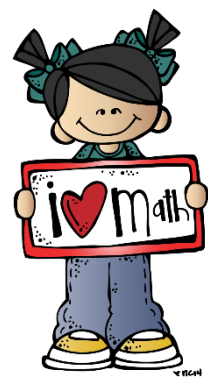


You *Are* a Great Mathematician!



May 27, 2020

Dear New Sixth Grader Students,

I know that you all have worked very hard during our online learning this last trimester. Now that you are used to working online, I want you to keep it up for the summer so you can keep your math skills nice and sharp. Research shows that if you take three months off from practicing your skills, you do lose your speed and accuracy in math. I want you to stay nice and sharp so next year we can hit the ground running.

Over the summer you will be required to complete a minimum of 300 minutes of math practice. That works out to about 30 minutes per week. I want you to work on these minutes throughout the summer. Please do not wait and try to complete all your minutes the two weeks before school starts. Plan a day and time each week to work. This will keep the momentum going all summer. It is fine if you take a week or two off if you go on vacation, but remember you can work on these minutes while you are riding in the car to and from vacation.

Included in this packet you will find a list of websites and activities to use for your summer math minutes along with a suggestion of minutes for each category and a log sheet for you to use to log your minutes. You may make additional copies of the log sheet as needed.

Even though the minimum requirement is 300 minutes, you are welcome to complete more hours. Anyone who completes 400 or more minutes will be entered in a special prize drawing that will be held during the first week of school, and the person who completes the most minutes will receive a special prize.

Summer math minutes will be graded based on the number of minutes completed:
300 minutes = 100%, 275 minutes = 93 %, 250 minutes = 83% and so on. The math minutes are due on the first day of class and must be signed by a parent or guardian.

If you have any questions at all over the summer, please feel free to reach out to me via email at mrs.fennessy@stmmparish.org. I will be happy to help you in any way that I can.

I wish you and your family a fun, safe and healthy summer with many blessing from above. See you in August on the first day of school.

Sincerely,

Mrs. Jean Fennessy

Math is Fundamental!

Please record your summer work on the Math Log included in this packet. Thank You! Your 300 minutes should be divided among the 4 categories! The times suggested are approximate, not mandatory. Just make sure you cover each category.

In each of these websites that allows you to select a level, begin with the 5th grade level. If you need a challenge you may go up to the 6th grade level games.

- 1. Basic Facts: ZETAMAC** <https://arithmetic.zetamac.com/> (30 Minutes)
Arithmetic Game – On-Line Speed Drill that helps you improve your accuracy and fluency of basic math facts for adding, subtracting, multiplying or dividing. I would suggest spending, at least, **5-10 minutes per week** practicing quick computations. Set the range from 2-12 in each area and practice the 2-minute drills! Keep track of your scores and progress on your Math Log!
- 2. IXL** <https://www.ixl.com/> (90 Minutes)
All students are familiar with IXL and have used the site for Math this year. You can use the grade level list provided for specific skills or explore and reinforce any math skills and concepts.
- 3. First in Math:** <https://www.firstinmath.com/> (45 minutes) We have been using this site for many years, so all students are familiar with it. You can use the grade level list provided for specific skills or explore and reinforce any math skills and concepts.
- 4. Additional sites listed below: (45 minutes)**
CoolMath: <https://www.coolmathgames.com/>
FunBrain: <https://www.funbrain.com>
ThatQuiz: <https://www.thatquiz.org>
- 5. Have fun while you learn: Board games, puzzles, cards, etc.: GAMES (90 Minutes)**
Many board games require students to use logic and/or math skills. Consider games like Monopoly, checkers, chess, cribbage, various card games, etc. Any game that requires counting and/or strategies would count. Put together a challenging puzzle with your family! **These would be hands-on activities done with other people. Not computer or video games.**

Focus on these skills:

Don't be afraid to try something new too!

- Place value and comparing numbers up to billions
- Addition & Subtraction- larger problems with borrowing
- Multiplication & Division- basic facts and larger problems
- Fractions- addition, subtraction, comparing
- Measurements- Standard-ounces, pounds, ton, cups, pints, quarts, gallons, inches, feet, yards, mile
Metric- millimeter centimeter, meter, liter, milliliter, kilometer
- Time- telling time and elapsed time
- Money
- Geometry- points, lines, circles, triangles, polygons
- Graphs and charts
- Word problems
- Decimals- comparing, addition, subtraction, multiplication & division to thousandths

TOTAL	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	

Total time in minutes (300 minutes required) _____

My child has completed the number of minutes stated above doing math activities.

Parent Signature _____ Date _____

Print out more log pages, as needed!