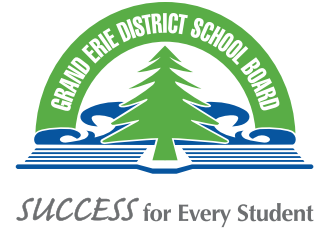


Grade 6



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, “Astronauts Will Turn Trash Into Tools”:
<https://teachingkidsnews.com/2016/10/23/astronauts-will-turn-trash-tools/>

When you read the article about 3D printing in space, what information did you gain? What questions were left unanswered? After you watched the video about 3D printing, did you gain a better or different understanding of 3D printing? How did this medium (a video) change your understanding?

In the video, the interviewer exclaimed, “Wow! This changes everything!” when he was talking about the 3D printer. What does he mean? What does it change for astronauts in space and the space program? What does it change for people here on earth?

**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 6



SUCCESS for Every Student

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 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.

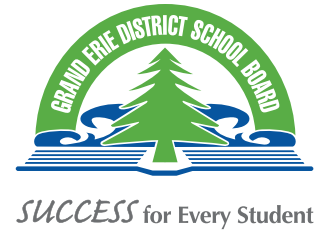
You might want to find out together!

Sources:

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

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

Grade 6



Numeracy Calendar

Date

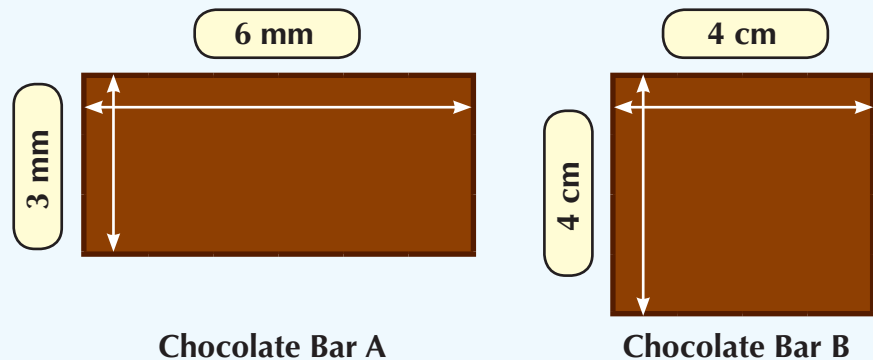
Activity

**Monday,
May 25**

1,000,000 potatoes might have a mass that is the same as about 5,000 people. Think about 1,000 000,bugs, 1,000,000 dimes, 1,000,000 people or 1,000,000 of anything. How could you describe your 1,000,000 in a different way?
E.g. "I decided to think about how many schools it would take to have 1,000,000 students. Our school has 232 students, so it would take about 4 schools to make 1,000 students. 1,000,000 is 1,000 thousands, so 1,000,000 would be about 4,000 schools."

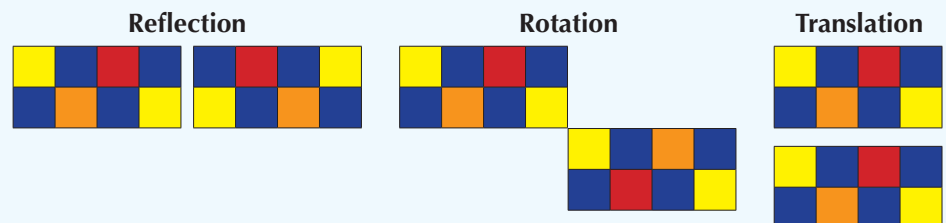
**Tuesday,
May 26**

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? (Don't forget the importance of units.)



**Wednesday,
May 27**

Use an item that you can find at home such as LEGO blocks, buttons, beans, cereal, etc., to create three designs. One should show a reflection, one should show a rotation and one should show a translation. Example:



Grade 6



SUCCESS for Every Student

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 \$0.25/newspaper

OR

Option B: Earn \$0.75/4 newspapers

What would the difference in your earnings be if you delivered 100 newspapers in one day?

