

- Complete one online social/digital questionnaire during school time in Term 4, 2018. This will take approximately 30 minutes to complete.
- Complete one online critical thinking questionnaire during school time in Term 4, 2018. This will take approximately 30 minutes to complete.
- Complete one online discussion board post in Term 3, 2018. This will take approximately 30 minutes and test argumentation skills within a digital context. Researchers will work with teachers on the activity.
- You may withdraw **any information or data you have provided** up to 18 December 2018.

### What will your parents/caregivers be invited to do?

We would like to invite parents/caregivers to do the following between May 2018 and December 2018:

- Give permission for you to take part;
- Consent to take part and complete one questionnaire in Term 3, 2018, either online or paper-based telling us how they help you with your digital learning at home. This will take approximately 35 minutes to complete. Researchers will email the questionnaire link or provide a stamped, self-addressed envelope with a questionnaire for parents/caregivers who choose to use the paper-based version.

### Privacy and confidentiality

Your privacy and confidentiality is important to us. All researchers involved with the study must act within the rules set up by the University of Auckland Ethics Committee and the New Zealand Privacy Act 1993.

The *Developing in Digital World's* project information (including questionnaires, discussion board posts and consent forms) will be kept securely **on the server network drive** at the Woolf Fisher Research Centre for six years. **Electronic consent information will be stored in a separate database and hard**

**copies will be stored in a locked room.** Data will then be confidentially destroyed and/or deleted after six years.

Any reports, articles or feedback from this research will not identify your school and/or you personally. All the information you provide will remain completely confidential to the researchers.

Your privacy and confidentiality will be protected at all times during the project and after the project is completed.

### If you want to take part

Please sign the Consent Form and email this to the Project Manager, Angela McNicholl, on [a.mcnicholl@auckland.ac.nz](mailto:a.mcnicholl@auckland.ac.nz). If you have questions or would like more information contact the Science Leader, Professor Stuart McNaughton, on: [s.mcnaughton@auckland.ac.nz](mailto:s.mcnaughton@auckland.ac.nz).

#### Key Researchers

Professor Stuart McNaughton – University of Auckland  
 Dr Rebecca Jesson – University of Auckland  
 Dr Rashina Hoda – University of Auckland  
 Professor Elaine Reese – University of Otago  
 Dr Cynthia Greenleaf – WestEd, USA  
 Cath Rau – Kia Ata Mai Educational Trust

#### Project Manager

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### **For any concerns regarding ethical issues you may contact:**

#### The Chair

The University of Auckland Human Participants Ethics Committee  
 The University of Auckland, Research Office – Office of the Vice Chancellor  
 Private Bag 92019, Auckland 1142

Approved by the UNIVERSITY OF AUCKLAND HUMAN PARTICIPANTS ETHICS COMMITTEE on 18 July 2017 for 3 years Reference Number 018422

# DEVELOPING IN DIGITAL WORLDS

## *Phases Two and Three*

## PARTICIPANT INFORMATION SHEET

### Secondary School

### Student

Your school has agreed to take part in the ***Developing in Digital Worlds*** research project. This information sheet outlines what your school has agreed to do and to invite you to take part in Phase Two and Three of the project.



EDUCATION AND SOCIAL WORK  
 WOOLF FISHER RESEARCH CENTRE

## Developing in Digital Worlds Project

If you have previously taken part in Phase One of the **Developing in Digital Worlds** project we appreciate the time, effort and support you have given.

If you are new to the project, welcome! We would like to invite you to take part in the next two phases.

This information sheet describes Phases Two and Three by outlining what your school, teachers, fellow students and parents/caregivers will be invited to do.

In Phase Two we will continue to work with those taking part to help us find out what skills and knowledge you need to succeed in our digital world. This phase starts in May 2018 and ends in December 2018.

Phase Three starts in October 2018 and ends in September 2019. In this phase we will publish our findings.

## The Project Team

The researchers on the *Developing in Digital Worlds* team are from:

- University of Auckland
- Otago University
- WestEd, in the United States
- Kia Ata Mai Trust

The research Science Leader is Professor Stuart McNaughton.

## What are the goals of our project?

Our research will answer 3 questions:

- How does the digital world impact children's thinking and working together?
- What skills and knowledge do children need to benefit from the digital world?
- How can family, teachers and society help children's involvement in the digital world?

## Who is involved?

Our project involves one group of schools with a lot of experience using digital devices in the classroom (e.g., Netbooks), and two groups of schools with less experience (both English and Māori speaking) using digital devices. We want to collect information from teachers (primary and secondary), students (aged 4 to 17), and their parents/caregivers.

## Data collection

In Phase Two we will collect the following data to track the changes in your thinking, social skills and achievement since Phase One:

- Literacy, numeracy and science inquiry data from school based assessments (e.g., asTTle tests, PAT)
- Observations of teacher lessons
- Questionnaires for teachers, students and parents/caregivers
- Student online discussion board activity

*There will be the opportunity to take part in a further two studies which focus on developing 21<sup>st</sup> century skills through:*

- Family guidance
- Digital tools (games)

Participant Information Sheets and Consent Forms for these studies will be provided separately.

All data collected will be coded, entered into databases and analysed by researchers.

## What will happen with the information?

Your data will be collected with information from other children taking part in the study.

We will keep you updated with our results during the project by newsletters, updates on our website, and feedback sessions with schools. In addition, once the research is completed, we will provide a report of the overall findings to the Ministry of Business, Innovation and Employment.

## Does your school have to take part in the study

No, as participation is voluntary.

Your school and individual participants can withdraw from the project at any time without having to give any reason. You may withdraw **any information or data you have provided** up to 18 December 2018.

## What will your school be doing?

Your school has agreed to be involved in the study and will:

- Let staff, students, and parents/caregivers know that the school is taking part;
- Provide contact details for teachers of students (Years 9-12) so researchers can contact them and invite them to take part in one observation of a lesson (Term 3, 2018), and to complete a questionnaire;
- Allow teachers to hand out project information packs to students (Years 9-12) and their parents/caregivers inviting them to take part;
- Teachers will not be responsible for recruiting students and parents/caregivers to participate in the research.
- Allow us to view and compare your school test results (literacy, numeracy and science ) for the next two years of the project;
- Place a link in the school newsletter and/or websites to online Participant Information Sheets and Consent Forms.

## What will you be invited to do?

Both you and your parents/caregivers must give permission for you to take part. If both of you agree, you are required to sign the **Assent form** (under 16 years), your parent/caregiver signs the **Consent Form** and both forms are returned in the Woolf Fisher Research Centre self-seal envelope provided. Students 16 years and over can sign a **Consent Form** for themselves.

Once we receive the Assent/Consent forms, we would like you to do the following between May 2018 and December 2018: