

Summer Math

Math Games

The following list of games are excerpted from *Role of Games in Learning Mathematics* (Sharma, 2012). These games are highly motivational, and a great way for students to practice their math skills all summer long. Beside each title are the skills and concepts that are reinforced.

Simon or Mini Wizard (sequencing, following multi-step directions, visual/auditory memory)	Score Four or Connect Four (pattern recognition, spatial orientation, visual clustering, geometric patterns)	Krypto (number sense, basic arithmetical facts)
Battleship (spatial orientation, visualization, visual memory)	Kalah or Mankalah (sequencing, counting, estimation, visual clustering)	Cribbage (number relationships, patterns, visual clusters)
Concentration (visualization, pattern recognition, visual memory)	Card Games (visual clustering, pattern recognition, number facts)	Checkers (sequencing, patterns, spatial orientation/space organization)
Pachisi (sequencing, patterns, number relationships)	Dominos (visual clustering, pattern recognition, number facts)	Number War Games (visual clustering, arithmetic facts, mathematics concepts)
Chinese Checkers (patterns, spatial orientation/space organization)	Go Make Ten (Go Fish Ten or Big Ten) (number concept, decomposition/recomposition)	Rummikub (sequencing and pattern recognition)

Students have access to [ST Math](#) all summer long, so they can continue on their math journey with Jiji!

Summer Reading



This summer, we encourage kids to share books with friends, borrow from the library, find a little free library, and read *any books that interest them*. Check out these titles that support our theme of read, renew, repeat!

K-2 book suggestions	3-5 book suggestions
<p><i>Quest for Clean Water</i> (Bardhan-Quallen) <i>Give Bees a Chance</i> (Barton) <i>Coral Reefs</i> (Chin) <i>Island: A Story of the Galapagos</i> (Chin) <i>Redwoods</i> (Chin) <i>Yasmin, the Recycler</i> (Faruqi) <i>It's a Wonderful World</i> (French) <i>What a Waste</i> (French) <i>Sadiq and the Clean Water Crew</i> (Nurali) <i>Amelia Bedelia and Friends Paint the Town</i> (Parish) <i>101 Ways to Help the Earth with Dr. Seuss' Lorax</i> (Paul) <i>Water is Water</i> (Paul and Chin) <i>One Plastic Bag</i> (Paul and Zunon) <i>Watercress</i> (Wang and Chin)</p>	<p><i>Willodeen</i> (Applegate) <i>Live Sustainably!</i> (Boyle) <i>Grand Canyon</i> (Chin) <i>Start Now!</i> (Clinton) <i>Follow the Moon Home</i> (Costeau & Hopkinson) <i>Escape Plastic Island</i> (Doyle) <i>The Last Bear</i> (Gold) <i>Hoot</i> (Hiaasen) <i>Wind Riders</i> (Marlin) <i>Judy Moody Saves the World</i> (McDonald) <i>I Am Farmer</i> (Paul, Paul, and Zunon) <i>Fuzzy Mud</i> (Sachar) <i>Girl Warriors</i> (Sarah) <i>Frank Einstein and the Bio-Action Gizmo</i> (Scieszka) <i>Garbage Dump Disaster</i> (Stilton)</p>

