

Cristina Cardone

DrawingOnMath.blogspot.com

1 Majestic Way
Salem, MA 01970

978-528-4613
tina.cardone1@gmail.com

Professional Experience

Mathematics Teacher, 2010 - present

Salem High School, Salem, MA

- Instructed classes in Learning Skills Math (substantially separate program for students with Autism or other severe learning disabilities), Fundamentals of Algebra 1 (both contained and mainstreamed students with learning disabilities), Fundamentals of Geometry (mainstreamed students with learning disabilities), Geometry CP, Algebra 2 CP and Honors PreCalculus.
- Designed investigative lessons allowing students to discover concepts and build solid conceptual understanding.

Gay Straight Alliance Advisor, 2008 - present

Salem High School, Salem, MA (2010-present)

Lawrence High Schools, Lawrence, MA (2008-2010)

- Organized events including Day of Silence, Coming Out Day, Ally Week
- Supervised weekly meetings

Mathematics Teacher, 2007 - 2010

Performing and Fine Arts School High School, Lawrence, MA

- Instructed classes in Algebra Foundations (students who arrive to 9th grade unprepared for high school mathematics), Algebra I (college prep and advanced levels), Honors Calculus and AP Calculus.
- Organized Math Fair Springs of 2008-2010. Students conducted independent research and top projects (judged by local mathematicians) were featured in the regional exposition.

Student Teacher, January - May 2007

Holyoke High School, Holyoke, MA

- Instructed two Accelerated Algebra II classes and an Algebra I class.
- Facilitated small group work in AP Statistics class.

Publications

Nix the Tricks, eBook, published 2014. Over 9,000 downloads. NixTheTricks.com

Professional Development: Presenter

Northwest Mathematics Conference, 2014

Invited speaker. Attended regional conference in Portland, Oregon. Presented resources discovered to my department and implemented both lessons and new tools in my classroom.

Twitter Math Camp, 2013, 2014

Presented at and participated in a conference for teachers who collaborate year round via twitter/blogs. (2013)

Conference planning committee, web designer, presenter. (2014)

Explore the MathTwitterBlogosphere, 2013

Co-organized an eight week course for over 100 teachers around the world seeking to join an online community of math educators who freely share resources.

Keeping Learning on Track, 2007-2010

Led monthly professional learning communities with a focus on formative assessment.

Professional Development: Participant

Park City Mathematics Institute, 2011, 2012, 2014

Attended three-week summer program including mathematics study, education workshops and lesson planning group. Table leader. (2012, 2014)

PROMYS, 2008-2010, 2013

Studied Number Theory (2008-2009) and Hyperbolic Geometry (2010) at Boston University during six-week intensive summer courses. Attended and presented at five follow up sessions during the school year on education practices. TA for the Number Theory course. (2013)

National Math and Science Initiative, 2013

Participated in a multi-day training on vertical alignment toward AP courses. Implemented lessons and techniques in my classroom.

Understanding by Design, 2013

Attended a multi-day training on the philosophy and implementation of backwards planning. Collaborated with colleagues to re-write Geometry and PreCalculus curriculum.

National Council for Teachers of Mathematics Conference, 2012

Focus on Math, 2007-2010

Participated in a bi-weekly mathematics study group. Trained in the CME curriculum.

Education and Credentials

Secondary Mathematics Professional Teaching License in Massachusetts: #418972

Post Masters Credit Hours

RETELL, Differentiation, CCSS Standards for Mathematical Practice

Boston University, Boston, MA

Master of Mathematics in Teaching August, 2010 G.P.A.: 3.8

Mount Holyoke College, South Hadley, MA

Bachelor of Arts May, 2007 G.P.A.: 3.8

Major: Mathematics Minor: Secondary Education

Technology Skills

LaTeX (type assignments, typeset a book), Graphing Calculators (teach using TI-83, Nspire), HTML (design and maintain a class webpage, blogs and book webpage), Microsoft Office, Macintosh and Windows computers, iPad