

Name: **Melissa Fisher**

Email address: mmfisher@rvgs.k12.va.us

Current position at RVGS: Math Department Chairperson, Math Teacher

Degrees:

B.S. Mathematics Virginia Polytechnic Institute and State University

Certificate: Psychology (Double major), Virginia Polytechnic Institute and State University

M.A. Ed. Curriculum and Instruction, Virginia Polytechnic Institute and State University

Post-Baccalaureate Certificate, Mathematics, Radford University

Virginia Department of Education endorsements:

Secondary Endorsement: Mathematics (Grades 6 – 12)

Courses taught at RVGS: Integrated Mathematics, Algebra II, Precalculus, Advanced Placement Calculus AB, Advanced Placement Accelerated Calculus BC, Multivariable Calculus, Fundamentals of Research, Mentorship

Recent conference presentations:

Rafiki Institute of Classical Education in Moshi, Tanzania, Summer 2014

Virginia Advanced Study Strategies Advanced Placement Calculus Session Presenter – Computing Derivatives, Fall 2013

Roanoke Valley Governor’s School Math Chase – Mathematics Laboratory Investigations of Middle School Math Classrooms, Fall 2012

Recent publications:

RVGS Statistical Analysis Procedure Guidebook

Coauthored this with Dr. Tonja Locklear. It is an in-house publication given to all RVGS students to advise them on the proper methods for data analysis.

“7th Grade Mathematics” published by the Rafiki Foundation

Consists of 94 math lessons that will be implemented in Rafiki Schools located in 10 different countries in Africa

Recent professional development activities:

Gifted education courses, 2022 – Present

Pursuing a gifted education endorsement through Longwood University’s professional education graduate courses

Multivariable Calculus Curriculum Development, 2016 – 2018

RVGS offered this course for the first time in its history. I developed all the materials for this course.

Fundamentals of Research Curriculum Development, 2015 – 2017

RVGS restructured this course from its 20-year old model to reflect current skills needed for research and data analysis. I served as the lead on this curriculum development team.

Completed 18 sequential credit hours in graduate level mathematics through Radford University & Virginia Commonwealth University, 2012 – 2014

Taught in Rafiki Foundation Schools in Tanzania, Kenya and Nigeria, Summer 2009, Summer 2011, Summer 2014

Awards:

RVGS Teacher of the Year

Roanoke City Public Schools Teacher of the Year Finalist