What Can I Do to Enrich My Child’s Math Experience?

1. Maintain Fact Fluency
Learn and maintain addition, subtraction, multiplication & division facts by playing computer and traditional games. Websites for fact practice are listed on my school webpage: http://www.mtsd.k12.nj.us/Page/3900.

2. Provide Problem Solving Practice
Solve word problems together as a family. Focus on how to show thinking, label answers, and identify the problem structure (join, separate, comparison, part-part-total, equal groups, area/array, multiplicative comparison, combinations, multi-step, etc.) before solving. A good resource for word problems is the *Singapore Math workbook series 70 Must-Know Word Problems: Levels 1-6* published by Frank Schaffer/Carson Dellosa (sold on Amazon and at www.carsondellosa.com).

3. Tackle Complex Problems
Open Ended Problems are just plain fun! Try logic puzzles or problems that apply Math to Science, Engineering, Business or Arts topics. The focus here is on strategies, explaining the process used to reach an answer, justifying why an answer is correct, and developing perseverance to push through messy, difficult problems. Two good resources for open ended problems include www.fi.edu/school/math2/ and www.mathwire.com/problemsolving/probs.html.

4. Extend Content Knowledge
You can use your *Math in Focus* textbook (http://www.mtsd.k12.nj.us/Page/10793) and the Year at a Glance Document for your grade (http://www.mtsd.k12.nj.us/Page/10778) to work at home on any chapters not covered at school. *Compass Odyssey* also provides tutorials and activities that go beyond the topics being taught at school. You can find information about logging into Compass Odyssey through this link to the school webpage: http://www.mtsd.k12.nj.us//Domain/553.

5. Instill a Love for Math
By following a student’s interests and listening to what motivates them, you can help your child see how math is relevant to their world. Check out contests and other extracurricular activities on this district webpage: http://www.mtsd.k12.nj.us/Page/11230

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