

# WELCOME TO GRADE 4

-MS. BOYKO - MRS. MACPHERSON - MRS. MCKAY-SMITH - MRS. HILL - MRS. TURNER



2023-2024 SCHOOL YEAR

# HOUSEKEEPING

- Google Classroom- Check often for updates
- Shoes - indoor and outdoor shoes are required
- Teacher Communication

The best way to contact your child's teacher is through email.

- Mrs. Hill [lahill@cbe.ab.ca](mailto:lahill@cbe.ab.ca)
- Mrs. McKay-Smith - [sdmckaysmit@cbe.ab.ca](mailto:sdmckaysmit@cbe.ab.ca)
- Mrs. Turner - [blturner@cbe.ab.ca](mailto:blturner@cbe.ab.ca)
- Ms. Boyko- [scboyko@cbe.ab.ca](mailto:scboyko@cbe.ab.ca)
- Ms. MacPherson- [mlmacpherson@cbe.ab.ca](mailto:mlmacpherson@cbe.ab.ca)



# HOUSEKEEPING CONTINUED...

- Snacks - please make sure your child has a healthy snack for morning snack time. Please no nut/peanut products.
- Daily Routine
- Dressing for the Weather
- Walking to Nose Hill
- Field Trips/Volunteers
- Library Books
- Dismissal Times



# LEARNING EXPECTATIONS

- It is important that students become aware of themselves as learners and gain greater independence as we progress throughout the year.
- Students are responsible for completing work in class. When work is incomplete or missed, students will be responsible for completing it with the support of both teachers and parents.
- Students are encouraged to continue classroom conversations with their families. Please see the Google Classroom Stream for possible conversation starters with your child.

# CBE Digital Citizenship Competencies

**Respectful**



**Informed**



**Involved**



**Balanced**



**Safe**



**Responsible**



# OUR GOALS FOR GRADE 4

- Self Awareness
- Goal setting
- Advocating for themselves
- Building focus or stamina

# MATH

- **Number Sense:** students apply place value to include decimals up to hundredths
- **Multiplication and Division:** multiply and divide to 10 000
- **Addition/Subtraction:** within 10 000 including decimal numbers to hundredths
- **Fractions:** understanding equivalent fractions and interpreting percentages
- **Patterns and Relations:** General sequence, arithmetic sequences, geometric sequences
- **Data Analysis**
- **Time**
- **Geometry:** classifying shapes and angles

# Mathematical Discourse

Mathematics discourse occurs when students are engaged in communication about their mathematical thinking and reasoning in verbal, written, or visual forms. Through rich discussion, students exchange ideas, agree, disagree, conjecture, and justify their thinking as they make sense of the mathematics together (NCTM, 2014).

Mathematics is not a discipline that occurs in isolation. Mathematicians talk to each other about their ideas, solutions, and struggles. Math is a social phenomenon!

Students at Edgemont School are being presented with opportunities to communicate their math learning verbally, visually, and symbolically to their peers.

In order to facilitate this, teachers are introducing and using specific mathematical vocabulary that students are using to make sense of their own thinking and communicate with others. During whole class and small group conversation, students use the sentence starters, 'I agree,' or 'I respectfully disagree,' to share their learning.

# Mathematical Algorithms

A mathematical algorithm can be defined as a procedure that is used when solving mathematical problems.

Algorithms are not standard around the world. There are many algorithms to solve a problem and multiple algorithms for each operation (addition, subtraction, multiplication, division)

Students will be exposed to a variety of algorithms through a teaching process known as Number Talks. The goal is to create a strong number sense and flexibility with a variety of skills.

<https://mrsoclassroom.wordpress.com/2014/11/13/what-is-wrong-with-an-algorithm/>

# SCIENCE

- Scientific Methods: Relate Investigation to building knowledge
- Waste and Our World
- Plant Growth and Changes
- Light and Shadow
- Wheels and Levers
- Building Devices and Vehicles that Moves

# SOCIAL STUDIES

- Grade 4 students will explore the geographic, cultural, linguistic, economic, and historical characteristics that define quality of life in Alberta
  - Alberta: A Sense of The Land
  - Alberta: The Stories, Histories and People of Alberta
  - Alberta: Celebrations and Challenges

# LITERACY

- Communication of ideas and information.
- Listening and speaking skills and strategies
- Building vocabulary
- Morphology (Parts of words such prefixes and suffixes)
- Apply fluency strategies and develop reading comprehension.
- Making connections to personal experiences
- Writing and research processes

# Phonological Awareness



Why Phonological awareness? When students struggle in reading and writing it is usually because they haven't had explicit instruction in Phonological awareness.

Phonological awareness is a broad skill that includes identifying and manipulating units of oral language – parts such as words, syllables, and onsets and rimes. Children who have phonological awareness are able to identify and make oral rhymes, can clap out the number of syllables in a word, and can recognize words with the same initial sounds like 'money' and 'mother.' -taken from [Reading Rockets](#)

Phonological awareness activities help children to hear and manipulate individual sounds.

