MATH MATH MATH

Parents: This page is to help give you the knowledge and tools needed to help support your child mathematically throughout the year. Please do hesitate to contact me via email if you have any questions, and check the class website (www.2krocks.weebly.com) for links to helpful sites as well.

Cultivate a positive attitude.

By second grade, most students either like or dislike math. As they are introduced to multiplication and division, they form even stronger opinions. When they can answer problems correctly on a consistent basis, they learn to associate math with positive feelings. During much of second grade we will be continuing to build a solid foundation in math computation skills (fact families).

Stay flexible.

Many second-graders still need tactile/kinesthetic reinforcement and will touch and count on number lines, draw dots, or touch TouchPoints. Some can visualize the TouchPoints and use them as an invisible resource. Others are ready to leave them behind completely and reach memory mastery. If your child is still struggling with addition subtraction facts- encourage him/her to use the above mentioned techniques and strategies; USING A NUMBER LINE IS NOT CHEATING!!!

Mathematical Practice

Math is all around us and the more we incorporate it in our daily lives with our children (like reading) the easier it is for our children. Math skills are ***NOT*** an innate skill-even if you struggled at math as a child it does not mean your child will. Our brains are a wondrous thing-we can learn anything and succeed with practice!

Mathematical proficiency specified in the National Research Council's report *Adding It Up*: adaptive reasoning, strategic competence, conceptual understanding (comprehension of mathematical concepts, operations and relations), procedural fluency (skill in carrying out procedures flexibly, accurately, efficiently and appropriately), and productive disposition (habitual inclination to see mathematics as sensible, useful, and worthwhile, coupled with a belief in diligence and one's own efficacy).*

*Fun Math Activities around the house:

- Calculate miles to and from a favorite spot, the beach, relative or friend's house. Compare distances by farthest shortest, how much father or shorter, etc.
- Cut coupons, have your child determine cost with and without coupon for items on your grocery list.
- If your child receives an allowance, give them a check ledger (free at most banks) to keep track of their money. Remember to have them write and subtract purchases.
- Measure room perimeters by feet and then by books, or shoes. Compare the different measurements.
- Allow them to help in the kitchen measuring ingredients, etc.
- Minecraft has even shown to improve problem solving skills
- Prodigy math app (class code: E6C7F6)

As we all know we are each equally individual and unique, so are our minds, thus not all minds process and problem solve in the same way. Encourage your child to share with you concepts and strategies learned in the classroom. It is important to share in order to develop a deeper understanding of mathematical concepts. For this reason I am asking you to encourage your child to explain how they reach their answers, or what "strategy" they used to solve a problem. Thank you for your continued support in your child's education.

Created by: Jessica King 2k BSS © 2018