CONSENT TO PARTICIPATE IN NON-BIOMEDICAL RESEARCH

Digital design and fabrication Outreach activity

[Parents]

PURPOSE OF THE STUDY

Your child is being asked to participate in a research study conducted by Jennifer Jacobs (Ph.D.) from the Expressive Computation Lab (ECL) at the Media Arts and technology department from the University of California Santa Barbara (UCSB).

The purpose of this study is to understand how new tools that blend computation, art and design can impact students’ learning, engagement and self-efficacy in technology, art, and computer science fields. Your child was selected as a possible participant in this study because they are in a school district that is in partnership with the UCSB CSEP office. You should read the information below, and ask questions about anything you do not understand, before deciding whether or not you will allow your child to participate in the study.

PROCEDURES

If you decide to allow your child to participate, we will ask him/her to do the following things:

- Participate in a digital design and fabrication in-person workshop. The workshop will consist of three sessions of 4 hrs each (12 hours in total).
- During the workshop your child will have the opportunity to engage with basic concepts of programming.
- During the workshop your child will have the opportunity to design and create artifacts that are computationally generated and/or digitally fabricated.
- Complete two written surveys about their experience in the workshop.
- Discuss their experience verbally with workshop facilitators.

RISKS

The workshop will involve the use of digital fabrication equipment which does not have sharp edges or areas which might get hot. We may be working with craft tools like scissors during the workshop, and there is a possibility that you could get injured during the workshop. We will have first aid kits on hand to help you with any injuries. Safety procedures will be strictly enforced during this period and your child will be monitored at all times during the use of this equipment and be provided with the required safety equipment (in most cases safety glasses) when applicable.

BENEFITS

If your child participates in this study, they will be able to create technology-enriched art using our tools, learn to program and how to work with different digital design software. They may also be introduced to a larger community of
computational artists and designers. This workshop may also foster achievement, confidence, and self-efficacy in your child. Participating in this research does not guarantee any benefits.

CONFIDENTIALITY

To evaluate the effects of our approach, we will ask your child to complete two written surveys. We may also ask your child to participate in a short verbal interview session in which the audio is recorded. You or your child may choose to end the survey or interview at any time and ask us to delete the audio recording or survey responses.

We will document elements of the workshop through photos and video. If you grant us permission in the media release, we may employ photos and video clips that include your child in academic presentations, publications and teaching situations. We may use or share information from this research for future research studies. This research may be similar to this study or completely different. We will not ask for your additional informed consent for future use. If we share your information with other researchers, when possible it de-identified, which means that it will not contain your child's name or other information that can directly identify your child. We will anonymize all survey and interview responses. Photos and video clips will be identifiable by someone who knows your child, but we will never associate your child's name with these items.

Any information that is obtained in connection with this study and that can be identified with your child will remain confidential and will be disclosed only with your permission or as required by law. Absolute confidentiality cannot be guaranteed, since research documents are not protected from subpoena.

COSTS/PAYMENTS

Your child will not be paid for his/her participation in this study nor will have to pay to participate in the workshop.

RIGHTS TO REFUSE OR WITHDRAWAL

Your child may refuse to participate in the research and still receive any benefits your child would receive if they were not in the study. You may change your mind about being in the study and remove your child after the study has started without penalty or consequences of any kind. The investigator may withdraw your child from this research if circumstances arise which warrant doing so.

CONTACT INFORMATION

If you have any questions about this research project or if you think you may have been injured as a result of your participation, please contact: Dr. Jennifer Jacobs, Principal Investigator, 541-760-2053, jmjacobs@ucsb.edu.

If you have any questions regarding your rights and participation as a research subject, please contact the Human
CONSENT

PARTICIPATION IN RESEARCH IS VOLUNTARY. YOUR SIGNATURE BELOW WILL INDICATE THAT YOU HAVE DECIDED TO ALLOW YOUR CHILD TO PARTICIPATE AS A RESEARCH SUBJECT IN THE STUDY DESCRIBED ABOVE. YOU WILL BE GIVEN A SIGNED AND DATED COPY OF THIS FORM TO KEEP.

