Assessment

Student-learning in STEM will be assessed through a variety of strategies that evaluate both process and product.

Assessment strategies include:

- **Project-Based Tasks**
- **Performance-Based Assignments**
- **Evaluative Tasks**
- **Observations**
- **Learning Conversations**

Contact Information

For any questions about the Grade 7 STEM program, please feel free to reach out to the teaching team directly via e-mail.

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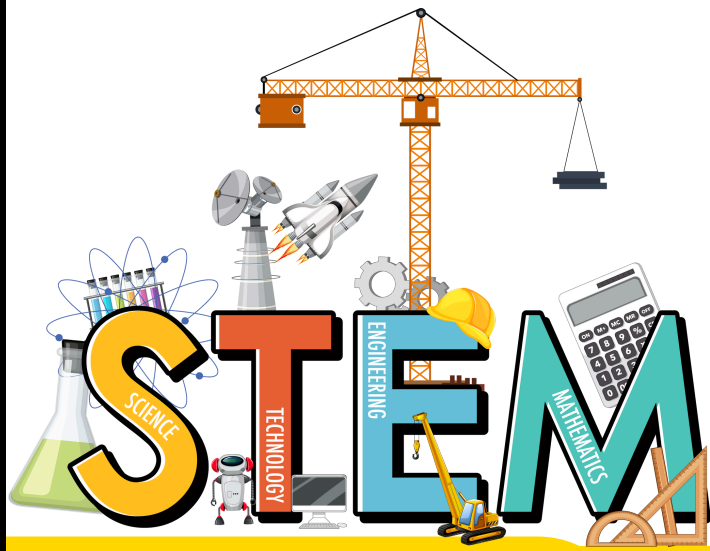
General Wolfe School

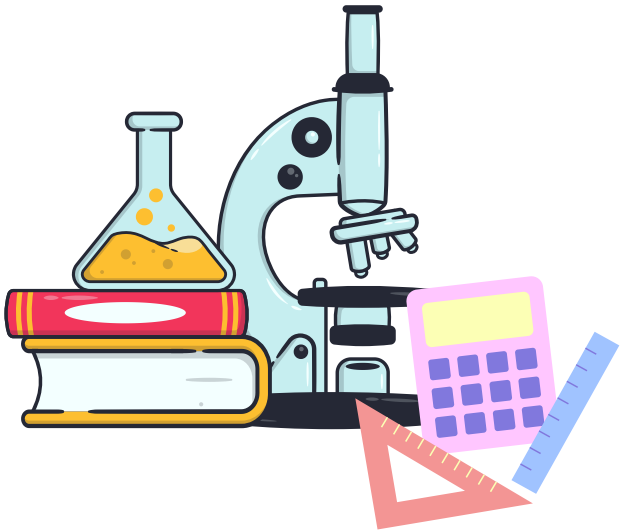


Grade 7 STEM

What is STEM?

In Grade 7, an integrated approach is taken to learning with the STEM curriculum. STEM is an acronym for Science, Technology, Engineering, and Mathematics—four fields that emphasize innovation, problem-solving, and critical thinking.

Students will combine concepts from math, science, and technology to complete hands-on projects that demonstrate their learning across these subjects.



Mathemathics

The Grade 7 mathematics curriculum covers topics such as Rational Numbers, Integer addition and subtraction, Linear Relations, Area, and Measures of Central Tendency.

Students will engage in a variety of activities to deepen their understanding of these concepts, including problem-solving, group collaboration, hands-on learning with manipulatives, and mental math exercises.

Technology

The technology program provides a safe and supportive environment where students can use and study technology to create practical solutions to problems.

Students will gain hands-on experience in areas like coding, robotics, 3D modeling, and 3D printing. They will also build essential skills in troubleshooting and digital literacy, helping them develop technical knowledge and a positive attitude toward technology.

Science

Grade 7 science aims to foster scientific literacy, with a focus on Indigenous Ways of Knowing within the natural world. Students will engage in practical science and develop a scientific identity and an understanding of the nature of science by exploring topics in Matter, Fields, Energy, Space Science, and Life Systems.

The approach to learning will involve project-based activities, hands-on experiments, inquiry and design projects, and class discussions. Students will also develop observation, measurement, and data analysis skills.