

MILWAUKEE PUBLIC SCHOOLS
GEF Schools – Science Technology Engineering and Math (STEM) Teacher

JOB DESCRIPTION

I. QUALIFICATIONS/EDUCATIONAL REQUIREMENTS

- Wisconsin certification in teaching. Science or Math preferred
- Minimum 3 years' experience working within Milwaukee Public Schools (MPS) as a teacher, coach or administrator
- Minimum 3 years of successful teaching experience in science and/or mathematics
- Evidence of leadership and experience providing professional development in a school-wide program
- Evidence in working successfully with culturally diverse students and their families demonstrating evidence of providing culturally responsive teaching
- Demonstrated commitment to equity and culturally responsive education
- Adept with computer technology (e.g. Word, Excel programs, Web-based programs, online classroom platforms, etc.)
- Excellent problem solving skills and crisis management skills
- Excellent oral and written communication skills.
- Demonstrated leadership in STEM

II. RESPONSIBILITIES

- Assist teachers in teaching STEM concepts to elementary grade students
- Work with individual schools and STEM-trained teachers to provide ongoing mentoring and support
- Research and provide resources to help schools and teachers with instruction
- Attend required STEM meetings and conferences
- Collaborate with and support School Support Teachers, staff and administrators in charge of curriculum and implementation of the program
- Collaborate with the Math and Science Departments and district partners
- Collaborate with community partners to develop resources for STEM teaching and learning.
- Participate in leadership and STEM professional development
- Demonstrate how the mathematical and scientific principles form the foundation of engineering disciplines in order to develop functional and innovative designs to benefit everyone
- Create a positive learning experience and provide the critical soft skills and career linkages that will encourage our students to pursue careers in the STEM fields
- Demonstrate how technology provides the tools to produce the desired outcomes from the design process. Use technology, from tools and equipment, to software, websites, and videos, purposefully in the classroom
- **Provide training to help teachers** create a culture of respect and risk-taking in the classroom where all students feel welcome and free to learn
- Develop a collaborative learning environment where all students work together to learn from each other
- Promote participation in competitions and events that afford opportunities to enjoy all the areas of STEM while applying concepts learned in the classroom

- Engage students in scientific and engineering practices
- Create lessons that combine mathematical skills and scientific concepts through the use of different technological tools.