**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 of winning by playing paper? Scissors?

Rock?

If you play 25 rounds, how many times do you predict rock will be the winning move? Paper? Scissors?

What if you play 100 rounds?

Play 25 rounds with a partner and record the results. Were the results what you expected?

Grade 6



SUCCESS for Every Student

Numeracy Calendar

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

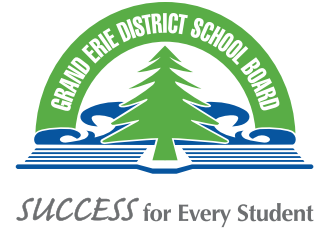
A Guide to Effective Instruction in Mathematics Kindergarten to Grade 3 Data Management and Probability 2007

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 6



Science

May 25 - May 29

Big Idea – Understanding Structures and Mechanisms

Flight occurs when the characteristics of structures take advantage of certain properties of air.

Option 1

Many objects that fly, move in the air caused by wind. Think about all things that do (a Canadian flag, a windchime, large and small birds, a frisbee, etc.). How do they fly? Do they all move the same? Create a chart or another graphic organizer to record your thinking.

Option 2

Last week you explored how different animals' physical adaptations allow them to take flight.

Check out Wonderopolis "Can Birds Fly in the Rain?"

<https://www.wonderopolis.org/wonder/Can-Birds-Fly-in-the-Rain>

Before listening to or reading the article brainstorm your wonders (Are birds' feathers waterproof? Does the rain weigh them down? Is their ability to fly affected?). Take some time to explore various features on the webpage such as the quiz, videos, and things to try!

Option 3

Last week you described how the four forces that act on something that is in flight.

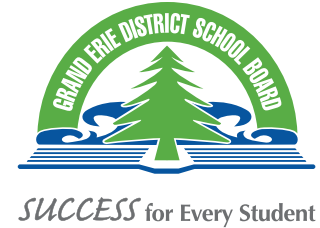
Today you are going to design two kites. Your goal is to see which kite can fly higher and spend more time in the air. Try each kite a number of times. Track how long it spends in the air. Graph your results.

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:

- What are some factors that impact an objects ability to fly?

Grade 6



Social Studies

May 25 - May 29

Big Idea – People and Environments

Canada and Canadians participate in the world in many different ways.

Option 1

Canada has built strong global relationships. What are some ways that Canada interacts with other nations (trade, disaster relief, social and economic development)? Visit Teaching Kids News to view an article from 2014:

<https://teachingkidsnews.com/2014/10/18/1-canada-gives-aid-vaccine-supplies-fight-disease-west-africa>

Make jot notes to highlight Canada's global contributions.

Option 2

A non-government organization (NGO) is a group of people who come together to help nationally and globally (i.e. natural disaster events, education, healthcare, etc.). You may be familiar with some of the NGOs that Canadians are involved in such as Médecins sans Frontières, World Vision, Habitat for Humanity, UNICEF, etc. Decide whether you would like to use an existing NGO or create your own idea for one. Design a poster, commercial, or brief description to promote the NGO and inform Canadians about the type of aide they provide.

Option 3

Have a discussion with someone in your household about the different ways people are trying to stay healthy and active. (Both mentally and physically.) Brainstorm a list of people, local groups, community organizations or others that have supports to help everyone stay healthy and active. Consider what you may have heard other communities, provinces or countries are doing to help their citizens. What are some common messages or themes to these supports? What are some global organizations that Canadians are involved with? Why do you think it is important for the nation to be a part of these groups?

Grade 6



Social Studies

May 25 - May 29

Option 3 Continued...

Explore:

https://www.international.gc.ca/world-monde/international_relations-relations_internationales/partnerships_organizations-partenariats_organisations.aspx?lang=eng

You will notice that Canada is involved in several partnerships around the world.

Prompts for discussion:

- What do Canada and Canadians do for other people around the world? What else can we do?
- What do people in our community do for other people? What can you do?