

Several resources are available to support parents and families, students, and school counselors on the [math4life website](#).

School Counselors in ALL grade bands:

The [Parents/Families](#) tab features a wealth of information for parents and families to support a child's development and understanding of mathematics. The following is a list of subcategories found here:

- » [Nurturing Success](#)
 - Offers ideas for parents/families to assist their child succeed in and have fun with mathematics
- » Each grade band ([PreK-K](#), [1-2](#), [3-5](#), [6-8](#), [9-12](#)) provides links to the following:
 - A Family Guide to Mathematics for the specific grade band
 - SnapShot of Math Standards
 - MHM. The Family Guide
 - Grade-level appropriate resources
- » [ZoomWV Data](#)
 - Provides a source of information for parents/families about high-quality education throughout West Virginia

The [Students](#) tab provides information, resources, and apps for students to promote the value and importance of mathematics.

- » [How Can I Be Successful?](#)
 - Explores why mathematics is important for students
- » Grade bands [1-2](#) and [3-5](#) provide the following links:
 - What Should I Learn?
 - FREE Top Apps and Sites
- » Grade bands [6-8](#) and [9-12](#) provides links to the following:
 - [SAT School Day resources](#) (9-12 only)
 - Top Apps/Sites

High School Counselors:

Pursuant to WVBE [Policy 2510, Assuring the Quality of Education: Regulations for Education Programs](#), the two prescribed (required) mathematics credits for all students are Math I and Math II (Integrated Pathway) or Algebra I and Geometry (Traditional Pathway). Then each student takes two additional personalized mathematics credits for their third and fourth mathematics credits for graduation requirements. The West Virginia Department of Education Office of Teaching and Learning's recommendation for students who move from one pathway to the other is to finish the courses on the student's original pathway via the appropriate virtual course.

The WVDE [Policy 2510 High School Best Practices](#) document on pages 7 through 11 highlights mathematics. This resource details critical information about credits toward graduation as well as guidance regarding a student's post-secondary plans. **Students should check with their chosen higher education institutions regarding mathematics requirements needed for admission as well as scholarship requirements.**

Recommendations when considering personalized third and fourth mathematics credits for students:

- » Recommended College- and Career-Readiness Course Options and Courses Required to be Offered (Third and Fourth Personalized Mathematics Credits)
 - Math III STEM or Math III LA (integrated) and Algebra II (traditional)
 - » *Required for the PROMISE Scholarship and admission to most colleges*
 - Math IV (integrated) and Trigonometry/Pre-calculus (traditional)
 - Applied Statistics
 - Transition Mathematics for Seniors
 - » *Fourth course option only*
 - » *Prepares college-bound students for entry-level credit bearing post-secondary mathematics course*
- » NCAA works with each county/school to develop a list of NCAA approved courses. It is the responsibility of the school to determine which math courses have been approved.
- » Additional Third and Fourth Personalized Credits Course Options (standards are written for specific courses listed)
 - Math I Lab (integrated) and Algebra I Support (traditional)
 - » *One mathematics credit toward graduation when taken in conjunction with Math I or Algebra I*
 - » *Not recognized by colleges and universities or scholarship programs like PROMISE Scholarship*
 - AP Computer Science A
 - Advanced Mathematical Modeling
 - Calculus
 - Computer Science and Mathematics
 - Financial Algebra
 - Math III TR and Math IV TR
 - » *Each course counts as one individual mathematics credit towards graduation*
 - » *Both courses together address all of the standards in Math III*
 - » *Higher education institutions may not recognize Math III TR and Math IV TR as two distinct mathematics courses*
 - Statistics
 - Quantitative Reasoning
 - STEM Readiness
 - Technical Transition Mathematics for Seniors
 - » *Fourth course option only for graduation requirements*
 - » *Created as a CTE embedded credit completer mathematics option*
 - » *May not be recognized by higher education institutions as one of the mathematics course requirements*
 - College mathematics courses and County-created and approved mathematics courses higher than Mathematics III or Algebra II

More resources available on the [math4life website](#). For more information about additional resources, please do not hesitate to reach out to Teresa Bailey, Early and Elementary Mathematics Coordinator, at teresa.bailey@k12.wv.us, Tim Flatley, Middle and Secondary Mathematics Coordinator, at tflatley@k12.wv.us, or Joseph Mastracci, math4life Coordinator, at jmastracci@k12.wv.us.

