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| **RATIOS** *Using a ratio make a scale model of yourself or an object in your house.* ***What is a ratio?*** *Find a twig that is about half the size of your small finger. This is a 2:1 ratio (the twig is half the size of your finger, or your finger is twice the size of the twig.)* *CHALLENGE: Make a model that has a 5:1 ratio (or choose you own!) – for every cm measurement, your twig should be 5 cm.* *Don’t have any twigs? Use different items around your house – Lego, string, toothpicks, etc.*  | **MATH IN MY WORLD***Math is everywhere, even on the big screen! Find a TV show or a movie that has math in it. Think about how math is important to the storyline, or how mathematics relates to a certain career, situation or problem posed by the TV show/movie.*  | **MULTIPLICATION FACTS** *Knowing your multiplication facts is so important and will help make you a more successful math learner!* *Practice your multiplication facts daily. Create flashcards or quizzes or play card games like Multiplication War.*[*Click here for instructions.*](http://drlosier.nbed.nb.ca/ms-reid/document/multiplication-war-card-game-instructions) |
| **CLEAN EARTH, HAPPY EARTH***Go for a walk around your neighbourhood. Bring a bag and collect any garbage you find on the side of the roads or ditch.* *What items did you find? What did you find the most of?* | **STEAM****Choice Board**No Tech Options | **COMPOST***Turn waste into fertilizer!**Toss your banana peels, apple cores, and other kitchen food scraps into a compost bin to develop your own nutrient filled soil and to reduce the amount solid waste that ends up in your local landfill.* |
| **KENKEN PUZZLE***Improve your math and logic skills with a KenKen puzzle: a grid-based numerical puzzle that uses the basic math operations* *(+, -, x, ÷) while also challenging your logic and problem-solving skills.*[*Click here for instructions*](http://drlosier.nbed.nb.ca/ms-reid/document/how-play-kenken-instructions)*.*[*Click here to try a KenKen puzzle!*](http://drlosier.nbed.nb.ca/ms-reid/document/kenken-puzzles-2-3x3) | **STATS & PROBABILITY** *Help put away the laundry!* *Keep a tally of the number of each item that was washed (pants, t-shirts, sweaters, socks, etc.). Display this information in a graph of your choice – pictograph, bar graph, circle graph??**Can you come up with some questions about your graph?*  | **OBSERVE** *Choose something around your house (indoors – a plant/flower, food; or outdoors – area of grass, tree, nest) and observe it for the week. Record your observations each day in a journal. A journal could be a piece of paper, notes on your phone, or an old scribbler.*  |