

# Erven S. "Skip" Tyler, Jr.

7800 Timber Drive, Quinton, VA 23141

804-366-4862; [skiptyler89@gmail.com](mailto:skiptyler89@gmail.com)

<http://www.skiptyler.com>

## PROFESSIONAL EXPERIENCE

### **Educational Specialist – Secondary Mathematics, Henrico County Public Schools, Henrico, VA, 2009-Present**

- Support 250+ secondary mathematics teachers and 7 math coaches.
- Use technology to engage and prepare mathematics teachers and students.
- Develop curriculum and assessments aligned to rigorous standards.
- Design, plan, and lead professional development activities for teachers with a focus on research-based best practices and 21<sup>st</sup> century skills in math education.
- Design and maintain websites for instruction and communication.
- Analyze SOL-based data to identify trends, strengths, and weaknesses among students and teachers.
- Foster collaboration between teachers, administrators, and central office personnel.
- Create a positive rapport with students, teachers and administrators.
- Communicate with parents, students, and personnel in the division of instruction.
- Screen and interview applicants for mathematics positions.
- Mentor pre-service and new teachers.
- Coordinate Virginia Department of Education Mathematics Teacher Corps grant.
- Manage Virginia Department of Education Algebra Readiness Initiative budget (approximately \$250,000).
- Review, select, and support digital curriculum as part of an RFP process.

### **Mathematics Teacher, Varina High School, Richmond, VA, 1991 to 2009**

- Taught high school mathematics and computer science courses and served in the following roles:
  - Administrative Aide, 2008-2009
  - VCU Clinical Faculty, 2007-2008
  - Mathematics Department Co-Leader, 2000-2006
  - Mu Alpha Theta (Math Honor Society) sponsor, 1999-2009
  - Baseball/Football coach, 1991-2009
  - Webmaster, 1997-2009

## PROFESSIONAL MEMBERSHIPS AND COMMITTEES

- Virginia Council of Mathematics Supervisors (VCMS), 2009-present
  - Treasurer, 2016-present
- Greater Richmond Council of Teachers of Mathematics (GRCTM), 2014-present
  - President, 2015-present
- Virginia Council of Teachers of Mathematics (VCTM), 2009-present
  - Middle School Representative, 2011-present
- Virginia Department of Education (VDOE)
  - SOL and Curriculum Framework Steering Committee Chair, 2015-2016
  - SOL and Testing Committee, 2011-present
- National Council of Teachers of Mathematics, 2009-present
- Association for Supervision and Curriculum Development, 2011-present

## **EDUCATION**

- Post-graduate Professional Teaching License in Mathematics and Computer Science; expires June 2021
- National Board Certification, October 2004; renewed November 2013
- Master of Arts in Instructional Technology, Virginia Tech, Blacksburg, VA, 2003
- Mathematics Teaching Certification, Christopher Newport University, Newport News, VA, 1990
- Bachelor of Science in Mathematics, Minor in Art, Virginia Tech, Blacksburg, VA, 1989

## **TEACHING AWARDS**

- Varina High School, Top 10 Instructional Leader, 2008
- Japan Fulbright Memorial Fund participant, 2006
- R.E.B. Award for Teaching Excellence finalist, 2006
- Virginia Lottery Excellence in Education Award, 2004
- Scottish Rite Commendation, 2004
- Virginia Region 1 Teacher of the Year, 2004
- Henrico County Teacher of the Year, 2004
- Varina High School Teacher of the Year, 2003
- Radioshack/Tandy Scholars Award for Outstanding Teacher in Mathematics/Science/Computer Science, 1998
- Dean's Apple Award for excellence, 1998

## **LEADERSHIP AND PROFESSIONAL DEVELOPMENT TRAININGS SINCE 2015**

### **National Board for Professional Teaching Standards**

- Virginia National Board Certified Teacher (VA-NBCT) Social Committee Chair, 2016
- Webmaster: VA-NBCT blog, 2015-present
- Webmaster: META/VCU National Board Candidate Support, 2006-present
- NBCT information sessions for Henrico County teachers (4/3/17, 2/16/16)
- NBCT renewal presentations for Henrico County teachers (11/1/16, 11/18/15)

### **State and Regional**

- VDOE SOL Institute – Regional presentations of 2016 SOL content to 50+ math administrators and teachers in Williamsburg and Fredericksburg (3/21/17, 3/22/17)
- VCTM Conference – Presented *Exploring the New 2016 Mathematics Standards of Learning* to ~50 teachers (3/11/17)
- GRCTM Fall/Winter Conferences – organized workshops on instructional practices (2/8/17, 10/18/16, 2/20/16)
- Webmaster: VCU Center for Teacher Leadership (2015-present)

