



SARAH A NEWTON

● Math Teacher ●

EDUCATION

Los Angeles Unified School District, District Intern Program
Teaching Certification Program,
June 2010—March 2012

Southern Methodist University
Masters of Arts (all but Thesis),
August 2006 – May 2009
GPA: 3.785
Major: American Religious History

Texas Christian University
Bachelor of Arts,
December 2005
Cum Laude with Dept. Honors
GPA: 3.69
Double Major: Political Science and Religious Studies

CREDENTIALS

Pennsylvania Instructional I
Mathematics 7 – 12
Issued: 6/1/2014
Valid for 6 years

California Single Subject,
Mathematics
Issued: 3/26/2012,
Expires: 4/1/2017

MEMBERSHIPS

National Council of Teachers of Mathematics, 2010 – present

California Mathematics Council, 2010 – present

SKILLS

Technology used in classroom:
SMART Tablet, TI Navigator System, TI Nspire, TI 83, Desmos, Website maintenance

Proficient in Spanish

TEACHING EXPERIENCE

September 2010 – June 2014
East Los Angeles Renaissance Academy (ELARA),
Los Angeles Unified School District, Los Angeles, CA
Mathematics Teacher, Grades 9 – 12

- Courses taught: Algebra 1, Numeracy, Algebra 2, Trigonometry/Math Analysis, AP Calculus AB
- Extracurricular activities sponsored: Anime Club, Academic Decathlon
- Committee Membership: Instructional Leadership Team

Major accomplishments:

- Designed and implemented problem-based curriculum for Algebra 2, Trigonometry/Math Analysis and AP Calculus AB.
- Developed Interactive Notebooks for Algebra 1 and Trigonometry.
- Collaborated with entire math department to design and implement Common Core aligned curriculum in Algebra 1, creating a uniform course for all students at ELARA.
- Implemented Standards-Based Grading in all math courses at ELARA, drastically reducing the percentage of students failing Algebra 1.
- Strategized with ELARA's math team to build a manipulatives-based Numeracy course for struggling 9th graders at ELARA, increasing student's facility with fractions, decimals, percents, and integers.
- Differentiated curriculum for special education students (including Resource Specialist Program students and Special Day Program students), gifted and highly gifted students, and English Language Learners in math courses.
- Communicated with parents in English and Spanish online, in-person, and by phone.
- Launched the Academic Decathlon team at ELARA with 7 students, achieving 45th place (of 72 teams) in Los Angeles Unified School District. Grew the Academic Decathlon team to 20 students, placing 32nd place in the District after only two years.
- Guided seniors in the college application process including scholarship applications (Questbridge and Gates Scholars) and Common Application for private colleges.
- Orchestrated a variety of field trips including visits to the Claremont Colleges, Los Angeles County Museum of Art, Academic Decathlon competitions, and Academic Decathlon workshops (two Saturdays each month).
- Authored and received a grant to purchase 3 TI Navigator Systems. Spearheaded implementation of the Navigator Systems in math classes at ELARA.

TEACHING RELATED EXPERIENCE

December 2009 – December 2010
The Learning Ladder, La Canada, CA
Private Tutor, Grades 3 – 12

August 2007 – May 2010
Southern Methodist University, Dallas, TX
Conduct Officer, Office of the Dean of Student Life

