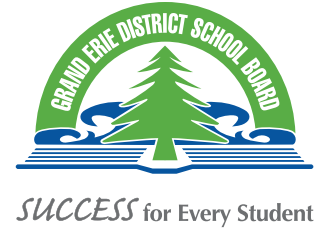


Grade 4



Literacy Calendar

Grand Erie values languages and home cultures. We invite all our families and students to complete some of these activities in English, French, or their own first/home language.

Date

Activity

**Monday,
May 25**

Read the article “Zamboni Drivers Subs as NHL Goalie, Becomes a Hockey Hero”

<https://teachingkidsnews.com/2020/02/23/zamboni-driver-subs-as-nhl-goalie-becomes-a-hockey-hero/>

In the second period of the game, Ayres let in two goals and it looked like the Leafs were going to win easily. What do you think Ayres was thinking in the dressing room after the second period? What do you think he told himself, in order to do better after that? What, in this article, tells you how the Carolina team reacted? How do you think their reaction helped Ayres?

**Tuesday,
May 26**

Find another news article to read (On the TKN website, on a newspaper website or in a printed newspaper).

Discuss with an adult what are some features in news articles that are different from a story? For example: images with captions, quotes, headlines, paragraph structure, word choice.

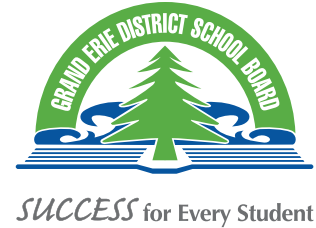
What is the importance of the headline? Do you think this is a good headline? What are the qualities of a good headline? How might you change the headline to get people to read the article?

**Wednesday,
May 27**

Brainstorm a list of 4 or 5 events you would like to write a news article about. (News, Arts, Sports etc).

Choose one and do some research about it. (Read about it on the internet, interview people who know something about it, watch a couple of videos about it). Take some notes about interesting facts, opinions, and background information.

Grade 4



Literacy Calendar

Grand Erie values languages and home cultures. We invite all our families and students to complete some of these activities in English, French, or their own first/home language.

Date

Activity

**Thursday,
May 28**

Organize your information in a way that makes sense and that interests your reader. Write a rough draft of your article. Share your ideas with someone else and make some adjustments they suggest. What would be a good headline for your article?

**Friday,
May 29**

Read over your article and make improvements. Would any pictures, captions, data or graphs add to your article? Create your good copy. Find a family member or friend to share it with. Ask if they found it interesting or if there is still information they would like to know. You might want to find out together!

Sources:

Teaching Kids News: <https://teachingkidsnews.com>

<https://www.classroomconnection.ca/for-the-record.html>

Grade 4



SUCCESS for Every Student

Numeracy Calendar

Date

Activity

**Monday,
May 25**

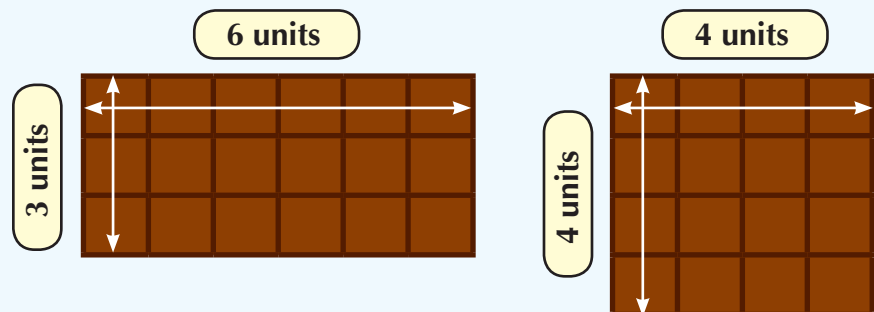
Which of these phrases do you think doesn't belong? Why? Does a member of your household have a different answer?

- 3 times as many as 8
- 4 times as many as 6
- 6 times as many as 3
- 2 times as many as 12

**Tuesday,
May 26**

Would you Rather?

Two chocolate bars have square pieces. You will give one chocolate bar to a family member, and you will keep one. Which chocolate bar would you rather give to a family member? Why?



