

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)

ST Math Summer play!

Students will have [two](#) opportunities to work with JiJi over the summer!

Option 1: Virtual- Students will have access to ST Math during the summer. Feel free to use our [ST Math virtual progress tracker](#) for students to track their progress throughout the summer!

Option 2: Unplugged- Students are able to access math *off-screen* with our [“What’s the Math?” off-screen summer activities!](#) (Optional pdf documents linked) Spend time connecting things you do in the real world to math problems!

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*.

K-2 book suggestions	3-5 book suggestions
<i>The Guessing Game</i> Rayner <i>Zathura: A Space Adventure</i> vanAllsburg <i>Swim, Mo, Swim!</i> Adler <i>Game on!</i> Le <i>The Queen of Chess</i> Wallmark <i>Layla and the Bots</i> Fang <i>Jerry Changed the Game</i> Tate	<i>Softball Surprise</i> Maddox <i>Brain Trouble</i> Griffith <i>Adventures in a Video Game</i> Brady <i>Always, Clementine</i> Sorosiak <i>Who Is Caitlin Clark?</i> Borzilleri <i>The Great Texas Dragon Race</i> Ritter <i>May the Best Player Win</i> Zhao