Basic strategy apps (e.g. Angry Bird)
- ☐ Nurture and mimics apps (e.g. Talking Tom, My Horse)
- ☐ Musical apps
- ☐ Drawing apps
- ☐ Number game apps
- ☐ Writing/spelling game apps
- ☐ Creative production apps (e.g. Puppet Pals, Toontastic)
- ☐ Augmented Reality apps (e.g. Pokémon Go)
- ☐ Virtual Reality apps (e.g. Roller Coaster VR)
- ☐ Scratch
- ☐ LEGO apps

37. If chosen LEGO apps, please specify

---



38. C2b. Which of the following POPULAR GAMES does your child play with/on? (Tick all that apply)

*Check all that apply.*

- ☐ Minecraft
- ☐ Roblox
- ☐ Fortnite
- ☐ Racing games e.g. Super Mario
- ☐ Other video games

39. If you chose 'Other video games' please specify

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40. C2c. Which of the following TOYS/TECH does your child play with/on? (Tick all that apply)

*Check all that apply.*

- ☐ Drone (e.g. Holy Stone Predator Quadcopter)
- ☐ Coding game (e.g. Fisher Price Think and Learn Code-a-Pillar, Osmo)
- ☐ Echo Dot Kids
- ☐ Connected toys (e.g. Furby Boom, Cozmo)
- ☐ None of the above

41. C3. Do you tend to join in when your child plays with the following?



*Check all that apply.*

	I play alongside them all of the time	I play alongside them most of the time (e.g. at least once a week)	I play alongside them some of the time (e.g. at least once a month)	I play alongside them now and again (e.g. every few months or less)	Rather than joining in/starting them off, I oversee their play	I do not play/engage with them at all
Television	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tablet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smartphone or mobile phone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Games Console	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Handheld Games Console	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PC or Laptop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internet connected Portable Media Player	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smart speaker assistants	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smart toy-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

connected to internet						
Electronic toy not connected to the internet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Virtual Reality equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wearable (e.g. FitBit, AppleWatch)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-digital toys and playthings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

42. C4. What is the main reason you do OR do not join in with the play with your child using these items?



*Check all that apply.*

	I play with them because think it is important for my child's development/learning	I play with them because think it is important for our relationship	I play with them because it is fun for me too	I generally do not play with them because I am too busy	I generally do not play with them because I am not confident with the technology	I generally do not play with them because I do not think play is for adults
Television	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tablet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobile Phone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Games Console	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Handheld games console	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PC or Laptop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internet connected Portable Media Player	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smart speaker	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

assistants

Smart toy-  
connected  
to internet☐☐☐☐☐☐Electronic  
toy not  
connected  
to the  
internet☐☐☐☐☐☐Virtual  
Reality  
equipment☐☐☐☐☐☐

Wearable

☐☐☐☐☐☐Non-  
digital  
toys and  
playthings☐☐☐☐☐☐

43. Other reason: [Please specify]

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44. C5. Which of the following types of non-digital play do you engage with your child on a regular basis (e.g. once a month or more?) [Tick all that apply]

*Check all that apply.*

- ☐ Board games
- ☐ Card games
- ☐ Indoor Sports
- ☐ Outdoor sports
- ☐ Play with toys
- ☐ Role play
- ☐ Making/ arts/ crafts
- ☐ Short excursions
- ☐ Games from everyday life
- ☐ Braai outings
- ☐ Play with sand
- ☐ None of the above

45. Other (please specify)

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46. C6. We are interested in children's active engagement with technology in play. When playing with technology, is your child ACTIVELY ENGAGED (e.g. interested, focused on the activity), in general?

*Mark only one oval.*

☐ Very much

☐ Somewhat

☐ Not sure

☐ Not really

☐ Not at all

47. C7. We are interested in how far your child enjoys their play with technology. When playing with technology, is your child JOYFUL (happy, cheerful), in general?

*Mark only one oval.*

☐ Very much

☐ Somewhat

☐ Not sure

☐ Not really

☐ Not at all

48. C8. We are interested in the ways that children find play with technology meaningful and relate their experiences to their everyday lives. When playing with technology, does your child find the play to be MEANINGFUL to them and their everyday interests, in general?

*Mark only one oval.*

- ☐ Very much
- ☐ Somewhat
- ☐ Not sure
- ☐ Not really
- ☐ Not at all

49. C9. We are interested in the ways your child might try things out and try then to make improvements/ set themselves challenges when playing with technology. When playing with technology, does your child enjoy trying things out and making improvements, in general?

