Creative Components

Iowa State University Capstones, Theses and Dissertations

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Educational Technology Portfolio

Kendal Ausborn
Iowa State University

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Kendal Ausborn

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An educational technology portfolio was completed as a creative component project to meet the requirement for the educational technology masters program in the School of Education at Iowa State University. Artifacts included in this portfolio were aligned to the program's standards of: 1) technology planning and integration, 2) Digital citizenship, 3) Research and assessment, and 4) visionary leadership. A social studies lesson modeling the TPACK model was used for technology planning and integration. A digital infographic created using SMORE was submitted for the digital citizenship artifact. The research and assessment artifact was an action research that was conducted over literature circles and the visionary leadership artifact was a professional development session created about the Seesaw application.

In CI 505: Introduction to Using Technology in Learning and Teaching, I learned about the benefits of using technology integration to enhance student learning. I used the TPACK framework that was discussed during this class to redesign a social studies unit. During this social studies unit on the Midwest Region of the United States, I utilized AEA research websites, Google Slides, Google Docs, and Google VR Expeditions to provide immersive environments for students to better learn content.

As part of CI 507, two other teachers and I created a Digital Citizenship Smore to help fill a need in our own classrooms. The goal of this Smore was to provide quality, engaging activities that allowed students to learn how to be safe and responsible on the internet.

This Smore has been a foundation for digital citizenship learning in my classroom for the past three years. Over the past two years, I was able to use it to teach digital citizenship lessons to around 200 4th-grade students at my school.

During CI 515: Action Research in Education, I examined and practiced the steps that make up the action research process. Throughout this action research project, I focused on student engagement in peer led literature circles. This action research project helped me become a better teacher and leader by allowing me to use the action research process in my classroom as well as in my new role of data team facilitator.

4th Grade Seesaw Presentation

Throughout the entirety of this master's program I have been introduced to new and exciting technologies that are being utilized in education. I am very passionate about technology integration and look to be a leader in technology not only in my grade level and building, but also throughout our school district and community. I have begun creating and sharing the amazing resources that I have discovered throughout my graduate school journey. This artifact highlights one resource that I shared with my grade level and many other educators in my school. It is now being widely used at every grade level in our building.