

Capstone Project Guide

Anna Penner

This capstone project is intended to answer the question: *How does the research recommend changing the instructional practice of social studies educator that support integrating STEAM concepts in their core content?* The school for which I created my project is a STEAM magnet school that encourages all teachers to find and create STEAM connections to their content. While all of the social studies teachers in this school see the benefits of an interdisciplinary classroom, the informal conversations they often mention lacking the necessary professional development to successfully create one. This project is intended to provide that training as well as provide an opportunity for collaboration, evaluation, and adoption of social studies and STEAM integrated lessons.

Professional Development Outline:

1st session: 2 hour PD in the fall before the school year starts

- ❖ [Google Slides](#)
- ❖ [Handout 1](#) - Venn Diagram
- ❖ [Handout 2](#) - STEAM and Social Studies Integration Concepts (could be printed on the back of Handout 1)
- ❖ [Handout 3](#) - STEAM and Social Studies Integration Plan
- ❖ [Handout 4](#) - Collaborative Feedback Guide
- ❖ [Google Survey](#) - Completed by participants to give feedback to the PD instructor

Follow up session: Four 20-minute sessions to happen once quarterly

- ❖ Directions included on final slide of main presentation
- ❖ One teacher per session will create and share out the STEAM and Social Studies Integration Plan
- ❖ When it is not a teacher's turn to share out, they will complete the Collaborative Feedback Guide ([Handout 4](#)) and work with the teacher sharing.
- ❖ [End of Year Summative Survey](#) - to be completed by each teacher at the end of the school year as a reflection of their growth and the professional development process