## Henrico County Public Schools

### Cross-curricular

- Preparing for Effective Instruction (2016-present)
  - Organize and lead a committee of instructional specialists, while working with HCPS directors, to create training modules that lead teachers through the process of creating a lesson plan
  - Create presentations and video tutorials include unpacking the curriculum and assuring the alignment of the written, taught, and assessed curriculum
  - Assist with updating and maintaining the Schoology course
- Planning and Observation Alignment Overview – presented to school improvement administrative teams (11/8/16)
- Driving Instructional Feedback with Observation Data – presented to administrators and new leaders with Dr. Steve Castle (8/10/16, 8/4/16, 4/20/16)
- Using Observations to Provide Meaningful Feedback – presented strategies to administrators and new leaders to build instructional capacity through feedback (3/11/16)
- Using Data Tools/Data Analysis to Improve Instruction – presented to administrators and new leaders with Dr. Steve Castle (11/13/15)
- Unpacking the Standards – presented methods on how to develop a common understanding, a deeper meaning, and a stronger application of the standards and curriculum framework to the administrators (8/6/15)
- Observing Co-teaching – presented how to provide facilitative feedback and recommendations for common co-teaching scenarios with Ashley Reyher (2/16/15)
- Video observations – discussed with administrators how to use Swivl and video to support observations and teacher feedback (2015-present)

### Math

- Webmaster: Henrico County Public Schools, Secondary Mathematics (2009-present)
- Instructional Focus meetings – meet monthly with math administrators, math coaches, and math department leaders to discuss strengths and needs within school-improvement schools (2016-present)
- AP Collaborative Sessions - coordinated breakout sessions for AP mathematics teachers (2016-present)
- Instructional Rounds – lead administrators in mathematics classroom observations to develop a shared understanding of what high-quality instruction looks like and how to support it (2015-present)
- Best Practices with the Secondary Math Digital Resources – organized a session for teachers and administrators to learn about the different software products available in Henrico County (8/15/16)
- Secondary Math Administrator trainings – examined data, non-negotiables, best practices, lesson samples and observation tools for use in the secondary mathematics classroom (8/8/16, 8/9/16, 7/26/15, 7/27/15)
- New Teacher Academy – presented general information and instructional content to new mathematics and exceptional education teachers (8/23/16, 8/24/15)
- New Math Teacher Quarterly Meeting – led a check-in support meeting with a panel for new mathematics teachers (11/9/16)
- Make, Take & Share Sessions/Content Academies (Course 1-Algebra 2) – provided instructional activities to math teachers based upon the upcoming pacing guide with

an emphasis on student engagement and best practices – (24 sessions in 2017, 28 sessions in 2016)

- HCPS Math Staff Development Day – organize, coordinate, and lead the annual conference for 250+ math teachers
  - October 2016 – What Manipulatives are in Your Toolbox?
  - October 2015 – If You Want Smart Mathematics Thinkers, You Have to Engage in Smart Mathematics Teaching! (John Almarode)
  - October 2014 – Instructional Planner
  - October 2013 – Performance Tasks and Rubrics
  - October 2012 – Upgrade! Knowledge, Instruction, Assessments
  - October 2011 – Student Engagement
  - October 2010 – Math Life!
- Think Through Math training – provided support at schools and discussed best practices for implementing and monitoring usage (10/4/16, 9/23/15, 8/26/15)
- Praxis II Support Group – facilitated a study group for mathematics teachers who were planning on taking the Praxis II for Mathematics (4/25/16, 4/18/16, 3/21/16, 3/14/16, 3/7/16, 2/10/16)
- TI-84 training – facilitated a two-day session on using graphing calculators as an instructional tool within lessons to increase student engagement (8/13/15, 8/12/15)
- What Manipulatives are in Your Toolbox? – presented to teachers how to make connections among a variety of representations while learning how modeling is used at each grade level (8/10/15, 9/1/16)
- Unpacking the Standards – presented methods to math teachers on developing a common understanding, a deeper meaning, and a stronger application of the standards and curriculum framework with a focus on the process goals (2/16/15, 1/7/15)
- Teaching in a 90-minute block – led teachers in a session on planning a variety of instructional activities within a lesson plan (10/19/16)
- Driving Questions – led teachers in a session to unpack the standards and create essential questions within their lesson plans (9/21/16)
- Student Engagement – led teachers in a session on incorporating instructional strategies, questioning, and practical problems to engage all students (10/17/16)
- Lay Advisory Meeting – met with parents and community members at Moody Middle School to discuss the HCPS mathematics program (11/16/15, 3/16/15)
- Book Study - *Mindset* with department leaders (2015-2016)

### **Other National/Regional Involvement**

- Regional Collaboration – work with math supervisors in other school divisions to unpack the 2016 SOL and develop common instructional materials (2016-present)
- MathScience Innovation Center (MSiC) – serve as the district contact to assist with coordination of professional development and math activities throughout the division (2009-present)
- Laying the Foundation/NMSI trainer – present pre-AP training sessions to teachers throughout the country (2009-present)
- Curriculum writer – helped develop instructional framework for math classes to be taught at CodeRVA (2015-2016)
- Adjunct Faculty Member, Virginia Commonwealth University (2004-2005)

**ADDITIONAL LEADERSHIP AND PROFESSIONAL DEVELOPMENT TRAININGS  
PRIOR TO 2015 AVAILABLE UPON REQUEST**