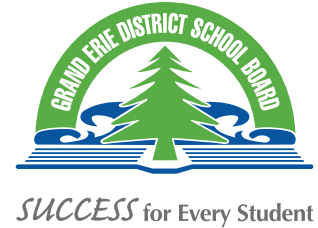
Chocolate Bar A

Chocolate Bar B

**Wednesday,
May 27**

Try this activity with a sibling or adult in your home. One person poses in an interesting way. The other person creates the *reflection* of the pose across from their partner. It should look like you are looking in a mirror. Try this with a variety of different poses at different heights and with a different number of points touching the floor. Be creative!

Grade 4



Numeracy Calendar

Date

Activity

**Thursday,
May 28**

Would you Rather?

You get a job delivering newspapers. How would you rather be paid? Why?

Option A: Earn \$1 for every 3 newspapers OR

Option B: Earn \$2 for every 5 newspapers

Tip: Patterning charts might help you.

How much will you have earned for each option if you delivered 30 newspapers?

**Friday,
May 29**

Play a game of Human Rock, Paper Scissors. Rather than making the symbol with your hand, use your whole body. Crouch down small for the rock, jump up like a star with your arms and legs out for paper and jump one leg back and one leg forward with arms opposite legs in a scissor lunge for scissors, or create your own actions.

What is the probability that your partner will play a rock?

What is the probability that your partner will not play scissors?

Play 20 rounds and record what action your partner does each time.

How many times did they make a rock? Scissors? Paper? What was the probability of each?

Would you expect the same results if you played 100 rounds?

Grade 4



SUCCESS for Every Student

Numeracy Calendar

Date

Activity

Sources:

www.NCTM.org

Teaching Math with Meaning, Kathy Marks Krpan, 2018.

www.mathies.ca – Relational Rods Tool, Set Tool and Pattern Blocks

https://mathies.ca/files/representationCards/Tallies_0_to_50_AODA.pdf

<https://nrich.maths.org/145> - magic plant

<https://nrich.maths.org/159> - splitting plant

<https://nrich.maths.org/1159> - take the right angle

A Guide to Effective Instruction in Mathematics Grades 1-3 Geometry and Spatial Sense 2016

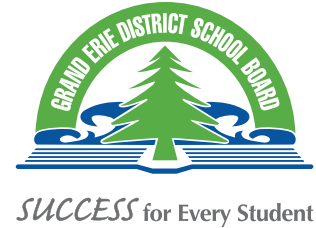
A Guide to Effective Instruction in Mathematics Kindergarten to Grade 3 Data Management and Probability 2007

Taking Shape: Activities to Develop Geometric and Spatial Thinking, Grades K-2, J. Moss, C. Bruce, B. Caswel, T. Flynn, Z. Hawes, 2016.

Small, Marian. Open Questions for the Three-Part Lesson – Geometry and Spatial Sense/Data Management and Probability. Grades 4-8

Inspiration from: <https://www.wouldyourathermath.com/category/3to5/>

Grade 4



Science

May 25 - May 29

Big Idea - Understanding Structures and Mechanisms

Explore the impact of pulleys and gears on society and the environment.

Option 1

Reflect on and answer the following questions:

Elevators and other lift devices use pulleys and gear systems. How do these machines make buildings accessible for people with physical needs and disabilities and impact on how they live their lives?

Elevators run using a large amount of electricity. What impact does this have on our environment?

Think of one creative solution for how we might design our buildings and communities differently so that the needs of people are met in a way that is more sustainable?

Option 2

A clothesline and a clothes dryer both use pulleys and gears to dry clothes. Use a T-chart to compare the advantages and disadvantage of using a clothes dryer or a clothesline. Keep in mind the day-to-day conveniences as well as the long-term environmental impacts.

Option 3

Gears help to reduce the effort needed to pedal a bicycle, but riding a bicycle still requires more effort and takes longer than driving a car to the same destination. However, riding a bicycle is more environmentally friendly because it does not use fossil fuel. How could we minimize the impacts of driving a car and maximize the positive impacts of cycling in our communities?

Design a neighbourhood community with homes, grocery stores, restaurants etc. so that it supports the use of cars and bicycles in a way that is more environmentally sustainable.

