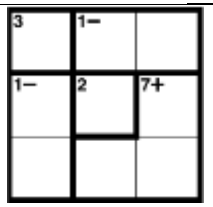
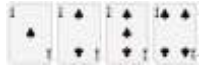
Mathematics Grades 6-8 Daily Activities to Promote Numeracy				
Learning Activity	**Time**	**Instructions**	**Considerations**	**Visuals**
Video Lessons- Binogi	15 to 20 minutes per day	Head over to www.binogi.ca to see Mathematics lessons. Watch video lessons, compete in quizzes and earn points. Binogi's short videos are a fast way to learn in both English and French.	To use this resource, students will need to login. Registration is free for all until the end of June. Binogi has multiple lessons in different mathematical strands and adds videos weekly!	
What's Going on Outside Your Window?	Pick a time window. It can be 5minutes or all day long.	This activity encourages students of all ages to take a deeper look at a familiar view: right outside their window. Students are asked to collect data on what they see and report it in a creative visual representation.	Find a way to visualize the information you collect. Maybe a timeline or a chart. Be your most creative self. For more information or to find similar activities go to the following link: https://www.youcubed.org/resources/whats-going-on-outside-your-window-k-12-video/	
Area mazes	15-20 min	Find the value of the question marks in the following diagram using whole numbers. All of the shapes are rectangles but are not drawn to scale.	Students can access free area maze apps in the app store or visit the following site for other challenging puzzles. https://www.transum.org/Maths/Puzzles/Area_Maze/	
KenKen Puzzles	Time will vary depending on the complexity of the puzzle.	Fill in each square cell in the puzzle with a number between 1 and the size of the grid**.** For example, in a 3×3 grid, use the numbers 1, 2, & 3. Use each number exactly once in each row and each column. The numbers in each "Cage" (indicated by the heavy lines) must combine — in any order — to produce the cage's target number using the indicated math operation. Numbers *may* be repeated within a cage as long as rule 2 isn't violated.	There is no need to guess. Each puzzle can be solved completely using logical deduction. Difficult puzzles require more complex deductions. Have fun and good luck! For step-by-step instructions, visit: http://www.puzzazz.com/how-to/kenken For printable puzzles ranging from easy to hard, visit: https://krazydad.com/inkies/	
4 Numbers	10 – 15 mins a day until the task is complete.	Using playing cards, flip 4 cards and use them to find numbers 1-20 using any operation. Can be solved a variety of ways	Extension: How many more numbers can you find?	My 4 numbers are: 1,2,3,4  So, this would be my equation for 13: 2-1+3x4