

Name: **Melissa Fisher**

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

Current position at RVGS: 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.

“7<sup>th</sup> 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:

Multivariable Calculus Curriculum Development, 2016 – 2018

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