

Gr 4-6

Students are encouraged to do 30 minutes of self-selected reading, and 30 minutes of card games or board games with mathematical content.

Week of June 1-5	Daily Prayer	Literacy	Numeracy	Religion				
Monday	<p>Song: Holy Spirit Rock Prayer: Pentecost Prayer Reflection: Catholic Homilies for Kids - Pentecost</p> <p>Children's Daily Prayer for additional prayer resources Live Stream Daily Mass from St. Michael's Cathedral <i>Note: The Growing in Faith, Growing in Christ program also has daily prayers.</i></p>	<p>Play the game Build a Bridge (If you are using a mobile/tablet you can download the app called "Build A Bridge!" for free)</p> <p>Research and look up the following terms. Go on a scavenger hunt around the house and take photos for each term.</p> <p><u>Terms:</u> Tension, Compression, Torque, System, and Load</p> <p><u>Accommodations:</u></p> <ul style="list-style-type: none">• Watch the 'walkthrough' on how to play the Build a Bridge game.• Research the terms and give an example of each if you can't find them around the house	<p><u>Forces Acting on Structures and Mechanisms</u> View the link below. https://www.youtube.com/watch?v=qFZGmHbjLSM&t=429s</p> <p>Build at least two different bridges and determine how much they can hold - use any material you have: pasta, Lego blocks, etc. If each piece of material is worth 5 cents, how much did each bridge hold? (20 pieces x 5 cents = 100 cents or \$1.00) Show 3 different ways to represent that amount of money. (\$1.00 = 4 x 25 cents or 10 x 10 cents or 5 x 10 cents + 10 x 5 cents) You can draw the coins. What is the difference in the values of the bridges?</p> <p><u>Accommodations/Modifications:</u></p> <p>How Much Can It Hold?</p> <table><tr><th>Bridge Number</th><th>Number of Pieces</th></tr><tr><td>1</td><td></td></tr></table>	Bridge Number	Number of Pieces	1		<p>Yesterday we celebrated the Pentecost. This week's activities will focus on this important event in the Catholic Church.</p> <p>Read The Coming of the Holy Spirit</p> <p>Answer the following question:</p> <p>What did you learn about the Holy Spirit from this biblical passage? Share your answer with a family member.</p> <p>Draw a picture of what this event might have looked like.</p> <p><u>Accommodations:</u> If you are familiar with Google Read and Write use Text to speech to help you read the passage</p>
Bridge Number	Number of Pieces							
1								

			<table><tr><td>2</td><td></td></tr></table> <p>Fill in the chart with the number of pieces of objects that each bridge can hold.</p> <p><u>Questions:</u></p> <ol style="list-style-type: none">1. If each piece is worth 5 cents, how much would each bridge hold? (Example: 20 pieces x 5 would be \$1.00)2. How can you show the same amount of money in different ways? Example: using 10 cents, 25 cents, or even \$1.00.3. What do you notice about the two bridges and the difference that each bridge can hold? <p>You may wish to use your calculator to help you.</p>	2		
2						

Tuesday

Song: [Holy Spirit Come](#)
Prayer: [Children's Prayer to the Holy Spirit](#)
Reflection: [Pentecost in Two Minutes - Busted Halo](#)

[Children's Daily Prayer](#) for additional prayer resources
[Live Stream Daily Mass from St. Michael's Cathedral](#)

Note: The Growing in Faith, Growing in Christ program also has daily prayers.

Consider how weather and natural disasters affect bridges and how scientists must plan for all those considerations -refer back to the terms from yesterday.

Tidal waves, earthquakes, hurricanes and fire all affect bridges. Choose 2 or 3 of these natural disasters and research how scientists make bridges stronger to withstand these disasters.


You may use this link to help you.

[Bridge Master/Extreme Weather](#)

Don't forget to use these terms in your work

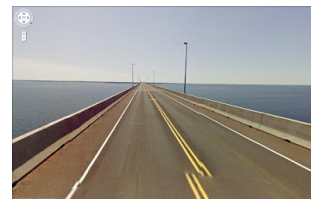
Tension
Compression,
Torque
System
Load

Accommodations/ Modifications:

-  If you are familiar with Google Read and Write use Text to speech to help you read information

Canadian Bridges

The longest Bridge in Canada is the Confederation Bridge which links the provinces of New Brunswick and Prince Edward Island. It's length is 12.9 Km.



To learn more about the Confederation Bridge visit:
<https://www.confederationbridge.com/site/about>

Research 3-5 more bridges in Canada.

Try to answer the following questions:

- 1) Name of the Bridge.
- 2) Which province/territory is it located in?
- 3) What is the length of the bridge?
- 4) What is the height of the bridge?
- 5) When was the bridge built?

