

GRADE 5: WEEK OF MAY 4

	Monday	Tuesday	Wednesday	Thursday	Friday
GNB guidelines Grade 5: 1 hr/day	Read 30 Minutes	Read 30 minutes	Read 30 minutes	Read 30 minutes	Read 30 minutes
Literacy (suggested time: 15 min)	Journal Prompt	Reading connection questions	Journal Prompt	Reading connection questions	Email your teacher
Numeracy (suggested time: 15 min)	<b>This week's goal: Fact Families</b>				
	Fact Family Triangle – fun game to play with dice <a href="https://cdn.thisreadingmama.com/wp-content/uploads/2012/07/FactFamilyTriangle-Updated.pdf">https://cdn.thisreadingmama.com/wp-content/uploads/2012/07/FactFamilyTriangle-Updated.pdf</a>				
	Stretch Activity – Problem of the Week: <a href="https://cemc.uwaterloo.ca/resources/potw.php">https://cemc.uwaterloo.ca/resources/potw.php</a>				
Science (suggested time: 30 min)	Simple Machines: Screw and the Wheel	x	Simple Machines: Screw and the Wheel	x	Passion Project: What would you love to learn about? Do some research about a topic you are interested in or create an experiment
	If you make the rubber band car or screw, send a pic to your teacher!  Participate in the Bird Blitz!				
Physical Wellness Challenge	Do these 3-5 times for 30-60 seconds Run Skip Jump	Crab walk from your kitchen to your bedroom 3 times! Other Rooms?	Make your own healthy activity	Challenge someone in your house to a race. Short or long distance? Best 2 of 3?	Repeat Monday's exercises. Can you do more or go for longer?
Tech Challenge	Egg Drop Challenge Design a contraption using various materials (recyclables) to protect a raw egg from a high fall. Planning sheet: <a href="https://drive.google.com/file/d/0B-cVjZBMBNNXOE1QUUFCX1dYeG8/view">https://drive.google.com/file/d/0B-cVjZBMBNNXOE1QUUFCX1dYeG8/view</a>				
Compassion Builder	Create a care package for someone	Smile at everyone you see today	Discuss active listening. Practice being a good listener to family and friends.	Avoid complaining for the entire day	Make a list of 5 things you like about yourself. Take this chance to be proud of who you are.

## LITERACY

### Journal Prompts: Choose one!

- a) If you were the main character in a story you've read, what would you do differently that would have changed the plot?
- b) If you could live anywhere in the world, where would it be? Why?
- c) Who is your favourite relative? Explain your relationship.
- d) If you could live during a certain time, would it be the past, present, or future? Why? Is there a specific year?
- e) Describe a time when you were brave.

*French immersion students can complete prompts en français*

### Reading Connection Questions (think of the current book you are reading or an article you find):

**Text to Text: How do the ideas in this text remind you of another text (story, book, movie, song, etc)?**

What I just read reminds me of \_\_\_\_\_ because...

**Text to Self: How do the ideas in this text relate to your own life, ideas, and experiences?**

What I just read reminds me of the time when I...

**Text to World: How do the ideas in this text reading relate to the larger world – past, present, and future.**

What I just read makes me think about \_\_\_\_\_ (event from the past) because...

### French Immersion Language Arts

Access to French leveled books:

Reading A-Z [www.readinga-z.com](http://www.readinga-z.com)

User name: Marshviewmiddleschool password: Marshhawks  
(available until May 31 with our current subscription)

Speaking and listening: Watch a familiar show in French (Netflix, or youtube – Toopy and Binou!).

Summarize the plot in French to a family member!

### Email your teacher

We want to hear from you!

How are you holding up? How did your week go? Was it nice to be able to get your stuff this week? Were you able to?

## Fact Families (A)

Fill in the blanks to complete each fact family

$$\begin{aligned}12 \times 10 &= \underline{\quad} \\ 10 \times 12 &= \underline{\quad} \\ 120 \div 12 &= \underline{\quad} \\ 120 \div 10 &= \underline{\quad}\end{aligned}$$

$$\begin{aligned}12 \times 8 &= \underline{\quad} \\ 8 \times 12 &= \underline{\quad} \\ \underline{\quad} \div 12 &= 8 \\ 96 \div \underline{\quad} &= 12\end{aligned}$$

$$\begin{aligned}3 \times \underline{\quad} &= 9 \\ 3 \times 3 &= \underline{\quad} \\ \underline{\quad} \div 3 &= 3 \\ \underline{\quad} \div 3 &= 3\end{aligned}$$

