

A stylized, layered landscape illustration. The foreground features rolling green hills with dark brown soil patches. On the left, there is a green tree, a purple flower, and some orange foliage. A small red bird is flying in the upper left. The background consists of light blue and white wavy bands representing the sky.

# *Secondary Math*

*By: Nikki Turnbach*

# Agenda

- Introduction and Welcome
- Steps to being a successful math student
- Resources
- Information
- Tips and tricks
- Questions/Comments



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# 1. POSTIVE ATTITUDE ABOUT MATH

- Engage:
- What was your math experience like during school?
- Do you feel like your student is enjoying math?



Attitude  
Changes  
Everything!

## 2. Find Math in your daily life

Engage:

- Look at this picture. What are some math conversations you could have with your student?
- What are some other ways your student experiences math in their daily life?





How many ways do you see math being used here?



Talk about math regularly to get your student used to using it daily and securing those mental math skills!



How do sports involve math? What would a conversation look like in this scenario?



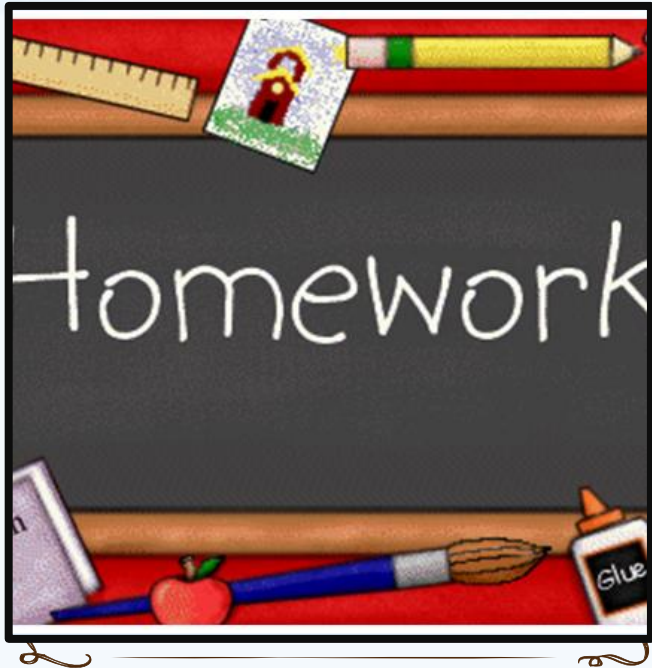
### 3. Tips to Become a Successful Math Student

- Ask the teacher for help/tutoring
- Advocate for your learning
- Participate in class and be proactive with questions
- Be willing to learn and teach others
- Attend class regularly



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## 4. Daily Do's to help strengthen math fluency



Doing homework is essential for both the student and teacher. It is meant to be a practice of the lessons taught not a graded assessment.



Practice math facts daily just as you would practice reading or any other skill. 10 minutes a day is all it takes.



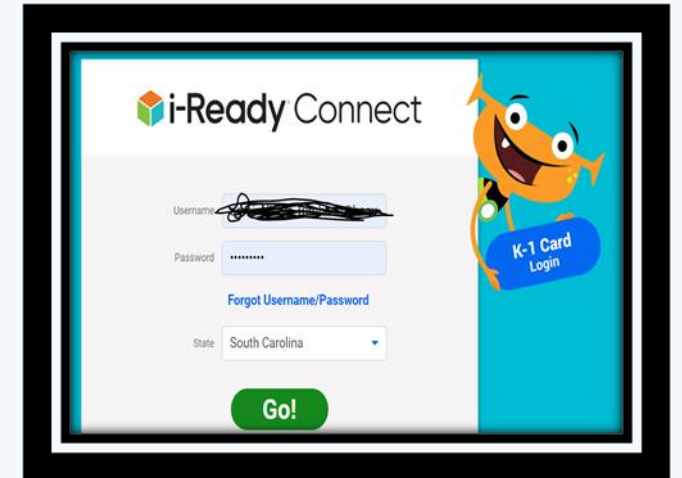
Play games that are not online. Keeping score, learning strategies, and using mental math are fun ways to strengthen math fluency



## 5. District and School Resources



The screenshot shows the homepage of the South Carolina Department of Education. At the top left is the state seal and the text "SOUTH CAROLINA DEPARTMENT OF EDUCATION ed.sc.gov". To the right is a "Skip to main content" link and social media icons for Facebook, Twitter, and LinkedIn. A dark teal navigation bar contains the following links: "Districts & Schools", "Tests", "Educators", "Instruction", "Data", "Policy", "Finance", and "SBE". Below this bar, a breadcrumb trail reads "Home / Instruction / Standards & Learning". The main content area features a large image of a student in a lab coat looking at a beaker with orange liquid, with the text "STANDARDS & LEARNING" overlaid in large white letters.