Order the lengths of the Bridges from Least to Greatest.

Extension:

What is the difference between the longest bridge and the shortest bridge from your list?

Watch the following video [Pentecost in 2 Minutes](#)

What did you learn about Pentecost that you didn't know before? Share your answer with a family member.


Accommodations:

You may wish to draw what you learned about Pentecost and share your work with your family.

What is the total length of the bridges?

Show your work in 2 or more ways.

Accommodations/Modifications:

-  If you are familiar with Google Read and Write use Text to speech to help you read information

Choose 2-4 more bridges in Canada.

Answer the questions listed above but show your work in 1 additional way..

You may use this link to help you research bridges.



[Bridges in Canada](#)

Create your own chart, or use the one below, to help you organize your information

Example:

Name Of Bridge	Location	Length of Bridge	Height of Bridge	Year Built

			<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </table> <p>Think about how to show your mathematical calculations in two ways.</p> <p>You may wish to use your calculator.</p>																
Wednesday	<p>Daily Prayer Wednesday June 3</p> <p>Song: Children's Rosary--Rosary Children Song</p> <p>Prayer: Rosary for Kids - Third Glorious Mystery Pentecost</p> <p>Reflection: Holy Spirit Reflection</p> <p>Children's Daily Prayer for additional prayer resources</p> <p>Live Stream Daily Mass from St. Michael's Cathedral</p> <p><i>Note: The Growing in Faith, Growing in Christ program also has daily prayers.</i></p>	<p>Create a photo journal as you build a bridge or tower made of found objects in your home. Include pictures at each step of the process. Show how you built it, failed prototypes and your successes.</p> <p>Be sure to include:</p> <ul style="list-style-type: none"> • Multiple pictures all the way through the build process • Include prototypes that did not work and what did work • Include a few sentences describing what you are doing in each photo • Include the terms from Monday 	<p>Canadian Structures</p> <p>Wind is a force that can have negative impacts on tall structures if they are not built properly. Watch the following video to see how wind affects structures and how structures are designed to reduce the effects of high winds.</p> <p>https://safeYouTube.net/w/1lQH</p> <p>Research 3-5 tall structures in Canada (one should be the CN Tower)</p> <p>What features do they have to minimize the effects of high winds?</p> <p>Compare the differences between heights of the structures.</p> <p>In which cities/provinces are tall structures found? Why do you think</p>	<p>Listen to the Song Send Us Your Spirit by David Haas</p> <p>You may need to listen to it more than once. Pick one line that you connected with. Why do you pick this line? Share your answer with a family member.</p> <p>Accommodations:</p> <p>Draw how you connected with the line in the song and share your work with a family member.</p>															

