

Sophia Borden

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CERTIFICATION

Colorado Initial Secondary Teaching Certificate

Mathematics 7-12, Highly Qualified, Colorado
License 00079924

Michigan Secondary Provisional Teaching Certificate

6-12 Mathematics (EX), Highly Qualified, Michigan
6-12 Physics (DE), Highly Qualified, Michigan
License PV0000000798013
American Red Cross First Aid, CPR (Infant, Child, Adult), AED

EDUCATION

2007-Present

Michigan State University

East Lansing, MI

- Currently enrolled in the Master of Arts in Educational Technology program, GPA: 3.92
- Teaching Certification Program, completed in May 2012, GPA: 3.75
- B.S. in Mathematics and teaching minor in Physics, completed in May 2011, GPA: 3.79

EXPERIENCE

2013-2014

Math Teacher, Sheridan High School

Denver, CO

- Taught Algebra 2, Algebra 1, and Math Lab in an urban high school.
- Regularly used pre-assessments and formative assessments to evaluate student understanding and inform decisions on how to improve
- Differentiated lessons, assignments, and assessments to meet students' various needs, learning styles, and IEPs
- Implemented a standards-based, student-centered approach in which students completed lessons at their own pace to ensure mastery of the content
- Developed teaching practice and identified areas of improvement by creating and implementing unit plans, as well as analyzing previous lessons
- Used and adapted curriculum resources with a focus on helping students gain a balance of procedural and conceptual understanding
- Discussed students' performance and worked co-operatively with parents to develop strategies to ensure student success

2011-2012

Student Teacher, Waverly Middle School

Lansing, MI

- Completed a year-long internship in a 7th grade math classroom
- Collaborated with RTI coaches to implement a standards-based Intervention class in which technology was used to identify standards that students struggled with
- Worked with several other teachers in the building to help incorporate the many new pieces of technology into their teaching
- Frequently integrated various forms of technology, providing students with diverse representations and highly engaging experiences to improve understanding

- 2011** **Private Tutor** **Okemos, MI**
- Privately tutored a student during the summer between the student's 5th and 6th grade years to improve skill level in mathematics
 - Administered pre-assessments and formative assessments to evaluate the student's understanding and create an individualized plan for improvement
 - The student saw a significant gain on standardized test scores the following year
- 2008-2011** **Teaching Aide, Michigan State University** **East Lansing, MI**
- Assisted various Lyman Briggs College professors by planning and teaching recitations for Calculus I and II to undergraduate students
 - Offered one-on-one tutoring during weekly scheduled office hours
- 2010-2011** **Holt 9th Grade Campus** **Holt, MI**
- Assisted instructor in a 9th grade geometry classroom
 - Created and taught various lessons with a focus on using high cognitive demand tasks
 - Collaborated with the building's special education paraprofessional to create geometry lessons that were accessible to all learners
- 2009** **Hill Center** **Lansing, MI**
- Worked in an alternative education high school to assist instructors in educating ELL students in an algebra classroom
 - Assisted in a computer-based physics classroom by working with students one-on-one and in small groups
- 2008** **Lansing Eastern International Baccalaureate Magnet High School** **Lansing, MI**
- Tutored students in geometry and chemistry, focusing on conceptual understanding
 - Students' improvements consequentially led them to graduate from the tutoring program

PROFESSIONAL DEVELOPMENT

Professional Development Workshops, Sheridan High School

- English Language Learners
- TCAP Prep
- Conducting Parent-Teacher Conferences
- Differentiation for SPED needs and 504 Legal Issues in the Classroom
- Using Data to Drive Instruction
- Revising and Refining Objectives and DOLs
- Using Technology to Enhance Instruction

Professional Development Workshops, Waverly Middle School

- School-Wide Positive Behavioral Interventions and Supports Training
- Workshops on Marzano's *The Highly Engaged Classroom* and *Vocabulary Games for the Classroom*
- Response to Intervention (RTI) Training

KDP “I Am A TEACHER” Conference; Michigan State University, March 2012

HONORS AND AWARDS

- **Minnie E. Newman Memorial Scholarship** (2007) for leadership and academic achievement
- **Beulah R. Crane Scholarship** (2009) for financial need and academic achievement
- **Herbert T. Graham Chemistry Scholarship** (2009) for financial need and academic achievement
- **Herbert T. Graham Scholarship** in mathematics (2010) for financial need and academic achievement
- **Steller/Knepper Endowed Scholarship for Stellar Scholars** (2010)
- **Steller/Knepper Endowed Scholarship for Stellar Scholars** (2011)
- **Knowles Science Teaching Fellowship Finalist** (2012)

TECHNOLOGY

Proficient in:

Classroom tools and software such as document cameras, Study Island, Smart Boards, Mobi Tablets, iPads, interactive projectors, Einstruction software, Clickers, Infinite Campus and PowerSchool

Mathematical visualization and computation tools such as GeoGebra, Maple, Mathematica, Geometer’s Sketchpad, MATLAB, and TI graphing calculators.

Office Suites including Microsoft Office, Google Applications, LibreOffice, OpenOffice, and Zoho Applications

Website creation using HTML and CSS, as well as other applications such as Weebly, Dreamweaver and Wiki Spaces

Multimedia software and applications including VoiceThread, Picasa, Prezi, Photoshop, infogr.am, Audacity, Jing, Windows Live Movie Maker, Camtasia, Spiderscribe, Bubbl.us, and Slideshare