# Third Grade Summer Math Activity Log

Students are expected to spend **24 hours** or more during the summer months engaged in mathematics. This is approximately **two hours** of math practice per week. How can this occur? Students could create similar math word problems and riddles for their families and friends to solve. They could play math-related board games like Monopoly. Students could count loose change or estimate the cost and change for a purchase. They could compute the total of your grocery bill, plan a trip, analyze graphs/statistics in the newspaper, order the weeks' temperatures, measure ingredients using fractions for a recipe, identify patterns and shapes in their environment, etc. Students can also practice their addition and/or multiplication combinations by making illustrated flash cards. There are countless ways to engage your child in mathematics. *It is all around them.* To assist you with supporting your child throughout the summer months, a weekly math activity log has been created. Students who successfully complete their math logs **and** submit them to their new teacher on the first day of school will receive a special incentive.

| Third Grade Math Focus Areas | Math Websites |
|---|---|
| <ul><li>Know multiplication combinations (facts) and division facts within 100 ***automatically***. (up to 9 x 9 and 100 ÷ 10)</li><li>Solve one and two-step word problems. (+/-/x/÷)</li><li>Estimate and round whole numbers.</li><li>Add and subtract within 1,000. (up to 999 + 999)</li><li>Divide same-sized rectangles into the following **fractions** (equal-sized pieces): halves, thirds, fourths, sixths, and eighths. Label the pieces. Repeat this task with squares, lines and circles.</li><li>Find elapsed time with and without an open number line.</li><li>Use graph paper to construct rectangles and squares of different sizes. Then, find the **area** of each shape by counting the square units inside of them.</li><li>Find the **perimeter** of rooms inside your home by measuring and adding the lengths of the walls.</li><li>Solve area and perimeter problems.</li></ul> | www.discoveryeducation.com<br>www.illuminations.nctm.org<br>www.ixl.com<br>gregtangmath.com<br>www.mathcats.com<br>mixinginmath.terc.edu/materials/athomewithmath.cfm<br>www.figurethis.org<br>www.kidport.com<br>www.aplusmath.com<br>www.mathplayground.com<br>www.sumdog.com<br>https://play.dreambox.com/login/dspq/grandoe |
| | **Instructional Videos & Lessons; Progress Monitoring** |
| | www.learnzillion.com<br>http://summermath.tenmarks.com<br>www.xtramath.org (math facts & combinations) |
| | **MAP Math Support** |
| | Use your student's RIT score from their Student Progress Report for targeted activities:<br>http://www.sowashco.k12.mn.us/ro/pages/studentlinks/map |

| Date | Activity and/or Website | Minutes |
|---|---|---|
| June 9-13 | | |
| June 16-20 | | |
| June 23-27 | | |
| June 30-July 4 | | |
| July 7-11 | | |
| July 14-18 | | |
| July 21-25 | | |
| July 28-Aug. 1 | | |
| Aug. 4-8 | | |
| Aug. 11-15 | | |
| Aug. 18-22 | | |

Student's Name _____          Parent's Signature _____

***Please return this log no later than Friday, August 29, 2014 in order to receive your incentive!***