

## Summer Math Resources - Rising 4th Grade Students

As the end of the school year approaches, it is exciting to take stock of all that the children have worked hard to learn this year! To honor that hard work and maintain skills over the summer, it can be helpful for children to engage in some simple summer math routines.

Books	Games	Print Resources and Tools	Digital Resources
<p><a href="#">Fraction Fun</a> by David Adler</p> <p><a href="#">The Best of Times</a> by Greg Tang</p> <p><a href="#">Ten Times Better</a> by Richard Michelson</p> <p><a href="#">Prehistoric Actual Size</a> by Steve Jenkins</p> <p><a href="#">If You Were a Fraction</a> by Trisha Speed Shaskan</p> <p><a href="#">The Greedy Triangle</a> by Marilyn Burns</p> <p><a href="#">A Second, a Minute, a Week with Days in It</a> by Brian P. Cleary</p> <p><a href="#">A Very Improbable Story</a> by Edward Einhorn</p> <p><a href="#">The Great Divide</a> by Dayle Ann Dodds</p>	<p><b><a href="#">Acing Math!</a></b>: This is a collection of math games for grades K-5, all of which use a regular deck of playing cards.</p> <p><b>Multiplication War</b>: Deal out all the cards equally between 2 or 3 players. Each player turns over 2 cards and multiplies the numbers together. The person with the higher product wins the pile of cards. If you have the same product, then repeat the procedure. Winner takes all the cards.</p> <p><b>Water Balloon Multiples</b>: Use chalk to write any set of multiples. They can be written in order from left to right or scattered for more of a challenge. Call out a multiplication fact, and try to land your water balloon on the product.</p> <p><b>Close to 1000</b>: Deal 8 cards to each player. Use any 6 of your cards to make two 3-digit numbers. Try to get a sum that is close to or equal to 1000. Write these 2 numbers in your journal. Your score is the difference between your number and 1000.</p> <p><b>Example</b>: Your eight cards are <b>1, 5, 4, 3, 1, 8, 3, 8</b></p> <p>You make <math>148 + 853 = 1001</math>. Your score is 1 since the difference between 1001 and 1000 is 1. Discard the 6 used cards and pick 6 new cards. Whoever has the lowest total score after 5 rounds wins the game.</p>	<p><a href="#">Problem Solving Deck- Instructions</a> <a href="#">Problem Solving Deck B</a></p> <ul style="list-style-type: none"> <li>Free printable collection of problems to promote problem solving and strategic thinking.</li> </ul> <p><a href="#">IXL Third Grade Math Workbook</a></p> <ul style="list-style-type: none"> <li>Offers online resources to support the material in the workbook.</li> </ul> <p><a href="#">Summer Bridge Activities</a> series</p> <ul style="list-style-type: none"> <li>Review of math, literacy, and science skills, organized as 15 minutes of practice per day.</li> </ul> <p><a href="#">Multiplication Fact Flash Cards</a></p> <ul style="list-style-type: none"> <li>The triangular cards support both multiplication and division facts</li> </ul> <p><a href="#">Base 10 Blocks w/ Place Value Mat</a></p> <ul style="list-style-type: none"> <li>Concrete tools can help students to visualize and manipulate quantities, as well as model and solve problems</li> </ul>	<p><a href="#">Rising Fourth Graders Summer Math Series</a> (Zearn.org, free online subscription)</p> <p><a href="#">Youcubed at Home</a></p> <ul style="list-style-type: none"> <li>Designed to give families simple, at-home ways to look at the world through the lens of mathematics</li> </ul> <p><a href="#">Timestable.com</a></p> <p><i><a href="#">Apps for Math Fact Fluency:</a></i></p> <ul style="list-style-type: none"> <li>Times Table Hero</li> <li>Sushi Monster</li> <li>Rocket Math</li> <li>Math Facts Mahjong Game</li> </ul>

