



September 10, 2025

Dear Grade 6 Parents and Guardians,

Welcome to a new and exciting school year at NWES! I am thrilled to partner with you as we support your child's growth and learning through Grade 6. I'd like to share with you an overview of the subjects we'll explore this year.

Subject Highlights

1. English Language Arts (ELA)

Students will focus on three main strands: Speaking & Listening, Reading, and Writing. They will continue developing their reading and writing skills through Reader's and Writer's Workshop. They will continue to learn more about; brainstorming ideas, planning, drafting, revising/ editing, and publishing. Some of the things we will be working on this year are;

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| ☐ Personal/ fictional narratives, | ☐ non-fiction writing |
| ☐ opinion writing | ☐ Poetry |
| ☐ biographies/ autobiographies | ☐ oral presentations |
| ☐ book reviews | |

2. Mathematics

This year's math topics are expansive and engaging! We will spend some time exploring well being in math. We will also explore reasoning strategies and estimation. This year our math program has 8 units. Below is a brief overview of the topics your student will be working on.

Unit 1: Operational Fluency and Measurement

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| ☐ Area, perimeter, volume | ☐ Factors and Multiples |
| ☐ Solving problems with whole numbers and decimals | ☐ Order of Operations |

Unit 2: Exploring Patterns, Equations, and the Cartesian Plane

- ☐ Patterns and Relations (table of values)
- ☐ Patterns and Relations (tables and graphs)
- ☐ Patterns and Relations (number relationships)
- ☐ Preservation of Equality
- ☐ Geometry- Cartesian Plane

Unit 3: Understanding and Problem Solving with Large and Small Numbers

- ☐ Place Value
- ☐ Solving Problems with Whole Numbers and Decimal Numbers (addition and Subtraction)

Unit 4: Investigating Shape, Space, Angle Relationships

- ☐ Angles
- ☐ Triangles
- ☐ Sums of Angles

Unit 5: Operations with Whole Numbers and Decimals

- ☐ Multiplication and Division of Decimals
- ☐ Solving Problems with Whole and Decimal Numbers

Unit 6: Navigating Transformations and Position in Space

- ☐ Geometry- Cartesian Plane
- ☐ Transformational Geometry
- ☐ Integers

Unit 7: Fractions, Ratios, and Percents- Making Sense of Parts and Wholes

- ☐ Improper Fractions and Mixed Numbers
- ☐ Ratios
- ☐ Percents

Unit 8: Data and Probability- Making Sense of Information and Uncertainty

- ☐ Create and analyze line graphs & Collect and analyze data
- ☐ Probability

Learning Across Disciplines: This year, your child won't just learn individual subjects—they'll learn to communicate across them. For example, they might write or present scientific findings (like on energy sources), share insights from social studies topics, or represent health concepts visually using charts or infographics. The following subjects will be integrated into their Language Arts curriculum.

3. Science

Grade 6 science covers a wide array of fascinating topics:

- ☐ Biodiversity: classification, relationships among living things, adaptations for survival
- ☐ Electrical energy: exploring circuits, conduction, series and parallel pathways
- ☐ Renewable vs non-renewable energy and their environmental impacts (climate change, greenhouse effect)
- ☐ Flight principles: lift, movement, prototype testing
- ☐ Space science: the solar system, daily/seasonal cycles, moon phases, tides, eclipses
Space technology and exploration (telescopes, satellites, astronauts' experiences)

4. Social Studies

Under the overarching theme of "World Cultures," students will:

- ☐ Explore the physical environments, traditions, rituals, governments, economies, literature, arts, religion, sports, and recreation from cultures around the globe
- ☐ Develop an understanding of diversity and shared cultural traits
- ☐ Examine the roles of Acadians, African Nova Scotians, Gaels, Mi'kmaq, and other communities—including their traditions and influences on Canada
- ☐ Compare sustainability practices between Canada and other nations

5. Health- Students will dive into topics around building relationships, kindness, health and technology, physical activity and nutrition, marketing and advertising, and safety.

6. Visual Arts- Students will be provided with opportunities to interact with sensitivity to and respect for their own art and that of others. Students will work independently and collaboratively while creating artwork. Activities may include painting, drawing, sculpting, multimedia, printmaking textiles and design. We will look at art in various cultures and attempt some of the skills and materials used.

7. Information and Communication Technology- Students will have the opportunity to access technology in multiple subjects. While using technology they will have the chance to work on safety and privacy, ethical use, research, problem solving & decision making, coding, productivity and innovation.

8. Other Subjects- Your student will also participate in **Gym, Music and Core French**

What This Means for Your Child

- ☐ **Engagement:** Hands-on learning through experiments, prototyping, and real-world examples.
- ☐ **Critical Thinking:** Comparing cultures, analyzing energy use, building scientific understanding through circuits and flight.
- ☐ **Communication Skills:** Building richer vocabulary and expressive tools across reading, writing, speaking, and visual media.
- ☐ **Cultural Awareness:** Deepening appreciation for Nova Scotia's diverse heritage and those around the world.

Assessment

Student learning will be assessed in a variety of ways throughout the year. I use a balance of **formative assessments** (such as class discussions, observations, journals, exit tickets, and check-ins) and **summative assessments** (such as projects, presentations, and quizzes). Students will also have opportunities to reflect on their own learning and set goals. Assessment is ongoing and designed to give me a clear picture of each student's progress, while also helping them grow as independent learners. I will provide regular feedback, and formal progress will be shared through report cards and parent-teacher meetings.

Staying Connected

I'll be sending regular updates, examples of student learning, and opportunities for you to support your child at home. If you'd like access to curriculum guides or additional resources, feel free to reach out.

Warmest regards,

Bonnie Jean Cain