



Dear Parent/Guardian,

Throughout seventh grade, students have deepened their understanding of many mathematical topics and have learned new skills and concepts. In order to maintain these skills, it is important that students have opportunities to refresh and practice math throughout the summer weeks. Students are encouraged to engage in math activities to reinforce math skills and concepts that connect math to their world. In seventh grade students focused on the following big ideas:

1. The Number System
2. Ratios and Proportional Relationships
3. Expressions and Equations
4. Geometry
5. Statistics and Probability

A variety of math websites are also being provided so that students may review, enrich and challenge their math understanding. We encourage your children to spend time reviewing math concepts every week. Ideally if students practice math 10-15 minutes every day or one hour per week this may help to keep your students exposed and interested in the topics they have learned this year. Attached to this letter is a log which you can use to record the math your child has done throughout the summer. All students who submit a log to their math teacher in the fall will be recognized by their teacher at the beginning of the year.

1. <http://www.khanacademy.org/> Students can sign into this website and select their grade. Students will be given an assessment followed by videos and problems targeted to their appropriate learning level.
2. <https://www.mathgames.com/grade7> Math games has interactive games that can be set for any grade level. In addition, students can practice specific skills at each grade level. If students create a free user account, they can track their progress throughout the summer.
3. <https://xtramath.org> XtraMath helps students practice their basic math facts. It takes less than ten minutes and can be done from any web connected computer. The program is free, there is no advertising, and



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your child's information stays completely private.

4. <https://www.ixl.com/> IXL is an immersive K-12 learning experience that provides comprehensive, standards-aligned content. Students can select their grade and a specific area to solve problems. Without signing up students can solve 10 problems in each skill level every day.
5. <http://www.sheppardsoftware.com/math.htm> Free online kids math games make learning fun. Topics: addition, subtraction, multiplication, division, fractions, money, algebra, and place value.
6. <http://www.education.pa.gov/K-12/Assessment%20and%20Accountability/PSSA/Pages/Mathematics.aspx#tab-1> The Pennsylvania Department of Education PSSA website. This site has released items with solutions. These are pdf files that you can download and print and do with pencil and paper, if you would like.

Please note that the websites listed above were reviewed by the district, but we always encourage parents to monitor their child's use of any internet site.

We hope you and your family have a safe and enjoyable summer.

Sincerely,

Jeff Nesbitt, Ed.D.

K-12 S.T.E.M. Coordinator



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Math Log

Student Name _____

Parent Name _____

Parent Signature _____ I attest that my child has completed the activities as stated on the math log listed below.

Date	Topic(s) Circle the number(s)	Method or Website(s) Used Circle the number(s)	Number of Minutes
Week 1	1 2 3 4 5	1 2 3 4 5 6 other	
Week 2	1 2 3 4 5	1 2 3 4 5 6 other	
Week 3	1 2 3 4 5	1 2 3 4 5 6 other	
Week 4	1 2 3 4 5	1 2 3 4 5 6 other	
Week 5	1 2 3 4 5	1 2 3 4 5 6 other	
Week 6	1 2 3 4 5	1 2 3 4 5 6 other	
Week 7	1 2 3 4 5	1 2 3 4 5 6 other	
Week 8	1 2 3 4 5	1 2 3 4 5 6 other	
Week 9	1 2 3 4 5	1 2 3 4 5 6 other	
Week 10	1 2 3 4 5	1 2 3 4 5 6 other	

*If needed you can make additional copies or find copies on the district website.