Phonological awareness is built through quick and consistent exercises aimed at identifying, segmenting, blending, substituting, deleting and manipulating phonemes (sounds). E.g. Heggerty and One Minute activities

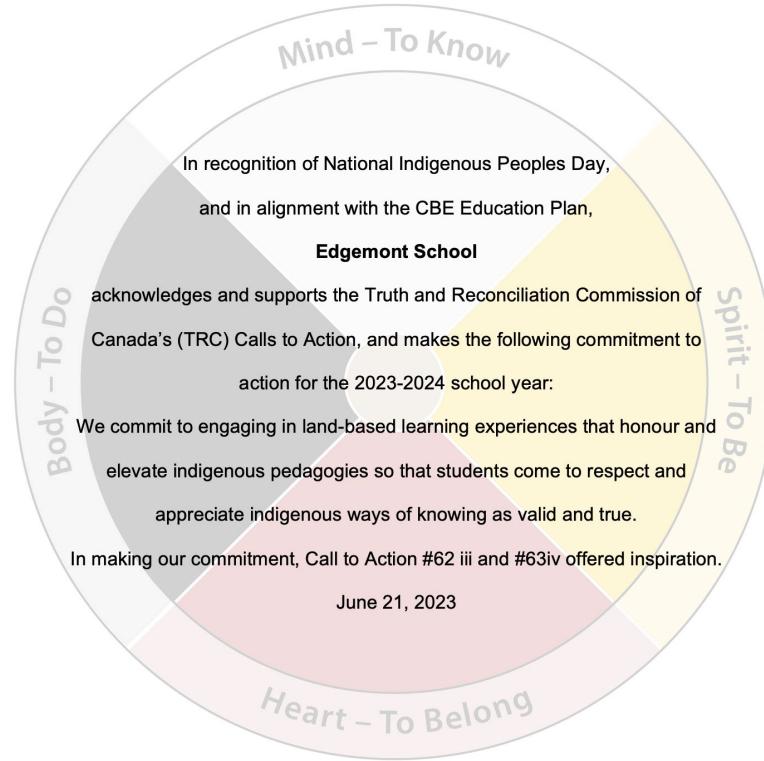
Decodable texts are a tool for intentional instruction that ensures that students are taught the code before reading the text. They are decodable because students know and are confident in the code. ([You may want to share an example of a decodable text](#))

# LAND-BASED LEARNING AT EDGEMONT SCHOOL

Edgemont School has the gift of being located close to multiple natural sites within walking distance. Nose Hill Park, the Ravine, and the Edgemont Wetlands are natural spaces that provide wonderful learning opportunities.

This year, in alignment with our commitment to acknowledge and support the Truth and Reconciliation Commission of Canada's (TRC) Calls to Action, all students will benefit from land-based learning experiences.

Through the four seasons, students will be going on at least four walking field trips to Nose Hill Park and the Ravine. We hope for support in this work with the generosity of our parent volunteers!



# Physical Education / Wellness

In physical education and wellness, students are supported on their journey of achieving well-being through a healthy school community that promotes and emphasizes active living, personal health and development, healthy relationships, and financial literacy.

Daily Physical Activity (DPA) - 30 minutes / day - classes taught by Mr. Bulloch (Mr. Quinney's guest teacher), Mr. Thomas and classroom teachers.

Active Living Pursuit Highlights this year:

- Grades 1, 3 & 5 - Lacrosse Residency - Elev8 Lacrosse - week long field lacrosse skill development
- Grade 2 - Swimming lessons in the spring of 2024
- Grade 4 - Sport Ball Residency - tennis, golf & volleyball

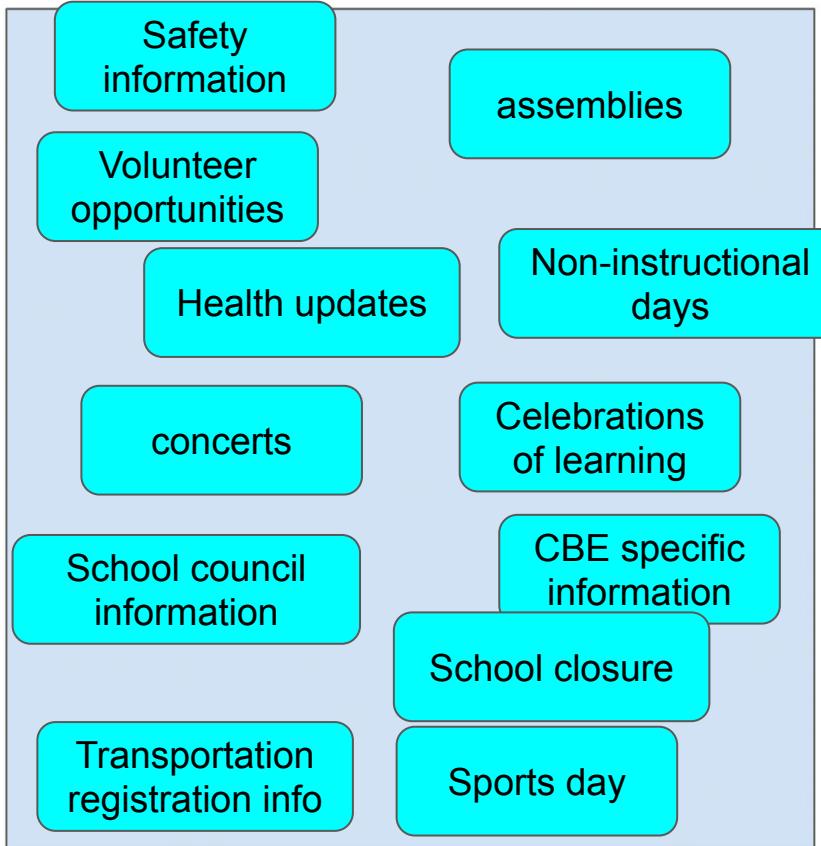
Wellness topics - taught by all teachers and staff

*During the OPEN HOUSE, please come and see Mr. Thomas in the gym :-)*



# School Messenger Messages and CASL legislation

## General Message



## Commercial Message



# Opt in to school messenger messages here

We will never share your information with anyone outside the CBE.



# QUESTIONS

- Thank you for coming!
- Feel free to let your student show you around our learning space and visit the book fair.
- A reminder to please complete the parent feedback questionnaire.