Grade 4



Science

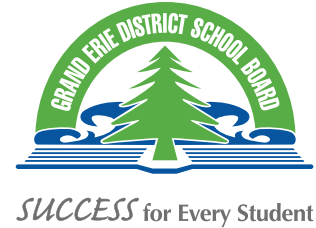
May 25 - May 29

Students must have the appropriate supervision for safety when completing these science tasks. Adult participation is required for safety when completing some of the science tasks. If you have any concerns with completing these science tasks, please don't attempt them.

Prompts for discussion:

- Can you name some machines that use pulleys and gears?
- How do they help us live and work in our lives every day?
- What are some of negative impacts that these machines have in our lives?

Grade 4



Social Studies

May 25- May 29

Big Idea - People and Environments

Political regions in Canada share similar and different sets of characteristics.

Option 1

A municipality is a city, town, etc. that has its own government for local affairs, like city planning and services. Municipalities are governed by councils. The council works together to make decisions about how to spend financial resources and provide services in the community.

Source:

<https://www.amo.on.ca/AMO-Content/Municipal-101/How-Municipal-Government-Works>
and...

<https://www.yourdictionary.com/municipality>

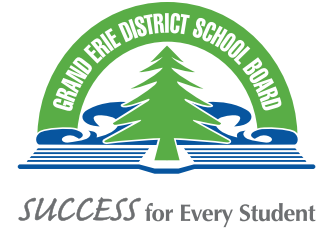
Name the municipality you live in. Brainstorm a list of at least 7 services that are provided by your municipality.

Option 2

Band is a term the Canadian government uses to refer to certain First Nations communities. Bands function as municipalities. They are managed by elected band councils according to the laws of the Indian Act. Today, some bands prefer to call themselves First Nations. As of 2020, the Government of Canada recognized 619 First Nations in Canada.

Bands are governed by councils consisting of one chief and one councilor per every 100 band members. All band councilors and chiefs are elected by members of the band. Elections are often held every two years, but the Indian Act does allow for bands to create different election customs.' (Note: Some changes were made in 2015 and some communities have moved to hold elections every 3 to 4 years.)

Grade 4



Social Studies

May 25 - May 29

Option 2 Continued...

In addition to band government, some First Nations, such as the Haida and Kwakwaka'wakw, recognize hereditary chiefs. These are leaders who have inherited their titles and governing powers from traditional ruling families. The Indian Act, however, only recognizes elected band leaders. This means that some bands have two forms of leadership — elected and hereditary chiefs. While this system can cause friction, it can also encourage partnership and a division of responsibilities.

Bands can unite to form a tribal council, which is a larger governing group that has specific political, economic, regional and social aims or interests. For example, the Kee Tas Kee Now Tribal Council in Alberta includes five separate bands or First Nations: Loon River Cree, Lubicon Lake, Peerless Trout First Nation, Whitefish Lake, and Woodland Cree First Nation. Collectively, these bands provide services, such as education and health care, to their members. These particular bands also make up some of the Treaty 8 First Nations, which have their own interests in treaty rights and land claims.'

Source:

<https://thecanadianencyclopedia.ca/en/article/band>

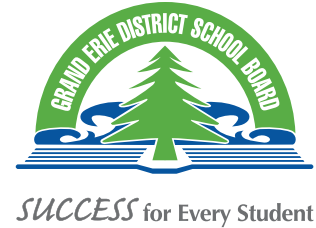
Read the content at the Haudenosaunee Confederacy website:

<https://www.haudenosauneeconfederacy.com/government/>

Reflection Questions

- What are elected chiefs?
- How often are elections held for the band?
- What are hereditary chiefs?
- What process do the nations of the Haudenosaunee Confederacy work through to come to a mutual agreement on decisions?
- What possible 'friction' could arise from having two systems of governance?
- What might the possible benefits be from multiple councils joining together?

Grade 4



Social Studies

May 25 - May 29

Option 3

Visit the Government of Canada's Website, Discover Canada – Canada's Region, at:

<https://www.canada.ca/en/immigration-refugees-citizenship/corporate/publications-manuals/discover-canada/read-online/canadas-regions.html>

What region would you like to live and work in? Why would people want to live there? (i.e. cities and communities, employment, nature environment, hobbies, entertainment, climate, etc.). Create a poster or a flyer that will persuade people to move to that region.

Prompts for discussion:

- How many provinces and territories are there in Canada?
- What are the major differences between East coast and West coast provinces?
- Canada is a diverse country. Name 5 characteristics that can be celebrated.