



Math Games

The following list of games is 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. Beside each title are the skills and concepts that are reinforced.

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| 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) |



Scituate Elementary Schools

Book Suggestions

| Grades K-2 | Grades 3-5 |
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| <p><i>Little Owl Rescue</i> (Delahaye) <i>Yellow Dog Blues</i> (Duncan) <i>This Story is Not About a Kitten</i> (de Seve) <i>I Did It!</i> (Emberley) <i>Shu Lin's Grandpa</i> (Goodfellow) <i>Gigi and Ojiji</i> (Iwai) <i>Owl and Penguin</i> (Madan) <i>Honeybee Rescue</i> (Percival) <i>A Seed Grows</i> (Portis) <i>Fox and Chick</i> (Ruzzier) <i>Hot Dog</i> (Salati) <i>Hello, Puddle!</i> (Sanchez) <i>The Path</i> (Staake) <i>Lost</i> (Usher) <i>Busy Betty</i> (Witherspoon) <i>The World Belonged to Us</i> (Woodson)</p> | <p><i>Odder</i> (Applegate) <i>The Area 51 Files</i> (Buxbaum) <i>The Universe in You</i> (Chin) <i>Swim Team</i> (Christmas) <i>Total Garbage</i> (Donnelly) <i>The Swifts</i> (Lincoln) <i>Miles Lewis, King of the Ice</i> (Lyons) <i>Planet Omar: Epic Hero Flop</i> (Mian) <i>Iceberg</i> (Nielsen) <i>Violet and Jobie in the Wild</i> (Perkins) <i>Omar Rising</i> (Saeed) <i>The Last Mapmaker</i> (Soontornvat) <i>Always, Clementine</i> (Sorosiak) <i>Concrete: From the Ground Up</i> (Theule) <i>A Rover's Story</i> (Warga) <i>Maizy Chen's Last Chance</i> (Yee)</p> |