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Williamsport Elementary

Magnet Program for Science, Technology, Engineering & Math

Ms. Rhonda Smith, Principal

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Program Description:

Highly gifted students will explore the various concepts of Science, Technology, Engineering, and Math (STEM) through different experiences. They will engage in themed cross-grade level STEM activities by learning and building upon each other's ideas, compelling them to use the Engineering Design Process. Students will also be involved in social and emotional lessons through the use of quality literature. Concept-based units will be used to help students develop a deeper understanding and connection between subjects. Students will be immersed in problem-based math lessons in order to link math and real-world experiences. Summer assignments will be completed to launch the school year and "frontload" content. This will increase the depth of unit exploration throughout the school year. Students with high interests in Science, Technology, Engineering, and Math will flourish in this program.

Fast Facts:

1. Campus-Wide STEM Day at Williamsport High School
2. Engagement in numerous activities using the Engineering Design Process
3. Utilization of technology, including laptops, Levo EV3 robots, science probes (temperature, light, magnetism, and electrical), and more
4. Real Life Problem-Based mathematics and Concept Based Learning to enhance deeper connections.
5. Themed Cross Grade level STEM and Social Emotional Learning Experiences

Application Deadline: TBD



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