



Learning Opportunities - Grade 7 - April 27 – May 1



Do the best you can! Focus on life skills, physical activity, mental well-being, creative expression, social responsibility and social connections. Stay healthy and safe!

Try to work on the learning opportunities for 2 hours each day.

*Every day, students should be **reading** for 30 minutes and getting 30 minutes of **physical activity**.*

Math - The theme(s) / Big ideas for this week is **Types of Heroes**. You are encouraged to spend about 30 minutes per day or 2.5 hours a week on Math. Here are options for you to complete. If you would like to feedback from a teacher or want to share your work, email it to:

Mikayla.bolster@nbed.nb.ca

Activity	Materials/resources	Instructions: **If you did NOT get your new username and password for IXL please call the school at 273-4760 and leave a message and we will contact you.**
<p>Multiplication War</p> 	<p>Deck of cards</p> <p>Family Member or Friend (play using facetime)</p> <p>Online instructions: Multiplication War</p>	<p><u>Multiplication War Card Game: How to Play</u></p> <ol style="list-style-type: none"> 1. Remove the Jacks, Kings and Queens from a regular deck of cards, and shuffle the deck. 2. Players place cards face down in a pile. 3. At the count of three, both players flip over their first card. 4. The first person to say the product of the 2 cards receives both cards and puts them in a separate pile. 5. If both players say the answer at the same time, the cards are put in the middle of the table. 6. The next player to win the "flip" gets the cards in the middle of the table in addition to the cards just played. 7. The winner is the person with the most cards at the end of play.
 <p>Terry Fox Challenge</p>	<p>Video: History of Terry Fox</p> <p>Wiki link: Terry Fox</p> <ul style="list-style-type: none"> - Pen & Paper - Place to walk - Timer <p>Exemplar: Mlle Bolster walks 6k (kilometers) every day. It takes her 1 hour to walk 6k. It would take her 10mins to walk 1k and 895.50 hours to walk the distance Terry Fox ran.</p>	<p>Watch the Video about Terry Fox, a Canadian Hero. Take note of how many kilometers Terry ran and how far he planned to run.</p> <p>Challenge: How many times around your neighborhood, up and down your street or around your house would you have to walk to reach 5k?</p> <ul style="list-style-type: none"> • How long does it take you to walk 5k? • How long would it take you to go the distance Terry Fox ran, given your 5k time? • How long might it take you to run across Canada, given your 5k time? <p>Use your phone to calculate your walking distance and time OR walk for 50mins and see how far you get. Compare your 5k walk/time with a friend.</p> <p>***Show your calculations***</p>
<p>IXL Practice</p>	<p>Web link: IXL Website</p> <ul style="list-style-type: none"> • Electronic device <p>Web Link: Waterloo Q of the Week</p>	<p>Practice Suggestions: 7N – Numbers N1 & N2 Divisibility rules and Decimal Calculations</p> <p>Bonus Challenge: Do the University of Waterloo question of the week for 7/8. They post the answers to the question the following week.</p>



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Language Arts - The theme(s) / Big ideas for this week is Heroes and Superheroes.

You are encouraged to spend about 30 minutes per day or 2.5 hours a week on Language Arts.

Here are options for you to complete. If you would like to feedback from a teacher or want to share your work, email it to: robb.wallace@nbed.nb.ca,

Activity	Materials/resources	Instructions
Research and Report	<p><u>Wikipedia Links</u></p> <ol style="list-style-type: none"> 1) Superheroes 2) Real-life SuperHero <p><u>Other Links</u></p> <ol style="list-style-type: none"> 1) Famous Canadians 2) Top 10 Influential Canadians 3) 7 Canadian Superheroes 4) Superhero/Super-Villain Sample Characteristics 5) Superhero/Super-Villain Profile Form 	<p>Tell us about a superhero from the perspective of a reporter. Your report can be in any form you wish- newspaper, video, dialogue, letter, Use the links to help you formulate your report.</p>
Create	<p>Documents:</p> <ol style="list-style-type: none"> 1. Superhero/Super-Villain Sample Characteristics 2. Superhero/Super-Villain Profile Form 	<p>Create a superhero. Use the links to help and guide you. Whom or what is your hero's main antagonist (villain)? Draw a picture of your hero in action. Create a story or comic strip featuring your hero.</p>
Act		<p>Do something heroic: purposefully go looking for something good to do: pick up trash, help someone or something; fix a problem. Report the news of your good deed with pictures, words, videos,</p>



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Social Studies -The theme(s) / Big ideas for this week is Canadian

Heroes/Superheroes_. You are encouraged to spend about 30 minutes per day or 2.5 hours a week on Social Studies. Here are options for you to complete. If you would like to feedback from a teacher or want to share your work, email it to: richard.williams@nbed.nb.ca

Activity	Materials/resources	Instructions
Choose a Canadian Hero 	https://en.wikipedia.org/wiki/The_Greatest_Canadian 30-canadians-you-havent-heard-of-but-should 30-indigenous-leaders https://thecanadianencyclopedia.ca/	Search for Canadian Heroes – You will find a couple of links in the resource section. Choose one and find out everything you can about them. Why are they important, what did/do they contribute to Canada, and the world? Why are they important to you? Examples – Terry Fox, Alexander Graham Bell, Wayne Gretzky, Tommy Douglas Create a picture, PowerPoint, or report on your hero.
Canadian Heroes – Ladies Edition 	https://www.amightygirl.com/blog?p=12590	Choose a female hero that has impacted Canada. The link in the resource section will give you several examples from which to choose. Create a picture, PowerPoint, or report on your chosen heroine
COVID-19 Heroes	Paper, pencil, Coloured pencils/markers	Create a poster - Say Thank you to the heroes that are working each day to help those with COVID-19, or trying to keep people from getting it. You could also include those that are still working in essential services and service industries. Post it to Instagram, FB - #PAMSgrade7




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Science - The theme(s) / Big ideas for this week is Superheroes and Science__. You are encouraged to spend about 30 minutes per day or 2.5 hours a week on Science. Here are options for you to complete. If you would like to feedback from a teacher or want to share your work, email it to: Justin.Tompkins@nbed.nb.ca.

Activity	Materials/resources	Instructions
Research	The Science Behind Superheros Science & Superheroes (video)	Find as many connections between science and the different Superheroes as you can. The two links in resource section have lots of examples. Make a chart that lists the Superhero and the science that is connected.
Breaking the Laws... of Science	https://www.popsci.com/entertainment-gaming/article/2008-01/science-superheroes/	Thinking it through – What laws of science are broken by our fancy caped heroes? Read the article found at the link in resource section. Make a list or chart that shows what makes them supernatural.
Water Drop Races 	Water Drop Races (link) -A straw, or other thin tube. (<i>Actually, this is optional, and you could simply blow without the aid of a straw or use somethings different.</i>) -Waxed paper -Flat surface -Eye dropper (<i>a spoon will also suffice</i>)	Try this fun inquiry activity at home with your siblings or parents. Remember as you play, use your critical thinking skills to solve problems and modify your technique, tools, or water droplets to improve your racing time.