*Mark only one oval.*

- ☐ Very much
- ☐ Somewhat
- ☐ Not sure
- ☐ Not really
- ☐ Not at all

50. C10. We are interested in children's social interactions in relation to their play with technology. When playing with technology that allows for social interaction, would you say your child engages well with others, in general?

*Mark only one oval.*

- ☐ Very much
- ☐ Somewhat
- ☐ Not sure
- ☐ Not really
- ☐ Not at all

51. C11. Can you describe examples of technologies where your child is being particular playful?

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52. C12. When your child plays with technologies, how much does he/she show make decisions independently?

*Mark only one oval.*

- ☐ My child is not inspired by the technologies and wants to do something else
- ☐ My child follows what happens
- ☐ My child takes the initiative on her/his own
- ☐ My child sets her/his own goals
- ☐ My child personally owns the experience
- ☐ My child feels they can do things they couldn't do before



## 53. C13. Who does your child play with mostly when using these technologies?



*Check all that apply.*

	Plays mostly on own	Plays mostly with brothers/sisters	Plays mostly with parents	Plays mostly with friends	Plays mostly with online friends they have not met	Doesn't have a preference – plays on own and with others equally	Do not have it
Television	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tablet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobile Phone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Games Console	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Handheld games console	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PC or Laptop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internet connected Portable Media Player	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smart speaker assistants	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smart toy-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

connected to internet							
Electronic toy not connected to the internet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Virtual Reality equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wearable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non- digital toys and playthings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 54. C14. Where does your child play with technology, mainly?



*Check all that apply.*

	Own room	In brother's/sister's room	Shared family room (e.g. living room, kitchen)	Other (e.g. friends, grandparents, relatives)	Outside/Outdoor	Do not have it
Television	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tablet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobile Phone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Games Console	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Handheld games console	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PC or Laptop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internet connected Portable Media Player	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smart speaker assistants	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smart toy-connected to internet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Electronic toy not connected to the internet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Virtual Reality equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wearable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non- digital toys and playthings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

55. C15. Please use the scale below to select the most applicable to your child. Does your child play mostly with non-digital toys or digital toys?

*Mark only one oval.*

	1	2	3	4	5	
Non-digital tools	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Digital tools/technologies

56. C16. Time my child spends playing with technologies is:

*Mark only one oval.*

	1	2	3	4	5	
Too little time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Too much time

57. C17. My child mainly combines the digital and non-digital when playing

*Mark only one oval.*

- ☐ Strongly agree
- ☐ Agree
- ☐ Neither agree nor disagree
- ☐ Disagree
- ☐ Strongly disagree

58. C18. We want to know about how confident you [not your child] are in playing with technology compared to your friends in your age group.

*Mark only one oval.*

- ☐ Not confident at all
- ☐ Not very confident
- ☐ Neither confident nor unconfident
- ☐ Confident
- ☐ Very confident

59. C19. We want to know about how confident you are in helping your child play with technology

*Mark only one oval.*

- ☐ Not confident at all
- ☐ Not very confident
- ☐ Neither confident nor unconfident
- ☐ Confident
- ☐ Very confident

60. C20. We want to know about what skills you feel your child has when playing with technology



Mark only one oval per row.

	Is able to do unassisted	Needs some assistance	Is unable to do /unaware of
Can turn devices on	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Can use key features of devices e.g. turn volume up and down, find apps	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Can navigate age-appropriate apps	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Can locate and get on to a web browser	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Can manage pop-ups by clicking on 'x' to remove them	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Can conduct searches using search terms in a search engine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Can browse, search and filter data, information and digital content*	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Can analyse, compare and evaluate data, information and digital content* (e.g. choose which website gives best information for homework)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Can organize, store and retrieve data, information and content in digital environments* (e.g. can create folders to store files in)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Is able to interact through digital technologies and understand most appropriate uses of phone/text etc.* (e.g. asks to Skype/Facetime family members who live afar)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Can share data, information and digital content with others* (e.g. send photos)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Can create Powerpoint/presentation slides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understands issues relating to data privacy and safety (e.g. not to share name/password)*	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Can create digital content e.g. take photographs/videos*	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Can create virtual worlds using games such as Minecraft	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Can code their own games e.g. using Scratch	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

61. C21. How creative would you say your child is relative to their friends/children their age?

*Mark only one oval.*

- ☐ Less creative
- ☐ About the same
- ☐ More creative

62. C22. In general, how playful would you say your child is relative to their friends/children their age?

*Mark only one oval.*

- ☐ Less playful  
☐ About the same  
☐ More playful

63. C23. In general, how interested in using technology would you say your child is relative to their friends/children their age?

