3-5 Numeracy

Activity	Instructions	Considerations
Jigsaw Puzzles	• Try commercially produced jigsaw puzzles of 100-500 pieces, depending on your child's age and skill level. • You and your child can make your own jigsaw puzzle by drawing a picture or using a picture from a magazine and cutting it into pieces. The cutting can be done freeform or following lines you or your child have drawn.	Puzzles are a fun way to develop spatial awareness, concentration, resilience and persistence.
Card Games	• Play favourites like Crib, War, Crazy 8's, Go fish, Uno… • Learn a new game • Teach a family member	• Playing card games that involve strategy, mental math, and keeping score will assist in maintaining these skills with your child. • Have them keep score and allow them to struggle before jumping in to help them right away. • Rules for common games are available in books and online such as at: https://bicyclecards.com/rules/ or https://tinyurl.com/cardgame-rules • You can also make up your own game with your own rules (wonderful writing activity)
Board Games	• Monopoly, Life, Yahtzee, Battleship, Checkers, Chess, Sudoku. • Learn a new game • Make a new game • Write the rules • Teach a family member	Let your child be: • scorekeeper • banker
Cooking	• Have your child plan a meal • Measure the ingredients • Double the recipe.	Let your child: • see the practical side of math • use measuring cups • make conversions from imperial to metric These will all help to develop lifelong skills.
Building/Designing	• Create with blocks/LEGO • Design a scale diagram of the main floor of your home. • Design a scale diagram of your dream bedroom.	• Explore the practical and professional side of math. • Have them read a tape measure and work with ratios
Data and Graphing	Talk to your family and friends to find out their favourite sport / ice cream. Create a graph to show the results.	Reading information off graphs is a skill that students will continue to use into their adulthood.

On-line resources	• Youcubed https://www.youcubed.org/ • Teach Early Years https://www.teachearlyyears.com/learning-and-development/view/taking-maths-outdoors • NRich Math: www.nrich.maths.org • Wild Math https://wild.maths.org/	Playing games or watching videos online with your child gives you the opportunity to: • ask them questions about what they are playing or watching • ask them about their thinking as they complete a challenge in a game or pick one idea that is shown in a video to discuss
Counting	Encourage your child to count throughout the day. Talk to them about their quantity. • Create a picture with random objects (macaroni, buttons, paper clips) and have them count the number of items used. • Build a structure with Lego or blocks. Have your child estimate how many were used, then count. • Have your child write or make a drawing showing what they counted and how they counted.	Learning to count and developing more efficient ways to count large groups of objects is an important part of learning mathematics for children at this age. Let your child lead this activity, asking them to explain their thinking and how they know they counted accurately. The following link is to a short video explaining the activity: https://tinyurl.com/counting-collections