

Dear rising 5th graders and parents,

I am looking forward to getting to know each of you better next year. The upcoming school year is going to be fun and challenging. To prepare for these challenges, the 5th grade teachers have prepared some summer assignments to help you retain all the wonderful things that you have learned during 4th grade this year. Along with the summer reading projects, we have created a math packet. By reviewing the math concepts in this packet during the summer, we will be able to jump in to new material when school begins and not have to spend most of the first 9 weeks reviewing. This is meant to be a family affair, and we covered all of the Math concepts in this packet in the 4th grade curriculum. Parents and Students are asked to work together, when appropriate. This work is meant to be completed throughout the summer and not saved until the last minute.

This packet has several parts:

Part 1: Review worksheets: These worksheets are meant to be completed by the student. Parents, please check your child's work with the answer sheets provided. Please mark in a different color which problems they miss and have them correct them. A grade will be given based on completion and correction, not just how they did before corrections were made. Time Goal: completing **one** worksheet (front and a back) per week.

Part 2: Flash Cards: Please purchase multiplication flash cards. Have your child go through all of the cards once a week. Please note the date and the amount of time that it took them to complete all of the cards on the sheet provided. To receive full credit for this portion of the packet, a minimum of 6 entries must be made along with a parent's signature. Use this as a challenge to see how fast you can go!

Part 3: Math on the computer: Here are several websites where your child can visit and review math concepts. They should play games at a 4th grade level for multiplication, division, decimals or fraction games. On the sheet provided, please sign, date and note the amount of time your child spent on a particular site. To receive full credit for this portion, a minimum of 6 entries must be made with a minimum of 20 mins. each time.

<http://www.arcademicskillbuilders.com/>

<http://www.primarygames.com/math.htm>

<http://www.ixl.com>

Part 4: Math Facts Mastery: Please use the attached measurement conversions worksheet to quiz your child. For example, ask them "How many cups are in a pint?" Please sign and date the appropriate record sheet. A minimum of 6 entries must be made. We will be having a test on these within the first nine weeks.

Part 5: Timed tests: Sort your flash cards into fact families, and be sure to take out duplicates. For example: 4 x 5 is the same as 5 x 4. Children should only be quizzed on 13 cards in one minute. Choose the harder families such as 4's, 6's, 7's, 8's and 9's. See how many your child can get right in 1 minute.

Please master one family before moving on to the next, and please fill out the sheet provided. To get full credit for this portion, 12 entries must be made along with a parent's signature.

I know this seems like a lot, but I am very confident that this review will pay off for your child next Fall. As a reward for completing these assignments and turning the packet in by Friday, August 26th, the children will receive a popsicle and Sprite party during which they may bring board games to play.

I hope everyone has a blessed summer,

Dara Bechtol