

Sara B. Vaughn

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EDUCATION

University of North Carolina at Greensboro 2006
M.Ed Concentration in Middle Grades Math

Luther College 1984

B.A., Mathematics, Economics

Served as Mathematics and Logic Tutor on campus

Tutored local middle school geometry students

Tutored local high school math students

GRANTS, HONORS & CREDENTIALS

NCCTM Grant Recipient for portable white boards for the classroom 2018

Secondary Mathematics Teacher of the Year, Guilford County 2018

PAEMST Finalist for the state of North Carolina 2015

National Board of Professional Teaching Standards Fall 2012

District Teacher of the Year Semi-Finalist 2013-2014

School Teacher of the Year 2012-2013

School Rookie Teacher of the Year 2006-2007

LEADERSHIP

President and Past President– NCCTM Central Region 2021-2024

Vice-president Middle Grades Math – NCCTM Central Region 2017-2019

Math department co-chair 2014-2017

PROFESSIONAL DEVELOPMENT HIGHLIGHTS 2010-2019

The HIVE (Presenter 2020) (Open Up Resources Conference) June/July 2020

The HIVE (Presenter 2019) (Open Up Resources Conference) July 2019

Desmos TMC pre-conference 2018

Illustrative Mathematics & Open Up Resources 6-8 Math 2017-2019

Twitter Math Camp (TMC) (Presenter 2017 & 2018) 2016-2018

PTec Piedmont Triad Education Consortium 2016-2017

NCCTM (Presenter 2016, 2017, 2018, 2019) 2015-2018

TEACHING EXPERIENCE

Northwest Middle School, Guilford County Schools, Greensboro, NC	2006-Present
8th Grade Math - Math 1	2016-2017; 2020-Present
Common Core Mathematics; Integrated Math 1	2020-present
8th Grade Math - Math 2	2013-Present
Common Core Mathematics; Integrated Math 2	
8th Grade Math - Math 8	2007-2020
Mathematics for 8th Graders (Common Core after 2012)	
8th Grade Math - Algebra 2	2010-2012
High School Honors level Mathematics course taught to Advanced 8th graders	
8th Grade Math - Geometry	2009-2010, 2012-2013
High School Honors level Mathematics course taught to Advanced 8th graders	
8th Grade Math - Algebra 1	2006-2010
Standard and Advanced classes of Algebra 1	

EDUCATIONAL INVOLVEMENT BEYOND THE CLASSROOM

	2010-2019
Open-Up Resources 6-8 Math Coach	2018-2020
Lead author of weekly twitter chat prompts #OpenUpMath	
Host Zoom webinars outlining curriculum units supporting teachers	
Present sessions on teaching and learning at The Hive	
Global Math Department presentation with other Coaches	January 2019
Blog	
vlogakavaughnlog.blog	2016-Present
Twitter	
#mtbos #iteachmath #OpenUpMath #learnwithIM	2013-Present
Math Club Coach	
Lead weekly math club meetings for 15 to 30 students	2011-2020
NAQT Quiz Bowl Team Assistant Coach	
Assisted with bi-weekly practices and study sessions	
National Qualifying Teams	2014-2019
County Wide Middle School Math Day	
Coordinated competition: question writing, scoring and awards	2011-2012
Mentored successor host school	2013-2015

RELATED EXPERIENCE

Various positions held in the retirement plan industry	1984-2001
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