



FSU Behavioral Consent Form

TRIUMPHS: Transforming Instruction in Undergraduate Mathematics via Primarily Historical Sources

You are invited to participate in a research study that is part of an educational grant funded by the Division of Undergraduate Education of the National Science Foundation (NSF). You were selected as a possible participant because you are a student taking a course in which a primary (historical) source project is used. We ask that you read this form and ask any questions you may have before agreeing to be in the study.

This study is being conducted as part of a collaborative effort by Dr. Kathleen Clark, Associate Professor of Mathematics Education, School of Teacher Education, Florida State University.

Background Information:

The purpose of this study is to support the development, testing, and publication of curricular materials based on primary historical sources in mathematics. In addition to fulfilling the NSF required evaluation component, the result of this study will help us to evaluate the effectiveness of these materials in supporting student learning in mathematics.

Procedures:

If you agree to be in this study, we would ask you to do the following things:

- (1) Complete pre- and post- surveys. The pre-survey should take 30 minutes or less to complete and the post-surveys should take 20 minutes or less to complete.
- (2) For a select number of students (randomly selected across several research sites each year), written student work samples may also be collected and analyzed. Since the student work from the primary source projects will be completed as a part of the course no additional time commitment will be needed.
- (3) A select number of students (randomly selected across several research sites each year) will be invited to participate in pre- and post-interviews. If you are selected, each interview should take 20 minutes or less and will be audio recorded.
- (4) A select number of mathematics course instructors may be invited to participate in an in-depth study to determine the potential for the PSP they

choose to site test to promote students' understanding of underlying rules governing the mathematical content addressed by the PSP. If your instructor is selected, classroom instruction and discussions will be audio and video recorded.

Risks and benefits of being in the Study:

There is minimal risk if you choose to participate in this study. You may feel uncomfortable sharing your views about mathematics and learning mathematics on surveys and in an interview (if you are selected). You may feel nervous about being interviewed if you are selected to do so, or, you may feel nervous about being audio or video recorded during class sessions. Every effort will be made so as not to infringe on your natural classroom participation.

The benefits to participation are that you may gain satisfaction in contributing to the development and evaluation of curricular materials for use in undergraduate mathematics courses.

Compensation:

All eligible consenting students will be entered in a random drawing for one of approximately 20, \$25 Amazon gift cards for their participation in the TRIUMPHS Project. Consenting students with a "complete survey profile" (e.g., completion of all requested surveys: initial pre-course, post-Project, and final post-course) will be eligible for the drawing, which will take place at the conclusion of the semester.

Once the number of consenting students for a given semester are known, you will be notified (via email) of your chances of winning (e.g., if N students consent, your chances of winning will be $N / 20$ (N divided by 20).) At the conclusion of the semester, each student with a complete survey profile will be assigned a random number, and the collection of all assigned random numbers will be used to randomly select 20 recipients of an Amazon gift card. If you are selected to receive a gift card, you will be notified via the email address you provide on this form.

Confidentiality:

The records of this study will be kept private and confidential to the extent permitted by law. In any sort of report that we might publish, we will not include any information that will make it possible to identify a subject. Research records will be stored securely and only researchers will have access to the records. (Research records, including digital voice recordings and interview transcripts, will be stored securely on an external hard drive in a locked cabinet, within a locked office.) Only the researcher will have access to the documents,

recordings, and digital/electronic files, and the researcher will destroy these by August 31, 2020.

Voluntary Nature of the Study:

Participation in this study is voluntary. Your decision whether or not to participate will not affect your current or future relations with Florida State University or the institution in which you are enrolled. If you decide to participate, you are free to not answer any question or withdraw at any time without affecting those relationships.

Contacts and Questions:

The researcher conducting this study is Dr. Kathleen Clark. You may ask any question you have now. If you have questions later, you are encouraged to contact Dr. Clark at:

School of Teacher Education
1114 West Call Street
Tallahassee, Florida 32306-4459
850-644-8497
kclark@fsu.edu

If you have any questions or concerns regarding this study and would like to talk to someone other than the researcher(s), you are encouraged to contact the FSU IRB at 2010 Levy Street, Research Building B, Suite 276, Tallahassee, FL 32306-2742, or 850-644-8633, or by email at humansubjects@fsu.edu

You will be given a copy of this information to keep for your records.

Statement of Consent:

I have read the above information. I have asked questions and have received answers. I consent to participate in the study.

Printed Name

Email Address (most frequently used)

Signature



Date

12 April 2018

Signature of Investigator

Date