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Education Technology Portfolio

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Tess Dwyer

Major Professor: Larysa Nadolny

Creative Component

April 23, 2019

Creative Component

Link to portfolio: <https://tbrownlee18.wixsite.com/medisu>

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.

Standard One, Technology Planning and Integration, demonstrates competencies in using models to integrate technology in authentic and meaningful ways. The artifact chosen showed how Flipgrid was implemented in a primary classroom to teach the Social Studies Standards. The TPACK Model was influential in the reflection and the integration process, and one that is continually referred to when planning technology integration.

Standard Two, Digital Citizenship, highlights the understanding of ethics and legal issues around technology integration. A Twitter Chat Project on transformative use from a prior class was submitted to demonstrate this competency. The artifact modeled the understanding of transformative use to guide a Twitter Chat on an ethical and legal topic that many teachers were unfamiliar with. The Chat asked teachers to participate in a discussion guided by pre-determined questions on what transformative use is and how it is implemented in the classroom. It was found that many teachers were unaware of transformative use and the questions created prior to the Chat were too complex for the audience.

Standard 3, Research and Assessment, was met through action research on technology integration in K-2 classrooms, in a large suburban district. This artifact and reflection focused on the growth throughout the research process and the next steps in leadership roles. One action research model was connected to the district professional development model to show the

commonalities between academic and professional research. This artifact demonstrated a strong competency in the area of Research and Assessment.

The artifact aligned to Standard 4, Leadership, was a Padlet Wall to model the use of Seesaw in primary classrooms. This 'wall' was used to teach a summer technology professional development course in a suburban district. The teaching of the PD course highlighted leadership roles, and the impact action research had on leadership growth. The reflection, tied to the artifact, described leadership prior to the MEd program to the present.

To successfully meet Iowa State University's MEd Program standards a website was created to house the four artifacts that met the School of Education's standards. This creative component showed the professional growth in technology integration, digital citizenship, research and assessment, and leadership.