

Request #: 541 - TEAL - Dissertation

THE INFLUENCE OF A VALUES AFFIRMATION INTERVENTION ON STUDENTS' SOCIAL, MATHEMATICAL, AND EPISTEMOLOGICAL EMPOWERMENT

Carrie Bala [A01111992] - Doc Student (w/Dr. Beth MacDonald)

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Background

I am investigating the influence of a values affirmation intervention on students' empowerment. Students will be engaging with written reflection on personal values. I will be measuring students' mathematical, social, and epistemological empowerment.

Sample

I will have a collection of 12 math quiz scores for each participant, 3 subscale totals for social empowerment for each participant, and 7 subscale totals for epistemological empowerment for each participant. (Planned) I will also have SES data and English proficiency level data for each participant.

Hypothesis

Participants that engage (more frequently) with the values affirmation interventions will present higher scores in all areas. Differences may exist in these scores dependent on SES and language.

Progress

I have not yet collected data but have practiced using one of the scales in a pilot project.

I also plan on employing multiple regression.

Request

I need to understand how to control for language when my population will be lopsided. (90{\%} native English speakers, 10{\%} Emergent Bilingual).

Am I understanding the necessary sample size for this project?

Timeline

I hope to defend my proposal by the end of May, meaning I need to have my proposal in for review by May 13th.