

University of Washington
Assent to Participate in a Research Study
Developing data literacies in children with a visual programming environment

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What are some general things you should know about research studies?

You are being asked to take part in a research study. Your parent, or guardian, needs to give permission for you to be in this study. You do not have to be in this study if you don't want to, even if your parent has already given permission. Being in the study is voluntary. You may choose not to participate, or you may withdraw your consent to be in the study, for any reason, without penalty.

Research studies are designed to obtain new knowledge. This new information may help people in the future. You may gain knowledge on how to program with data using a block-based programming language from being in the research study. There are also risks related to being in research studies.

Deciding not to be in the study or leaving the study before it is done will not affect your relationship with the researcher, or the University of Washington.

Details about this study are discussed below. It is important you understand this information so you can make an informed choice about being in this research study. You will be given a copy of this consent form. If you have any questions about this study, ask the researcher (named above) or other study staff. You can ask questions at any time.

What is the purpose of this study?

The purpose of this research study is to find out how people learn about programming with data by using the Dataland system. The Dataland system is a software tool that lets you program with data by dragging and dropping blocks of code together (like virtual Lego bricks). The programs made with Dataland can analyze and visualize any data in a table format. For example, you can use Dataland to analyze data about s weather in Seattle and make graphs about the number of rainy days.

What will happen if you take part in the study?

If you agree to be in this study, we will ask you to participate in at least one workshop with up to 20 other kids and teens. During the workshop you will use Dataland. The workshop will last for about three hours. There will be up to 10 workshops over the course of three months in 2022, and you can come to as many as you want to.

In some cases, your version of Dataland may look different from your neighbor's in the workshop. During the workshop we may ask you questions like "What kind of projects would you make with Dataland?" and "What did you find most challenging or difficult about using Dataland?". With your permission, we will audio record these conversations. We will ask you before recording the conversation, and if you do not want to be recorded, we will take hand-written notes. Even if you are okay with being recorded, you can ask at any time, that any part of the recordings be deleted.

At the end of the workshop, we will also ask you to fill out an optional survey. All questions on the survey (such as, "Do you agree with the statement: I found Dataland to be confusing") will be optional and you can skip as many questions as you want. We will also collect information on the projects that you make with Dataland, as well as the ways in which you interact with Dataland (e.g., which button you click, or what window you close on the computer screen).

What are the possible benefits from being in this study?

Research is designed to benefit society by gaining new knowledge. By participating in this study, you will learn how to write computer programs that analyze data in Dataland.

What are the possible risks or discomforts involved from being in this study?

We will make every effort to keep information about you confidential. However, there is always a risk of breach of confidentiality. If such a breach occurs, the fact that you participated in the study, and what you did during the study may become public. There is also a risk of feeling frustrated or embarrassed during the research activities (such as, programming, discussion, and show and tell). If you feel uncomfortable, please let researchers know and you can skip any activities that you do not want to do and stop the study at any time.

How will information about you be protected?

We will keep your identity a secret and all information that we collect will be stored in a secure location at University of Washington. We will keep track of which made-up names belong to whom. On any written reports, participants like you will be identified only by made-up names. When we publish or report our findings, we will not identify you.

Although every effort will be made to keep research records private, there may be times when federal or state law requires the disclosure of such records, including personal information. This is very unlikely, but if disclosure is ever required, University of Washington will take steps allowable by law to protect the privacy of personal information. In some cases, your information in this research study could be reviewed by representatives of the University, research sponsors, or government agencies (for example, the FDA) for purposes such as quality control or safety.

Any audio recording that we make when we interview you will be transcribed (written to a document), and then destroyed.

What if you want to stop before your part in the study is complete?

If you don't want to be in this study, you don't have to participate. Remember, being in this study is up to you and no one will be upset if you don't want to participate or even if you change your mind later and want to stop. If you decide to stop, all information collected about you will be deleted.

Will you receive anything for being in this study?

You will not receive anything for taking part in this study.

What if you have questions about this study?

You have the right to ask, and have answered, any questions you may have about this research. If you have questions about the study (including payments), complaints, concerns, you should contact the researchers listed on the first page of this form.

What if you have questions about your rights as a research participant?

All research on human volunteers is reviewed by a committee that works to protect your rights and welfare. If you have questions or concerns about your rights as a research subject, or if you would like to obtain information or offer input, you may contact the Institutional Review Board at 206-543-0098 or by email to hsdinfo@uw.edu.

Participant's Agreement:

I have read the information provided above. I have asked all the questions I have at this time. I voluntarily agree to participate in this research study.

Your signature if you agree to be in the study

Date

Printed name if you agree to be in the study