# 2026-2027 Parent Letter

**Course**: G7 Science

**Instructor**:

Dear Students and Caregivers,

In Grade 7, students will be introduced to topics in Physical, Earth, and Life science. Students will learn about force and motion, thermal energy, changes in matter, and solutions. They will explore objects in the solar system, gravity, and the characteristics of Earth that make life possible. They will discover how plate tectonics changes Earth's surface and how human activities impact Earth's water. Finally, students will learn about human body systems, classification, and how matter and energy cycle and flow in and out of ecosystems.

This program uses phenomena, events that students might observe in the world around them, to inspire interest in science and guide inquiry. The design of the instructional materials follows the research-based 5E model. This model has 5 phases: Engage, Explore, Explain, Elaborate, and Evaluate. Following this model, activities are sequenced to support deeper understanding.

Caregivers, below are suggestions for you to help your students gain proficiency in science and succeed in this course:

- Look through recently completed content and be sure to ask lots of questions. Encourage students to explain what they have learned in their own words or in their first language.
- Ask about homework assignments and check that your student has completed them.
- Help your student collect materials and information for school activities.
- Advise your student to use computers, tablets, or other devices in school or at the library. If you have a home computer, help your student do research online.

With your help and these strategies, your student can have a fun and successful experience this year!

Cordially,

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Science Teacher