

# Worcester Polytechnic Institute

## IQP Teaching Practicum

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8th Grade Technology/Engineering at Auburn Middle School

Kirsten Hart

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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.

### **Acknowledgments**

I would like to thank Tony Camoreyt (my supervising practitioner), Terri Gerhardt (my program supervisor), and Shari Weaver (the Teacher Prep Director) for their assistance during my teaching practicum. Tony, thank you for allowing me into your classroom and your advice throughout my time at AMS. Your input on lesson ideas, management techniques, and general teaching advice were invaluable. You have inspired me both as a teacher and a student. Terri, thank you for your consistent support and feedback on how to improve as a teacher throughout the whole process. You continued to push me to grow as an educator in ways I did not know I was capable of. Shari, thank you for sharing your expertise on the different aspects of teaching and for always being there.

## **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