

Parent Resources For Helping Your Student With Mathematics

General Resources for all Grades

- This URL developed by Achieve the Core takes parents directly to a short 3 minute videos for parents that explains the purpose of the Common Core Standards:
<http://achievethecore.org/page/836/common-core-videos-for-parents>
- The public website for the Maryland State Department of Education (MSDE) includes a variety of parent resources. Click on the icon for the MSDE Blackboard website. Once this page opens, locate and click on the words **PARENT RESOURCES** in the top right corner of the page:
<https://msde.blackboard.com/webapps/portal/frameset.jsp>
- The full set of Maryland College- and Career-Ready Standards for Mathematics can be viewed also at the following MSDE website: <http://mdk12.org/instruction/curriculum/mathematics/index.html>
- This website from the Council of The Great City Schools supplies resources for grades K through 8 and for high school. The Council has developed content and grade-specific *Parent Roadmaps for Mathematics* that provide detailed information for parents about the expectations of the Common Core State Standards in Mathematics. Each roadmap includes: (1) examples of grade-level focus in the content area using parent-friendly language, (2) sample progressions of learning connections across three grade levels, and (3) tips to parents on communicating with teachers about their student's work and on ways to support student learning at home. Spanish-language versions are available in grades K through 8: <http://www.commoncoreworks.org/domain/149>
- This website established by the National Council of Teachers of Mathematics (NCTM) provides multiple resources and tips for helping your student learn today's mathematics. Additionally, this NCTM website highlights many online activities, games, and lessons for your student. Select the grade level that is most appropriate for your student's individual level:
<http://www.nctm.org/resources/content.aspx?id=2876>
- This website is from the National Parent Teacher Association (PTA). This organization offers parent resource booklets entitled, *Parents' Guides to Student Success*. The guides were developed by teachers, parents, and education experts in response to the Common Core State Standards. Created for grades K through 8 the guides provide clear, consistent expectations for what students should be learning in mathematics in each grade/course in order to be prepared for college or career. Guides can be accessed at: <http://www.pta.org/content.cfm?ItemNumber=2796>
- This website from LearnZillion provides videos of mathematics lessons on a wide variety of topics, for grades 2 through 12, with an additional listing for high school. The materials are organized by the topic/content at: <https://learnzillion.com>

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Grades Pre-K to 5

- This URL provides a free copy of the booklet entitled, *Helping Your Child Learn Math*. This booklet provides suggestions and activities to use with your student, including: *Math at Home*, *Math on the Go*, and *Math at the Grocery Store*, among others.
<http://www2.ed.gov/parents/academic/help/math/index.html>
- Public Schools and Montgomery County Public Schools for strategies teachers may be using.
K-5 <http://video.carrollk12.org/ElementaryMath/ParentalResources>
K-5 (<http://www.montgomeryschoolsmd.org/curriculum/2.0/parent-newsletters.aspx>)
- This website provides multiple resources and tips for helping your student learn today's mathematics. It is from the National Council of Teachers of Mathematics
<http://www.nctm.org/resources/content.aspx?id=2876>
- These websites are filled with activities and downloadable ideas for using the hundreds chart to help your student develop number sense, understand place value, learn number patterns, and many more math concepts.
- <http://www.smartfirstgraders.com/hundreds-chart.html>
- <http://letsplaymath.net/2008/09/22/things-to-do-hundred-chart/>
- http://www.softschools.com/math/hundreds_chart/missing_numbers_game/
- This URL provides a list of the types of mental math strategies many teachers use to help students learn the basic facts. <http://hanlonmath.com/pdfFiles/244StrategiesforFactsBH.pdf>.
- This is a good website to use to help your students learn basic facts.
<http://www.nzmaths.co.nz/basic-facts-learning-objects>

Grades 6 to 8

- This website is from the National Parent Teacher Association (PTA). This organization offers parent resource booklets entitled, *Parents' Guides to Student Success*. The guides for grades 6 to 8 are at:
 - http://www.pta.org/files/6th_Grade_BW.pdf
 - http://www.pta.org/files/7th%20Grade_B-W.pdf
 - http://www.pta.org/files/8th%20Grade_B-W.pdf

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- This website established by the National Council of Teachers of Mathematics (NCTM) provides multiple resources and tips for helping your student learn today's mathematics. For information that focuses on grades 6 to 8, explore the sections on middle school at: <http://www.nctm.org/resources/>
- The high school version of *Parent Roadmaps for Mathematics*, created by the Council of The Great City Schools can be accessed at:
 - http://www.cgcs.org/cms/lib/DC00001581/Centricity/Domain/149/ParentGuide_Math_6.pdf
 - http://www.cgcs.org/cms/lib/DC00001581/Centricity/Domain/149/ParentGuide_Math_7.pdf
 - http://www.cgcs.org/cms/lib/DC00001581/Centricity/Domain/149/ParentGuide_Math_8.pdf
- This website from LearnZillion provides videos of mathematics lessons on a wide variety of topics, for grades 2 through 12, with an additional listing for high school. The materials are organized by the topic/content. To access lessons on middle school content, click on **MATH** and then on **GRADES 6-8** at: [https://learnzillion.com/search?query=&page=1&models\[\]=LessonSet](https://learnzillion.com/search?query=&page=1&models[]=LessonSet)

High School

- High school resources from the National Parent Teacher Association (PTA), entitled *Parents' Guides to Student Success*, can be found at: http://www.pta.org/files/HS%20Math_B-W.pdf
- This website established by the National Council of Teachers of Mathematics (NCTM) provides multiple resources and tips for helping your student learn today's mathematics. For information that focuses on high school, explore the relevant sections at: <http://www.nctm.org/resources/>
- The high school version of *Parent Roadmaps for Mathematics*, created by the Council of The Great City Schools can be accessed at:
http://www.commoncoreworks.org/cms/lib/DC00001581/Centricity/Domain/149/ParentGuide_Math_HS_Final.pdf
- This website from LearnZillion provides videos of mathematics lessons on a wide variety of topics, for grades 2 through 12, with an additional listing for high school. The materials are organized by the topic/content. For lessons on high school content, see:
[https://learnzillion.com/search?query=high%20school&page=1&models\[\]=LessonSet](https://learnzillion.com/search?query=high%20school&page=1&models[]=LessonSet)