		<p><u>Accommodations/ Modifications:</u></p> <ul style="list-style-type: none">•  If you are familiar with Google Read and Write use Speech to Text to help you describe what you are doing in each photo• If you do not have access to a camera/cell phone for photos, draw pictures	<p>they are found there?</p> <p><u>Accommodations/Modifications:</u></p> <p> If you are familiar with Google Read and Write use Speech to Text to help you read the research.</p> <p>You may wish to use this chart to help you choose 2-3 structures to research. Remember, the CN tower must be one of the structures you choose.</p> <p><u>Tallest structures</u></p> <ol style="list-style-type: none">1. Compare the heights of the structures that you chose.2. List them from tallest to shortest.3. What is the difference in height between the tallest and shortest structure?4. Can you compare the heights of any other two structures? <p>In your research, think about the location of these structures. Why might it be important for these structures to be located where they are in Canada?</p> <p>Think about what features these structures have that minimize the effects of extreme weather conditions. (i.e.: high winds, other natural disasters, etc.)</p>	
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<p>Thursday</p>	<p>Song: Spirit of the Living God Prayer: Prayer to the Holy Spirit - St. Augustine Reflection: Be Joyful - A Christian Meditation</p> <p>Children's Daily Prayer for additional prayer resources Live Stream Daily Mass from St. Michael's Cathedral</p> <p><i>Note: The Growing in Faith, Growing in Christ program also has daily prayers.</i></p>	<p>Add your photos to a presentation tool like; Google Slides, Prezi, MovieMaker, etc. Consider adding music, your voice, transitions as well as a brief introduction and conclusion for your photo journal presentation.</p> <p>Reflect on how adding these stylized features to a presentation engages your audience</p>	<p><u>Single File. Please</u></p> <div data-bbox="1136 280 1633 553">  <p>Single File, Please</p> <p>The Boeing 747-8 is the longest commercial aircraft in 2020 at 76.2 metres.</p> <p>The Danyang-Kunshan Grand Bridge in China is the world's longest bridge at 165 km.</p> <p>How many lined up Boeing 747-8s would it take to cover the length of the Danyang-Kunshan Grand Bridge?</p> </div> <p>The Boeing 747-8 is the longest commercial aircraft in 2020 at 76.2 metres.</p> <p>The Danyang-Kunshan Grand Bridge in China is the world's longest bridge at 165 km.</p> <p>How many Boeing 747-8s would it take to completely cover the length of the Danyang-Kunshan Grand Bridge?</p> <p><u>Accommodations/Modifications:</u> Remember 1000m = 1 km therefore: the length of the Boeing aircraft in metres divided by 1000 would give you its length in kilometres</p> <p>76.2m divided by 1000= _____ km</p> <p>Use a calculator, if necessary, to determine how many Boeing 747-8s would it take to completely cover the</p>	<p>Complete the handout below on the prayer Veni, Sancte Spiritus (Come, Holy Spirit)</p> <p><u>Accommodations/Modifications:</u></p> <p> If you are familiar with Google Read and Write use Text to speech to help you read information</p>
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			<p>length of the Danyang-Kunshan Grand Bridge bridge?</p> <p>Extension: Draw a scale model of the plane on the bridge. You can paint it, draw it or use sidewalk chalk outside.</p>													
Friday	<p>Song: Holy Spirit Song Prayer: Prayer of Compassion Amid the Corona Virus Crisis Reflection: Prayer of St. Francis 2 minute guided reflection</p> <p>Children's Daily Prayer for additional prayer resources Live Stream Daily Mass from St. Michael's Cathedral <i>Note: The Growing in Faith, Growing in Christ program also has daily prayers.</i></p>	<p>Edit & revise the information on your photo journal.</p> <p>Find parts on your presentation where you can add Scientific information. Is each section short and concise?</p> <p>When you've written your final draft, present the photo journal to a parent/guardian.</p> <p><u>Accommodations/Modifications:</u></p> <p>If you have not been able to pick a presentation tool, consider watching these videos: Creating a Photo Journal in Google Docs</p> <p>How to Make a Photo Slide Show in Windows Movie Maker</p> <p>Consider using these questions to revise your work?</p> <ul style="list-style-type: none">• Which material found in the home did you choose to use and why?• Which bridge structure did	<p>Fast Rides and Roller Coasters Watch the video: https://safeYouTube.net/w/SZRH</p> <p>Record the speeds of 5 rides and rollercoasters from the video clip. You can use a chart like this:</p> <table><thead><tr><th>Roller Coaster/Ride</th><th>Top Speed km/hr</th></tr></thead><tbody><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></tbody></table> <p>1. What did you notice from the graph?</p>	Roller Coaster/Ride	Top Speed km/hr											<p>Pray the Pentecost Prayer with a special intention of your choice.</p>
Roller Coaster/Ride	Top Speed km/hr															

		<p>you choose to build?</p> <ul style="list-style-type: none"> • Why did you pick that particular bridge? What might be the use for your bridge? (i.e., cars, pedestrians) • Did you use the vocabulary from Monday to explain why your bridge was a success or not? (tension, force, compression, torch, load, system) <p>If necessary, consider re-watching the video from Tuesday to help you revise.</p> <p>https://www.pbs.org/wgbh/nova/tech/build-bridge-p3.html https://www.youtube.com/watch?v=oV0nRPefcno</p>	<p>2. Order the roller coasters and rides from to fastest to slowest.</p> <p>3. Display this data in a bar graph. Remember to include the scale, label the x and y axis, and include a title.</p> <p>Accommodations/Modifications To display the data in a bar graph, you can use the template below Bar Graph Template</p>	
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Physical & Health Education	<p>Click here for link to weekly activity</p> <p>A Note to Parents about Inherent Risks with Distance Learning Home Activities:</p> <p>Taken from the Ontario School Board Insurance Exchange</p> <p>The TCDSB would like to make everyone aware that all activities have an inherent risk of injury. The risk increases depending on the nature of the activity. As learning has now moved to the home the following are safety considerations for parents, and caregivers:</p> <ul style="list-style-type: none"> • Is the activity age appropriate for my child? • Is the 'home' equipment being used safe for my child? (e.g., no objects with sharp edges) • Does the activity require direct supervision? • Is the surface where the movement activity is to take place: a non-slip surface? (e.g., remove area rugs), large enough for the number of participants and required movements, free of obstacles (e.g., tables, chairs, outdoor furniture)?
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	Please review and use the lessons and activities keeping these safety considerations in mind.
FSL Core French	<u>Click here for link to resources</u>
The Arts	<u>Click here for link to resources</u>
Guidance	<u>Click here for link to resources</u>