

Careers Academy at Teq Inc.

Our Hypothetical Case Study

Teq™

Mission Statement

To exceed the expectations of students, teachers, administrators, and parents, by presenting a 14-year progression of segmented, targeted, and tailored curriculum that is designed to prepare students to succeed in the career of their choice.

General Theory

The theory behind our school is this: taking a systematic approach to a 14-year sequence of teaching, learning, and experiencing that culminates in a foundation of knowledge and practical skills specifically targeted towards a career or career area.

We spend the first seven years identifying students' traits and interests while utilizing appropriate technology and technologies in core content areas and beyond.

We spend the next three years segmenting out students and shifting those groups into more targeted curriculum areas focusing on an ever-narrowing area of interest.

The last four years are spent targeting and tailoring their knowledge base and skills development towards a specific career area.

Regardless of the curriculum, social and emotional learning (SEL) and the core content areas of Math and ELA remain constant throughout all levels and areas of interest. Subtle but important shifts in focus impact specific supplemental areas (e.g., Social Studies, Art, History, Music, Phys Ed) and relate directly to the specific area of interest.

Principal Directive

To offer a wide variety of broad-based, multi-curricular, technology-infused, student-directed, and discovery-oriented learning environments for students from PreK through 12th grade.

General Process

To present a progressive expansion of general areas of interest narrowing by grade band to develop the necessary disciplines and skills for a specific career area.

Overview of the Process for PreK-2nd grade

Designing a new approach to progressive exposure technologies designed for early childhood education incorporated in their traditional learning sequences and environments. Common themes include playing, reading, writing, drawing, talking, listening, performing.

Overview of the Process for Grades 3-5

Targeted observation of every student to identify specific interest areas amongst reading/writing, technology, engineering, math, science and research, music, performing arts, and sports, while infusing technology and technologies into the experiential learning process.

Overview of the Process for Grades 6-8

Organizing a more targeted holistic learning experience through the segmentation of disciplines; focusing on a career area based on the identified interests of each student illustrated in the previous grade band; defining targeted curriculum designed to optimize the essential core areas that conform to the requirements of each student's general field of interest.

Overview of the Process for Grades 9-12

Targeting the preparation of specific career area requirements; honing essential knowledge and skills towards that career area; focusing on practical application through the implementation of the critical skills required to succeed in their chosen career area.

Common Themes Throughout K-12

Utilizing technology continuously throughout the 14-year experience, with an emphasis on Advanced Literacy, SEL, and Transferrable Skills.