MEDIA RELEASE

Please indicate if you give permission to use images or video of your child, obtained in this research, in publications, publicity materials, or presentations.

__Yes, I give permission.

__No, I do not give permission

___________________________.  _____________________________
Name of parent or legal guardian  Signature of parent or legal guardian

Date  Time

PARTICIPATION IN RESEARCH IS VOLUNTARY. YOUR SIGNATURE BELOW WILL INDICATE THAT YOU HAVE DECIDED TO PARTICIPATE AS A RESEARCH SUBJECT IN THE STUDY DESCRIBED ABOVE. YOU WILL BE GIVEN A SIGNED AND DATED COPY OF THIS FORM TO KEEP.

Signature of Parent or Legal Guardian:__________________________ Date:_________ Time:____
ASSENT TO PARTICIPATE IN RESEARCH

Digital design and fabrication Outreach Activity

My name is Jennifer Jacobs, I am a professor at the University of California, Santa Barbara. I lead the Expressive Computation Laboratory and this research project.

PURPOSE

You are being asked to participate in a research study. We are trying to learn more about how people use digital tools to combine computers, arts, and crafts.

PROCEDURE

If you agree to be in this study you will participate in a workshop. You will also have the opportunity to create drawings with computer programming using a digital fabrication machine called a plotter. We will study the activity by documenting your creations and asking you to complete surveys. We may also interview you about your experience.

RISK

We will be working with craft tools like scissors and digital fabrication tools like computer-controlled plotters during the workshop. These are safe tools and it is unlikely that you will be injured in any way.

BENEFITS

If you participate in this study, you will learn how to program and how to use digital fabrication for creating art.

CONFIDENTIALITY

To study the workshop and our tools, we will take photographs and ask you to complete two surveys. We may also videotape sessions and ask you to participate in interview sessions in which the audio is recorded. We may employ photos and video clips in academic presentations, publications and teaching situations. Clips and pictures will be identifiable and could be seen by someone you know but the information you provide in surveys and interviews will not be identifiable. The interviews will be audio recorded. You may choose to end the interview at any time and ask us to delete the audio recording.

We may use or share documentation of the work you create and your responses in surveys and interviews as a part of future research or presentations. If we share your information with others it will not contain your name or other information that can directly identify you.
COSTS/PAYMENTS

There is no cost or payment for participating in the research.

RIGHT TO REFUSE OR WITHDRAW

You may refuse to participate and still receive any benefits you would receive if you were not in the study. You may change your mind about being in the study and quit after the study has started. If you decide not to participate in the research by being interviewed or filling out the surveys, you will still be able to participate in the workshop.

CONTACT INFORMATION

If you have any questions don’t hesitate to call me at (541) 760-2053 or send an email at jmjacobs@ucsb.edu.

If you have any questions regarding your rights and participation as a research subject, please contact the Human Subjects Committee at (805) 893-3807 or hsc@research.ucsb.edu. Or write to the University of California, Human Subjects Committee, Office of Research, Santa Barbara, CA 93106-2050

CONSENT

Signing your name at the bottom means that you agree to be in this study. You and your parents will be given a copy of this form after you have signed it.

Do we have permission to photograph and video record you during the workshop. The photos and videos may be used in our website, publications, or promotional materials.

? Yes, I give permission.

? No, I do not give permission.
PARTICIPATION IN RESEARCH IS VOLUNTARY. YOUR SIGNATURE BELOW WILL INDICATE THAT YOU HAVE DECIDED TO PARTICIPATE AS A RESEARCH SUBJECT IN THE STUDY DESCRIBED ABOVE. YOU WILL BE GIVEN A SIGNED AND DATED COPY OF THIS FORM TO KEEP.

Signature of Participant or Legal Representative: ____________________________ Date: _______ Time: ______