$$\begin{aligned}9 \times 12 &= \underline{\quad} \\ \underline{\quad} \times 9 &= 108 \\ 108 \div 9 &= \underline{\quad} \\ 108 \div 12 &= \underline{\quad}\end{aligned}$$

$$\begin{aligned}\underline{\quad} \times 4 &= 20 \\ 4 \times \underline{\quad} &= 20 \\ \underline{\quad} \div 5 &= 4 \\ 20 \div \underline{\quad} &= 5\end{aligned}$$

$$\begin{aligned}\underline{\quad} \times 4 &= 48 \\ \underline{\quad} \times 12 &= 48 \\ 48 \div \underline{\quad} &= 4 \\ \underline{\quad} \div 4 &= 12\end{aligned}$$

$$\begin{aligned}4 \times 4 &= \underline{\quad} \\ 4 \times \underline{\quad} &= 16 \\ 16 \div \underline{\quad} &= 4 \\ \underline{\quad} \div 4 &= 4\end{aligned}$$

$$\begin{aligned}4 \times 6 &= \underline{\quad} \\ 6 \times 4 &= \underline{\quad} \\ 24 \div \underline{\quad} &= 6 \\ 24 \div \underline{\quad} &= 4\end{aligned}$$

$$\begin{aligned}\underline{\quad} \times 10 &= 110 \\ \underline{\quad} \times 11 &= 110 \\ \underline{\quad} \div 11 &= 10 \\ \underline{\quad} \div 10 &= 11\end{aligned}$$

$$\begin{aligned}11 \times \underline{\quad} &= 88 \\ \underline{\quad} \times 11 &= 88 \\ 88 \div 11 &= \underline{\quad} \\ 88 \div \underline{\quad} &= 11\end{aligned}$$

$$\begin{aligned}4 \times 5 &= \underline{\quad} \\ 5 \times \underline{\quad} &= 20 \\ 20 \div \underline{\quad} &= 5 \\ 20 \div 5 &= \underline{\quad}\end{aligned}$$

$$\begin{aligned}6 \times 12 &= \underline{\quad} \\ \underline{\quad} \times 6 &= 72 \\ 72 \div \underline{\quad} &= 12 \\ 72 \div \underline{\quad} &= 6\end{aligned}$$

$$\begin{aligned}11 \times \underline{\quad} &= 132 \\ 12 \times \underline{\quad} &= 132 \\ \underline{\quad} \div 11 &= 12 \\ 132 \div \underline{\quad} &= 11\end{aligned}$$

$$\begin{aligned}5 \times 9 &= \underline{\quad} \\ \underline{\quad} \times 5 &= 45 \\ \underline{\quad} \div 5 &= 9 \\ 45 \div \underline{\quad} &= 5\end{aligned}$$

$$\begin{aligned}12 \times 12 &= \underline{\quad} \\ 12 \times 12 &= \underline{\quad} \\ 144 \div \underline{\quad} &= 12 \\ \underline{\quad} \div 12 &= 12\end{aligned}$$

## Fact Families (B)

Fill in the blanks to complete each fact family

$$\begin{array}{l} 11 \times \underline{\quad} = 110 \\ 10 \times \underline{\quad} = 110 \\ \underline{\quad} \div 11 = 10 \\ 110 \div \underline{\quad} = 11 \end{array}$$

$$\begin{array}{l} 5 \times \underline{\quad} = 50 \\ 10 \times \underline{\quad} = 50 \\ \underline{\quad} \div 5 = 10 \\ 50 \div 10 = \underline{\quad} \end{array}$$

$$\begin{array}{l} \underline{\quad} \times 12 = 120 \\ \underline{\quad} \times 10 = 120 \\ \underline{\quad} \div 10 = 12 \\ 120 \div 12 = \underline{\quad} \end{array}$$

$$\begin{array}{l} \underline{\quad} \times 6 = 36 \\ \underline{\quad} \times 6 = 36 \\ \underline{\quad} \div 6 = 6 \\ 36 \div 6 = \underline{\quad} \end{array}$$

$$\begin{array}{l} 12 \times 10 = \underline{\quad} \\ 10 \times 12 = \underline{\quad} \\ 120 \div 12 = \underline{\quad} \\ 120 \div 10 = \underline{\quad} \end{array}$$

$$\begin{array}{l} \underline{\quad} \times 12 = 72 \\ 12 \times 6 = \underline{\quad} \\ \underline{\quad} \div 6 = 12 \\ 72 \div \underline{\quad} = 6 \end{array}$$

$$\begin{array}{l} \underline{\quad} \times 8 = 48 \\ \underline{\quad} \times 6 = 48 \\ \underline{\quad} \div 6 = 8 \\ 48 \div \underline{\quad} = 6 \end{array}$$

