Chad Rex
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Curriculum Design
Statement of Purpose

The International Society for Technology Education (ISTE) has been actively involved in creating national technology standards (NETS) for all students at every grade level. ISTE released standards in 1998 and believes updates to address increased global competition and the evolving nature of technology, and to focus on creativity and innovations are needed (Borja, 2007). As part of the No Child Left Behind Act (NCLB) enacted in 2002 these national standards were formed into state standards in Ohio and continue to be revise within the academic content standards. This federal law requires schools to meet academic accountability standards, measured by student achievement on standardized tests. As the name implies, NCLB insists that every student in the United States achieve a certain level of academic success, and not left behind his or her peers. Schools and individual teachers are held accountable if these standards are not met. As one measure of accountability in the state of Ohio, in accordance with NCLB, students will be required to become technology literate by the end of the 8th grade. This is evidenced through the NETS for Students in creativity, communication, collaboration and other areas (ISTE, 2007).

Ohio has adopted national technology standards which address a broad range of technology experiences. "National technology standards have been created by several organizations in the interest of advancing student achievement" (Ohio Department of Education, 2010). Through a four week unit at the middle school level of grades 6-8 students will be proficient in word processing, spreadsheet, and presentation software

focusing on tools, menus, editing, and transitions and special effects. The students will be introduced to these concepts through hands-on individual and group-based lessons.

By educating all students with lessons that are based on the mandated state technology standards they will pass the assessments proving that they are learning at an acceptable level. These tests will serve as a measuring tool to determine the effectiveness of school and individual teachers. It is the responsibility of the teachers, in order for their students to "measure up," to do all they can to meet the needs of all learners in their classroom. This means that teachers will be required to vary instructional methods and provide interventions to help them develop into productive citizens in the ever-changing world of technologies.

<div align="center">References</div>

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