The screenshot shows the i-Ready Connect login interface. It includes a login form with fields for "Username" (containing a scribbled-out name) and "Password" (masked with dots). Below the password field is a "Forgot Username/Password" link. A "State" dropdown menu is set to "South Carolina". A green "Go!" button is at the bottom. On the right side, there is a cartoon orange character and a blue button that says "K-1 Card Login".



The screenshot shows the Dreambox Learning logo, which consists of a stylized blue and green 'd' icon above the text "dreambox" in a green sans-serif font, with "LEARNING" in a smaller blue sans-serif font below it.

# Priority Standards for each grade level

Grade	Main accomplishments your student should achieve by EOY
6	Multiple representations of Rational numbers (fractions, decimals, percentages), Positive and Negative representation on a number line, Expressions, Equations, and Equalities, Real world word problems, Ratios and Proportional Relationships, Ratios and Rates, Geometry and Measurement, Unfold three dimensional figures to find surface area, Data Analysis and Statistics (mean, median, and mode), Visual models to discover volume of rectangular prism ( $V=lwh$ ),
7	Apply concepts of all four operations with rational numbers to solve real-world and mathematical problems, Ratios and Proportional relationships, Expressions, Equations, and Inequalities using the Order of Operations to solve real-world word problems, extend prior knowledge of operations with positive numbers to multiply and divide, linear equations and inequalities, two- and three-dimensional figures, supplementary and complimentary angles, investigate the concept of circles, data analysis and probability (mean, median, mode), graphing,
8	Explore Real numbers, decimals and scientific notation, linear equations and inequalities, compare multiple representations of two functions including mappings, tables, graphs, and equations, linear and non-linear functions to graphs, properties of transformation (rotations, reflections, translations, and dilations), Triangles, Pythagorean Theorem, data analysis and probability

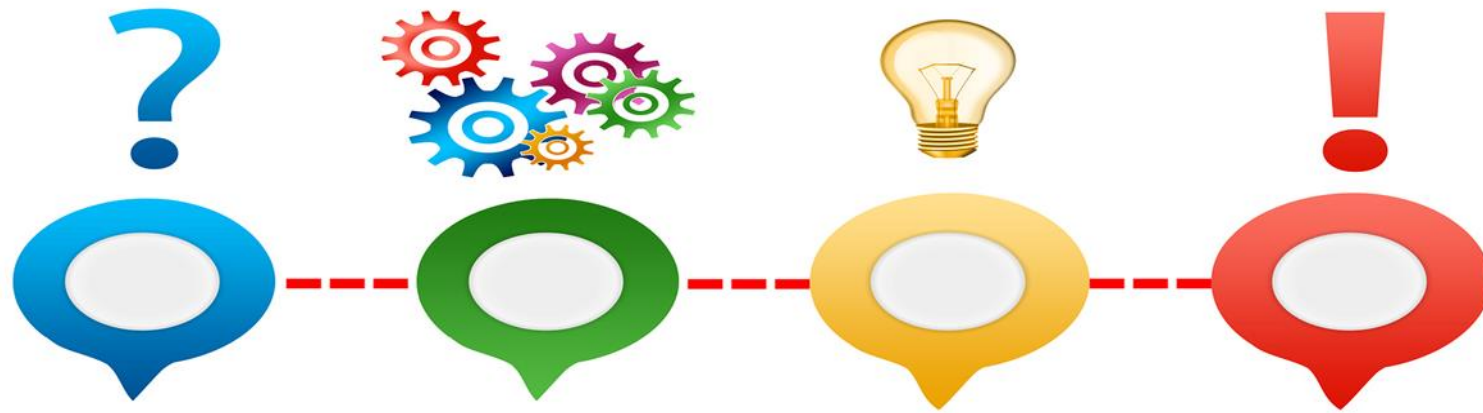


Careers that involve Math:  
How do you use math in your daily job? Why is math important?

How do you use math in your daily job? Why is math important?



*Your turn to ask me....*





# THANK YOU FOR JOINING TONIGHT

*Please contact your child's teacher, school math coach, or me for any further questions or information.*