$$\begin{array}{l} 2 \times \underline{\quad} = 10 \\ 5 \times 2 = \underline{\quad} \\ \underline{\quad} \div 2 = 5 \\ 10 \div \underline{\quad} = 2 \end{array}$$

$$\begin{array}{l} 6 \times \underline{\quad} = 48 \\ \underline{\quad} \times 6 = 48 \\ \underline{\quad} \div 6 = 8 \\ \underline{\quad} \div 8 = 6 \end{array}$$

$$\begin{array}{l} \underline{\quad} \times 10 = 70 \\ 10 \times \underline{\quad} = 70 \\ \underline{\quad} \div 7 = 10 \\ \underline{\quad} \div 10 = 7 \end{array}$$

$$\begin{array}{l} \underline{\quad} \times 12 = 120 \\ 12 \times 10 = \underline{\quad} \\ \underline{\quad} \div 10 = 12 \\ \underline{\quad} \div 12 = 10 \end{array}$$

$$\begin{array}{l} 9 \times \underline{\quad} = 108 \\ 12 \times \underline{\quad} = 108 \\ 108 \div \underline{\quad} = 12 \\ 108 \div \underline{\quad} = 9 \end{array}$$

$$\begin{array}{l} 7 \times \underline{\quad} = 21 \\ 3 \times 7 = \underline{\quad} \\ 21 \div \underline{\quad} = 3 \\ \underline{\quad} \div 3 = 7 \end{array}$$

$$\begin{array}{l} 4 \times 12 = \underline{\quad} \\ 12 \times \underline{\quad} = 48 \\ 48 \div \underline{\quad} = 12 \\ 48 \div 12 = \underline{\quad} \end{array}$$

$$\begin{array}{l} \underline{\quad} \times 5 = 35 \\ 5 \times 7 = \underline{\quad} \\ 35 \div 7 = \underline{\quad} \\ \underline{\quad} \div 5 = 7 \end{array}$$

## SCIENCE: Simple machines: The Screw and The Wheel

### Videos:

#### What is a screw?

<https://youtu.be/dDEhrpFb1BU>

#### Fun Science Demos: The Wheel and Axel

<https://youtu.be/vYoWCn5r3rQ>

#### En francais :

#### Eureka ! La Vis et la Roue

<https://youtu.be/FktF8uCyt6A>

See the 2 PDF documents attached to this email

### Activities

#### Make a rubber band car!

[https://youtu.be/LABwk\\_Q8ZB8](https://youtu.be/LABwk_Q8ZB8)



#### Archimedes Screw Facts

[https://kids.kiddle.co/Archimedes%27\\_screw](https://kids.kiddle.co/Archimedes%27_screw)

#### Make your own Archimedes Screw

Like this: <https://youtu.be/PszGCm1PqSo> (requires pvc pipe and tubing)

Or this:

Materials: A plastic bottle, A dowel (we used a pencil), Cardstock, A tack, Scissors Tape or Glue

Instructions:

1. Cut off the bottom of the bottle, and cut a triangular hole in the top, like in the picture.
2. Cut six cardstock circles, just big enough to fit inside the bottle.
3. Cut a hole big enough for the dowel to fit through in the center of each circle. Cut a slit from the edge to the hole.
4. Glue (actually, I used tape, and that worked well) the circles together to form a spiral/screw. To do this, you need to attach one side of the cut of each circle to the opposite side on the next circle.
5. Push the dowel through the holes, and stretch out the spiral along its length. I found it was easiest to "stretch" it by running my finger in between all of the circles. Glue (tape) the ends of the spiral to the dowel.
6. Slide the screw into the bottle, and tack it to the lid. You should now be able to move popcorn, cereal, etc. from one bowl to a bowl at a higher level by turning the dowel. (The bottle shouldn't turn - just the screw inside.)



## PASSION PROJECT

Have you been working on something you are passionate about?  
Share what you have learned with Anglophone East School District!

This is an opportunity for both students and staff to connect and share from home, through online video submissions!  
Check out the attached PDF for instructions or watch this video for information! <https://youtu.be/gR9WUptRajk>

Deadline: May 15<sup>th</sup>



<https://www.birdscanada.org/bird-blitz-at-home/>

Marshview usually participates in the School Yard Bird Blitz in May. This year, we are asking you to participate at home!

From your backyard or balcony, garden or window, what birds can you find?

*Explore the birds near you and participate in Bird Blitz at Home anytime during the month of May! It's fun for all ages, participating is easy, and your observations help scientists monitor Canada's birds!*