

WESTON PUBLIC SCHOOLS
Weston, Connecticut



Math Lab Teacher
Weston High School

Job Goal: To manage and deliver support through the Math Lab, a resource for students seeking support and enrichment in mathematics from Algebra 1 to Calculus. The Math Lab will serve as both an open-access support center and a formal intervention within the school's Multi-Tiered System of Supports (MTSS).

Performance Responsibilities:

Targeted Math Support:

- Provide individual and small-group support to students struggling with concepts in Algebra 1, Geometry, Algebra 2, Pre-Calculus, and Calculus
- Utilize differentiated instructional strategies to support a wide range of learners
- Develop and implement individualized math interventions for students referred by the MTSS team
- Collect and analyze student data to measure the impact of math interventions and adjust strategies accordingly
- Monitor student progress and provide data-driven feedback to the MTSS team, teachers, and families

Collaboration & Instructional Support:

- Partner with teachers to align Math Lab support with curriculum goals
- Collaborate with instructional coaches and service providers to ensure comprehensive support for students in developing problem-solving strategies, conceptual understanding, and mathematical reasoning
- Participate in MTSS meetings to discuss student referrals, progress monitoring, and intervention strategies
- Conduct workshops focused on test preparation, study skills, and strategies for tackling complex problems
- Push-in to classrooms to support teachers as scheduling allows

Management of the Math Lab

- Oversee the day-to-day operations of the Math Lab, ensuring it is a welcoming, structured, and resource-rich environment
- Develop and manage a schedule ensuring students can access math support on a routine basis
- Maintain a collection of print and digital math resources for student use
- Implement tools and strategies for self-directed learning and independent math practice

Qualifications:

- Valid Connecticut certification with endorsement #029
- Master's degree from an accredited institution
- Experience working with high school students in math intervention, instruction, or tutoring
- Strong working knowledge of Pre-Algebra through Calculus, including AP-level concepts
- Ability to collaborate effectively with faculty, MTSS teams, and student support staff
- Ability to differentiate instruction and support a variety of learners
- Familiarity with digital tools in math, including Desmos, graphing calculators, online learning platforms
- Excellent oral and written communication skills

Reports To: Building Principal

Work Year: 187 days

Terms of Employment: as established by the bargaining agreement between the Board of Education and the Weston Teachers' Association