

# Maria E. Pioneer

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1127 Park Street  
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## Education

**Bachelor of Arts, Mathematics, Grinnell College, Grinnell, IA**  
Secondary Mathematics Iowa Teaching Certification

**May 2009**  
**January 2010**

## Related coursework

Education Principles in a Pluralistic Society, Educational Psychology, Differentiating Instruction, Perspectives on Educational Issues, The Politics of Educational Assessment, Critical Pedagogy and School Reform, Critical Issues in Second Language Acquisition, Nature of Science and Science Teaching, Reading and Writing Youth Culture, Research and Methods in Teaching and Learning in Quantitative Literacy, and Mentored Advanced Project (classroom research)

## Teaching Experience

**Math Lab Tutor, Professor Jane Pioneer, Grinnell College, Grinnell, IA**

**August 2008-Present**

- Tutor students three times a week with questions on Calculus I and II homework in a scheduled review session
- Served as teacher's assistant (TA) for Calculus I class Fall 2009, conducting review sessions, grading homework, and teaching a lesson on Calculus in American Society

**Private Tutor, Sample Elementary, Grinnell, IA**

**August 2008-Present**

- Assist student with reading and math to enhance classroom work and focus on specific struggles
- Work with ten-year-old beginning to struggle with motivation to spark his interest in math (project: design a skate park)
- Volunteer weekly in the classroom with an advanced student to offer challenging problems in order to maintain strong interest in math
- Provide weekly tutoring for student struggling in math to identify struggles and build homework skills

**Classroom Leader, University of Iowa "Engineering is Elementary" Summer Camp, Iowa City, IA**

**Summer 2008**

- Supervised elementary and middle school students during week-long summer camps with an educational focus
- Taught three lessons about engineering under the supervision of on-site host teachers

## Related Work Experience

**Research Assistant, Professor John Pioneer, Grinnell College, Grinnell, IA**

**August 2008-May 2009**

- Transcribed videos, read literature in the field, and contributed weekly to discussion with professor
- Presented research findings at a national conference Spring 2009

**Office Manager, Acme Smith Co., Inc., Sample, KS**

**Summer 2006 & Summer 2007**

- Prioritized daily tasks and tracked billing deadlines
- Created and managed schedules for 5 professional staff members

## Other Experience

**Leader, Connections, Grinnell and Tama, IA**

**Summer 2009**

- Engaged students at the Alternative High School in Tama, IA on projects exploring options beyond graduation
- Organized Grinnell College visit for 14 students to meet faculty, tour the campus, and learn about college life
- Created and distributed a weekly newsletter to students and parents about recent events at the school

## Skills & Languages

Microsoft Office, Inqscribe transcript software

Conversational Spanish, Beginning American Sign Language