*Mark only one oval.*

- ☐ Less interested  
☐ About the same  
☐ More interested

64. C24. In general, how happy would you say your child is relative their friends/children their age?

*Mark only one oval.*

- ☐ Less  
☐ About the same  
☐ Happier

65. C25. Has your child ever...?

*Check all that apply.*

- ☐ Bought a game online without your knowledge  
☐ Played with their friends over the internet (e.g. on the Xbox)  
☐ Played with family members over the internet (e. on the Xbox)  
☐ Played with people they don't know over the internet (e.g. on the Xbox)  
☐ Played with people they don't know in the physical world  
☐ None of the above  
☐ Other



66. If other, please specify

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#### Section D: Safety /Issues

67. D1. Please indicate how you feel about each of the following statements



Mark only one oval per row.

	Strongly disagree	Tend to disagree	Neither agree /disagree	Tend to agree	Strongly agree
Play is essential for children's learning and development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing with technologies enables my child to come up with new ideas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing with technologies supports my child's ability to concentrate.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing with technologies makes it difficult for my child to regulate her/ his emotions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing with technologies limits my child's physical activity.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing with technologies helps my child to be more sociable	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing with technologies is important for my child to have success in education and life	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playing with technologies limits our time as a family together.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I worry about what	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

technology my child plays with

My child learns a lot from playing with technology/technological toys

☐ ☐ ☐ ☐ ☐

I do not feel the need to supervise my child's use of technology in their play

☐ ☐ ☐ ☐ ☐

I would prefer it if my child just played with non-digital toys

☐ ☐ ☐ ☐ ☐

Playing with technology is essential for my child's well-being and happiness

☐ ☐ ☐ ☐ ☐

My child should spend more time outside rather than playing with technology/technological toys

☐ ☐ ☐ ☐ ☐

I know who my child is playing with online all of the time

☐ ☐ ☐ ☐ ☐

I get bored easily when playing with my child using technology

☐ ☐ ☐ ☐ ☐

Technology helps my child to be creative

☐ ☐ ☐ ☐ ☐

I regularly talk to my child about the things they like to play with using technology

☐ ☐ ☐ ☐ ☐

I know where to get help and advice if I am worried about my child's use of technology in their play

☐ ☐ ☐ ☐ ☐

68. D2. We want to understand how comfortable or uncomfortable you are with your child using these technologies in their play

*Check all that apply.*

	Very uncomfortable	Quite uncomfortable	Neither comfortable nor uncomfortable	Quite comfortable	Very comfortable
Television	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tablet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobile Phone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Games Console	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Handheld games console	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PC or Laptop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internet connected Portable Media Player	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smart speaker assistants	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smart toy- connected to internet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electronic toy not connected to the internet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Virtual Reality equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wearable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Non-  
digital  
toys and  
playthings

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☐☐☐☐☐

69. D3. What is your experience with parental controls?

*Mark only one oval.*

- ☐ Not aware of any parental controls
- ☐ Aware of them, but not sure how to use them
- ☐ Aware of them, but don't use them/don't find them to be useful
- ☐ I regularly use parental controls

70. D4. Do you use any safety features of online sites (e.g SSL certificate, Secure/Verified)

*Mark only one oval.*

- ☐ Not aware of any safety features
- ☐ Aware of them, but not sure how to use them
- ☐ Aware of them, but don't use them/don't find them to be useful
- ☐ I sometimes use safety features
- ☐ I regularly use safety features

71. D5. How concerned are you with these aspects of data privacy?

Mark only one oval per row.

	Not at all concerned	Not very concerned	Neither concerned/not concerned	Somewhat concerned	Very concerned
Toys/devices that collect data on how children use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Toys/devices that collect data on what children say to it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Toys/devices that let people in its vicinity have access via bluetooth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Toys/devices that allow third- parties to have personal data for advertising purposes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hidden advertising in toys/devices (e.g. specific products sponsored in them)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Thank  
you

Thank you for completing this survey! If you would be willing to participate in a 20 minute follow-up interview in October/November, in which we explore some of these issues further, please leave your details below. If we receive more expressions of interest than required, we will select participants based on their profiles in order to ensure a mixture in terms of age of child, gender of child, social class and ethnicity. Randomly selected participant will win a GoPro.

72. Name

73. Cellphone number

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74. Email address

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Thank  
you for  
your  
time

This study is targeted at parents with children aged between 3 and 11 years old. But since you have answered no, the survey will not continue. But please submit so that we record your participation.

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