Worcester Polytechnic Institute
IQP Teaching Practicum

8th Grade Technology/Engineering at Auburn Middle School

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To view e-Portfolio, go to this link: https://sites.google.com/auburn.k12.ma.us/kirstenhart-tpp

Abstract

      In the Spring of 2020, I was a student teacher at Auburn Middle School. During this time, I worked towards receiving my Massachusetts Initial Teaching License in Technology/Engineering while completing my Interactive Qualifying Project. To receive the license, I demonstrated proficiency in six elements: well-structured lessons, adjustments to practice, meeting diverse needs, safe learning environment, high expectations, and reflective practice. I describe my growth in these elements, the classes I taught, and how WPI prepared me for this experience. I have also included sample lesson plans, assessments, and student feedback to further show my development as an educator.

e-Portfolio Outline

I.   Home
II.   Background
III.   Auburn Public Schools
    A. Auburn Middle School
IV.   Essential Elements of CAP
    A. Well-Structured Lessons
    B. Adjustments to Practice
        1. Culturally Responsive Teaching
    C. Meeting Diverse Needs
    D. Safe Learning Environment
    E. High Expectations
    F. Reflective Practice
V.   WPI Experience
VI.   Technology & Engineering Classes
    A. COVID-19: Remote Learning
VII.   Instructional Materials
    A. Assessments
    B. CAP Student Feedback Survey
        1. CAP Student Feedback Survey Results
    C. Student Work
    D. Unit/Lesson Plans
        1. Engineering Design Process
        2. Why Study Tech?
        3. Tools/Materials
        4. Transportation
VIII.   References