

APPENDIX A

INFORMED CONSENT FORM

RESEARCH STUDY

PROJECT TITLE: Redefine Engineering in Early Childhood through Professional Development

This consent form is being provided in response to a request to invite you to participate in the research project *Redefine Engineering in Early Childhood through Professional Development*. Please understand that there is no requirement to participate and if you choose to participate, you may withdraw participation at any time without consequence.

The purpose of this research project is to examine the impact of a summer intensive professional development (PD) on kindergarten and first grade classroom teachers' content and pedagogical knowledge of engineering, as well as their attitudes and efficacy towards teaching engineering. If you decided to participate in this study, you will attend a five-day summer intensive professional development (PD), learning knowledge, skills, and strategies for teaching engineering to young children. The PD will be video-recorded for reflection, revising, and improving the quality of PD for future implementation. You will be asked to participate in focus-group interviews and complete questionnaires associated with content and pedagogical knowledge, and efficacy scales, and your responses will be recorded using a pseudonym.

There are not any perceived negative effects of participation in this study. However, the researchers may ask to schedule meetings with you to clarify emerging questions. Of course, you are welcomed to decline any requested meeting if you desire without consequence. All physical data will be safely kept in a key locked office drawer organizer inside a key locked office at Early Childhood Education Research Center building. All the digital data will be save on PI's computer with password only access to PI. All the data will be destroyed in 2030. **If you have questions about your rights as a research subject you may contact Office of Research and Sponsored Programs (ORSP) 936-468-6606 or the SFASU IRB at irb@sfasu.edu**

By signing this consent form, you are showing that you understand the purpose and procedures of this study.

Signature

Date

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Informed Consent Checklist

- _____ A statement that the study involves research
- _____ An explanation of the purposes of the research
- _____ The expected duration of the subject's participation
- _____ A description of the procedures to be followed
- _____ Identification of any procedures which are experimental
- _____ A description of any reasonably foreseeable risks of discomforts to the subject
- _____ A description of any benefits to the subject or to others which may reasonably be expected from the research
- _____ A disclosure of appropriate alternative procedures or courses of treatment, if any, that might be advantageous to the subject
- _____ A statement describing the extent, if any, to which confidentiality of records identifying the subject will be maintained
- _____ For research involving more than minimal risk, an explanation as to whether any compensation, and an explanation as to whether any medical treatments are available if injury occurs and, if so, what they consist of, or where further information may be obtained
- _____ An explanation of whom to contact for answers to pertinent questions about the research and research subjects' rights, including faculty sponsor's name and contact information if the investigator is a student
- _____ A statement that participation is voluntary, refusal to participate will involve no penalty or loss of benefits to which the subject is otherwise entitled, and the subject may discontinue participation at any time without penalty or loss of benefits to which the subject is otherwise entitled
- _____ A statement that the subject or the subject's legally authorized representative will receive a copy of the informed consent statement