



MIDLOTHIAN SCHOOL DISTRICT NO. 143

COOK COUNTY, ILLINOIS

MICHAEL A. HOLLINGSWORTH, Superintendent
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Administrative Offices
14959 S. Pulaski Road
Midlothian, IL 60445

POSITION: STEM Teacher

LEVEL: K-8

STARTING DATE: August, 2023

QUALIFICATIONS:

- Valid Illinois Professional Educator License (PEL) with
 - Elementary Education Endorsement
 - Math, Science, and/or Technology Specialist Endorsement (possess or working towards)

REQUIREMENTS:

- Proven ability to gain deep understanding of the content (Science, Technology, Engineering, Math) being taught and the products being used in order to support student learning and success
- Knowledgeable of the Illinois Learning Common Core Standards, Next Generation Science Standards and International Society for Technology in Education Standards.
- Demonstrates successful experience in implementing technology curriculum which enhances student academic achievement.
- Evidence of productive experience with problem-based learning.
- Demonstrates effective problem solving, communication, organization and planning that will bring structure and accountability to the position.
- Possesses effective interpersonal skills to work with students, teachers, administrators and parents in a positive manner.
- Commitment to a continuous process for professional development.

JOB DESCRIPTION:

Job Goal: Under direction of the Assistant Superintendent of Curriculum and Personnel and the Technology Integration Team, the STEM teacher is responsible for the delivery and implementation of STEM-oriented instruction through project-based learning methods. The STEM teacher will encourage student engagement in small-group learning experiences to solve problems through collaboration, communication, creativity, and critical thinking. STEM will be a trimester course for all students grades K-8 in each of the district's three schools. The STEM

lab will move to a different school each trimester and the STEM teacher will be responsible for facilitating that move.

Responsibilities Include:

- Deliver developmentally appropriate STEM-oriented instruction from district approved curriculum through project-based learning methods.
- Adapt and modify instruction to meet the needs of all students.
- Employ a variety of research-based instructional techniques, instructional media, and performance assessments, which guide the learning process toward curriculum goals and student learning.
- Use technology tools to promote active learning, creativity, and collaboration.
- Evaluate and assess performance based learning along with providing regular feedback to students.
- Create a safe learning environment.
- Maintain a detailed inventory and organizational system for all materials, equipment supplies, and lesson plans.
- Troubleshoot all technology utilized in the STEM program.
- Maintain a personal knowledge of the evolving field of science and STEM education theory and trends, hands-on and inquiry-based education, and other pertinent educational philosophy and use this to continue to grow and develop
- Willingness to travel to other schools to facilitate STEM Cafe when time allows in your schedule.
- Organize, develop, and coordinate special STEM events/activities (ie. STEM Family night at each school, clubs).

SALARY: Per Salary Schedule