

Teacher Technology

Activities offered by WCACP to "integrate technology effectively into curricula and instruction, including activities consistent with the principles of universal design for learning."

Web-Centric ACP curriculum incorporates educational technology activities that help new teachers learn to effectively integrate technology into a TEKS-based lesson or project. Our curriculum directors are pioneers in the integration of TEKS-based educational technology activities. They were in the first group to implement project-based, learning center computer mini-labs in their classrooms in the 1990's. They went on to spend ten years each working with EC-12 teachers across the district to update lesson plans to effectively integrate TEKS-based technology into their everyday classroom activities.

With a strong background in classroom technology use, the curriculum directors believe in helping teachers integrate meaningful TEKS-based technology lessons and projects to engage and interest students of the present century. Our curriculum includes using graphic organizers (graphic organizer maker), Blogging, rubric makers, citation makers, Notestar (Project Based Research Learning Tool), word processing, presentation software, databases, and spreadsheets. The seamless integration of technology in the classroom engages the interest of our students making every student an active learner, and a participant in their own learning.

Activities offered by WCACP to "use technology effectively to collect, manage, and analyze data to improve teaching and learning or the purpose of increasing student academic achievement."

The seamless integration of technology in the 21st century classroom engages the interest of our digital students and teachers. Technology tools help teachers track their students' learning progress throughout their academic year. Web-Centric curriculum covers the effective use of technology to collect, manage, and analyze data for the purpose of increasing student academic achievement. Knowing how to effectively use, create, and understand graphs, databases, and spreadsheets to analyze data is valuable for teachers and students, and can be used in project-based learning, everyday lessons, and WebQuests projects to name a few.

Web-Centric students use data for formative assessment, observations, projects, essays, and exams. Our students learn to use Total Participation Techniques (TPT), (Himmele and Himmele, 2009) to actively and cognitively engage students in their learning process. Teachers can graph the results to follow their students' progress throughout the lesson. When teachers learn to use technology effectively through simple and complex projects and assessments, they find students are enjoying the learning process using tools which make the classroom relevant for them.