

FOREST VIEW ELEMENTARY PTA, DURHAM, NC
Making Math Fun and Meaningful at Home!
Online Math Resources for Families

Math Standards, Expectations for your Child at School

Math NC Standard Course of Study (NCDPI), Common Core Standards

<http://www.ncpublicschools.org/acre/standards/common-core/>

NCPTA Parent Brochure for Common Core Standards

http://www.ncpta.org/parent/Files/CommonCore_Brochure_Elementary.pdf

Key Points in Mathematics, Common Core State Standards

<http://www.corestandards.org/about-the-standards/key-points-in-mathematics>

Parent Roadmaps for Mathematics, Council of Great City Schools, K-8 grade levels

<http://www.cgcs.org/Page/244>

Glossary of Mathematical Terms for Parents and Teachers (NCDPI, older resource)

<http://mathlearnnc.sharpschool.com/cms/One.aspx?portalId=4507283&pageId=5144741>

Problem Solving Activities

Math Stars Problem Solving Newsletters (NCDPI)

<http://mathlearnnc.sharpschool.com/cms/One.aspx?portalId=4507283&pageId=5856332>

Math Superstars (NCDPI)

<http://mathlearnnc.sharpschool.com/cms/One.aspx?portalId=4507283&pageId=5856292>

Problem Solving Decks (NCDPI)

<http://mathlearnnc.sharpschool.com/cms/One.aspx?portalId=4507283&pageId=5856325>

Math at Home Activities (TERC)

<http://athomewithmath.terc.edu/>

Online Math Games

K-1 Investigations (TERC)

http://investigations.terc.edu/library/Games_K1.cfm

2-3 Investigations (TERC)

http://investigations.terc.edu/library/Games_23.cfm

4-5 Investigations (TERC)

http://investigations.terc.edu/library/Games_45.cfm

Illuminations K-5 (NCTM)

<http://illuminations.nctm.org/Activities.aspx?grade=all>

For more information, please feel free to contact Forest View parents, Geoff or Sneha Shah Coltrane
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Making Math Fun and Meaningful at Home!
Three Important Tips for Working with your Children

- 1. Math is everywhere – make it meaningful and fun!** Math is a part of our everyday lives and is one way we make sense of our world. Help your child make those same connections by incorporating math into your everyday activities and routines. From sorting the laundry to cooking a meal to playing a game, math is a part of many of our everyday activities. For math to be meaningful, it needs to make sense. Demonstrate to your child how you use math in your everyday life and ask them to help in those routines. When reading a book, ask your child questions about the math that you notice. Talk about the math that you are using when you play games with your child. Discuss the math in daily routines and on errands. Make it part of your day, just like reading.
- 2. Ask your child to explain their thinking.** While there might be “one right answer” to a math problem, there is often no “one right way” to solve it. It is important for children to solve problems in a way that makes sense to them. As a parent, you do not need to know all the answers to your child’s math homework. It is more important that you talk to them about the math and how they solved the problems. Ask your child when working with them to explain their thinking. By explaining their thinking, children are further refining the mathematical processes that make sense to them. Also, explain to your child how you would solve a math problem. Having students solve problems in different and many ways helps them to develop a deep understanding of the math topic.
- 3. Ban “I’m bad a math!”** You have probably heard many people say that “I was never any good at math” (or maybe you have said it yourself). Make a pledge to ban that statement from your household. When we tell our children that we were never any good at math, we are turning them off to mathematics and reinforcing the idea that it is okay not to try. For students to be successful in today’s society and economy, students need to be mathematically literate. The first step to being mathematically literate is to encourage students to have a positive attitude toward math.

