



# Burlington Summer MATH FUN!

Children need to develop prerequisite skills\* that are non-mathematical which helps develop mathematical concepts. The summer time is the perfect time to develop these skills. When children play with games and toys, they are naturally engaged in learning many of these prerequisite skills and eventually these skills will transfer to academic settings in the area of Mathematics and Science.

So...take some time out this summer and play a game with your child!

## \*The prerequisite skills are:

- sequencing
- spatial orientation/ space organization
- pattern recognition
- visualization
- estimation
- deductive thinking and inductive thinking

## General guideline for choosing good games:

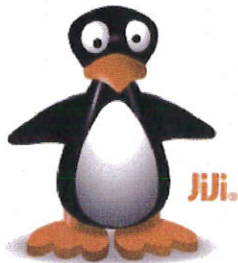
1. Games should be based on strategy
2. Games should last 10 to 15 minutes
3. Games should have 1 or more than 1 prerequisite skills



## Sample Games

<ul style="list-style-type: none"><li>• Simon</li><li>• Cribbage</li><li>• Concentration</li><li>• Rummikub</li><li>• Guess Who</li><li>• Blokus</li><li>• Set</li><li>• Mastermind</li><li>• Yahtzee</li><li>• Mancala</li><li>• Legos</li><li>• Battleship</li><li>• Chess</li></ul>	<ul style="list-style-type: none"><li>• Checkers</li><li>• Othello</li><li>• Chinese Checkers</li><li>• Jigsaw Puzzles</li><li>• Number war Games</li><li>• Card Games</li><li>• Stratego</li><li>• Quarto</li><li>• Qubic</li><li>• Krypto</li><li>• Shut the Box</li><li>• Connect Four</li><li>• Rush Hour</li></ul>
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Adapted from Mahesh Sharma: Mathematics for All: Center for Teaching [www.mathematicsforall.org](http://www.mathematicsforall.org)



ST MATH students can continue to get Jiji to walk across the screen. Current users can continue to use ST MATH with the same picture password. ST Math now has fluency as well. Check it out!

Grade K-5 APP (search Symphony Math/Free) or website [www.mysymphonyath.com](http://www.mysymphonyath.com) The login is 3790 (FW) 3791 (MEM) 3792 (FH) 3793 (PG) username is first and last name (no space) Password is LASID: 6-digit number





# Summer Literacy



Besides visiting the library and reading books, websites, apps, and games are great ways to reinforce literacy skills over the summer!

<p><b>Websites</b></p> <p>The following is a list of websites with interactive literacy and thinking activities for children of all ages.</p>	<ul style="list-style-type: none"> <li>● <a href="https://www.iready.com">https://www.iready.com</a> (until Aug. 9th)</li> <li>● <a href="https://www.abcya.com">https://www.abcya.com</a></li> <li>● <a href="https://www.storylineonline.net">https://www.storylineonline.net</a></li> <li>● <a href="https://www.nationalgeographic.com">https://www.nationalgeographic.com</a></li> <li>● <a href="https://www.starfall.com">https://www.starfall.com</a></li> <li>● <a href="https://kahoot.com">https://kahoot.com</a></li> </ul>
<p><b>Apps</b></p> <p>This list of suggested free apps that will have children practicing their reading, memory, and thinking and reasoning skills...</p>	<ul style="list-style-type: none"> <li>● EPIC books (use blizzard bag log-in)</li> <li>● FarFaria</li> <li>● Trivia Crack</li> <li>● MeeGenius</li> <li>● Chicktionary</li> <li>● Heads Up</li> <li>● Tikatok StorySpark</li> <li>● One-minute reader (small fee)</li> <li>● Learn with Homer</li> <li>● The Opposites</li> <li>● Professor Garfield Fact or Opinion</li> </ul>
<p><b>Board Games</b></p> <p>Fun for the whole family!</p>	<ul style="list-style-type: none"> <li>● Spot It! (any version)</li> <li>● I Have (Play 'n Learn System)</li> <li>● Blurt</li> <li>● Respond! Word Game</li> <li>● WordTeasers (Small Fry)</li> <li>● Boggle</li> <li>● Hedbandz</li> <li>● Memory (any version)</li> <li>● Last Word</li> <li>● Morphology Jr.</li> <li>● Scrabble (any version)</li> <li>● Apples to Apples</li> <li>● Pairs in Pears</li> <li>● Guess Who (any version)</li> <li>● Hangman</li> <li>● Don't Say It</li> <li>● Rory's Story Cubes</li> <li>● Taboo for Kids</li> <li>● BuzzWord Jr.</li> <li>● American Trivia Family Edition</li> <li>● Freeze Up</li> <li>● Smart Mouth</li> <li>● Wild Guess Chase</li> <li>● Guesstures</li> </ul>