



West Virginia

math4life

West Virginia math4life State Professional Learning Plan

Math4life State Professional Learning Resources

WVDE is partnering with national experts in the fields of student engagement, standards-based instruction, rigor and relevance, technology integration, and leading large-scale change to support local districts' professional learning needs. The goal is to provide research-based and proven methods to guide counties as they build, implement, and monitor a sustainable plan for mathematics improvement. Targeted audiences include superintendents, chief instructional leaders, academic coaches, principals, and classroom teachers.

Beginning in the spring of 2019 and continuing for the next three years, the WVDE and the *math4life* Chief Instructional Leaders Advisory Team will work closely with our national partners to address the professional learning needs identified by county school systems.

To date, we are working with three nationally recognized experts in these fields: Dr. Willard Daggett and Weston Kieschnick from the International Center for Leadership in Education and Dr. Richard Cash, of nRich Educational Consulting.

Dr. Willard Daggett will assist county and school *math4life* leadership teams in building a framework to ensure the success of the *math4life* initiative that includes maintaining high expectations for all, monitoring for success, and applying innovative leadership models to support mathematics improvement within a district. We plan to have at least two meetings annually with Dr. Daggett for county leadership members to attend.

Mr. Weston Kieschnick will assist county and school leadership teams with maximizing student engagement by implementing research-based best practices, creating authentic blended learning technology experiences, and cultivating essential character traits of master teachers. Mr. Kieschnick is scheduled to speak to county *math4life* team members February 27, April 17 and 18, and July 22, 2019 and quarterly during the 2019-20 and 2020-21 school years.

Dr. Richard Cash will work with four mathematics teacher cadres throughout the state beginning in the fall of 2019. He will assist the teachers with differentiated instruction, student thinking and learning, and student motivation as applied to mathematics. Elementary and secondary mathematics cadres will be established in both the northern and southern portions of the state and will meet with Dr. Cash three times during the 2019-2020 term. Cadres of new teachers will be created for the 2020-21 and 2021-2022 school years respectively.