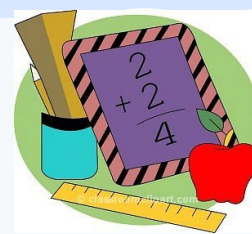


Passaic Public Schools
2017 District Math Activities
Grades 4 & 5



Summer Math Activities

- Give your child a number through the thousands and ask him or her to round the number to one of the two largest places. For example, round to the nearest hundred.
- Ask your child to name as many factor pairs as possible for a given number less than 40, such as 24 (1 and 24, 2 and 12, 3 and 8, 4 and 6).
- Practice reading numbers through hundred-thousands and identifying the places of the digits in the numbers. For example, ask “In the number 273,489 what is the place of the the digit 7? (ten thousand’s place). Have your child write numbers in expanded form. For example: 8,276 in expanded form is $8,000 + 200 + 70 + 6$
- Tell and solve number stories that involve adding fractions with the same denominators. For example, say “We used $\frac{2}{4}$ of a cup with flour. We then used another $\frac{1}{4}$ cup. How much did we use in all? ($\frac{3}{4}$)
- Find the area and perimeter of the top of a desk, table or a floor. ($A = L \times W$) Perimeter equals the total of all 4 sides when added together.
- Practice all multiplication and division facts through 12×12 .

Websites

- <http://www.mathabc.com>
- <http://www.mathplayground.com>
- <https://www.coolmath4kids.com>
- <https://www.ixl.com/math/>

Books to Read:

Books to Read:

- Schwartz, David: “Millions to Measure”
- Tang, Greg: “The Grapes of Math”
- Wells, Robert: “Can You Count to a Google?”
- Burns, Marilyn: “The Greedy Triangle”
- Pinczes, Elinor: “One Hundred Hungry Ants”

Games to Play:

- Othello
- Sorry
- Battleship
- Pizza Fraction Fun
- Yahtzee Jr

