



# Mathworks News

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## Of Special Interest

- Summer Weather Camp planning for 2010 is already underway. This summer, the camp, in its 7<sup>th</sup> year, will be expanding to a total of 7 colleges as part of an NSF grant. If you know of any high school student with a weather interest, please let them know about the camp opportunity.
- Mathworks is planning to schedule SAT / ACT prep in both individualized and group settings. Please contact us early so we can get your child started on language arts prep on their own as far in advance as possible.

## Math Cartoons...

**Cartoons can sometimes provide great insights into math and science concepts.**

**Click [here](#) for yet another web site that provides a compilation of some neat math cartoons.**

## Mathworks Expansion Complete...but

The Mathworks Tutoring Center (across from Gulf Coast HS) has doubled its physical space. And based on growing interest from other parts of Naples, we are starting to consider expansion to another site.

But we are not only into physical expansion; our staff has grown by leaps and bounds, too.

We now have more than a dozen teachers and career professionals with math backgrounds onboard. All are well-versed working with students.

This means that our ability to provide support to students has grown, as well.

We are now able to address client needs for students as young as kindergarten who may be having difficulty mastering some very basic math concepts. But, we are also able to help adult learners in topics such as calculus and statistics. In fact, last month we began tutoring a 73-year old man who wanted to refresh his math so he could help his adopted son!

We have also added to our math textbook library, brought wireless Internet into our Center to help students in Florida Virtual School, and are buying new games and other resource materials.

## Toys and Games...

Speaking about games, we've recently had an opportunity to discuss their use at home to teach and reinforce math concepts. This is an especially important consideration when your child is weak or not interested in math.

We are talking board games here, not computer games. And we are talking about games that involve more than one player. This helps your child develop interpersonal skills, learn how to play by the rules, learn how to read and develop other skills far beyond "just math."

Card games such as "Go Fish," or "War," board games such as "Candyland" or

"Sorry" and other games like "Checkers," "Mancala" "Yahtzee" and "Racko" all bring a lot of math with them.

Be sure to include exercise-related math, as well. Sports-focused games that include footballs, basketballs, baseballs and the like can be considered toys, too.

And don't forget the simplest of toys – crayons, chalk and erasable whiteboards. These easily incite creativity in your child.

Just be sure to get age-level appropriate toys and games and then use these to enhance family time and/or foster your child's education.



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We're on the Web!

See us at:

<http://www.weatherworks.com/mathworks.html>

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**"Fostering Math Understanding and  
Success One Student at a Time"<sup>SM</sup>**

## Don't Wait...dèjà vu!

Based on experience and formal educational training, we know that weakness in math (or "math anxiety") during the elementary school years, translates into a greater insecurity by the time a student reaches high school.

Rather than have your child lose valuable learning years, we encourage parents to address any weakness in math skills as soon as possible.

Yet, we are finding that many parents and students are not as keen on

garnering tutoring support at the elementary level, but are rushing in, sometimes only a few weeks before the SAT exam, inquiring about help.

Preparing for high school, SAT/ACT tests and college involves a long-term effort. Think about this and start preparing when your child is still at the formative stage. Also, have your child start prepping for the SAT/ACT at least 6 to 12 months in advance for language and 3 to 6 months in advance for math.

## Math articles at Associated Content

H. Michael Mogil, one of the Mathworks principals, is continuing to post math-related (and other) articles at Associated Content, an online media web site.

You can read his articles at

<http://www.associatedcontent.com/weather>

Current articles with a math focus include Graphing / Charting, Responsibility in the Classroom and SAT Prep.

Although not strictly a math problem (although there is a math component), Mike has also published a slide show posted on rainbows. Enjoy the photography!

## About Mathworks...

Mathworks Tutoring, LLC is a locally owned and operated math tutoring business. Although we are only in our fourth full year, we have developed a reputation of providing focused math support to students in grades K through college, including SAT, ACT and ASVAB preparation. With a team of more than a dozen tutors, we now also offer SAT language arts tutoring, homework helping, study skill building and even tutoring in other subjects (upon request). Most of our client families have given us the highest marks for helping their child improve their grades, understand math or language arts concepts.

Our tutors are either certified teachers or have extensive workplace experience. All are background-checked and subscribe to the Mathworks educational philosophy of providing focused help to each student.

Mathworks is owned by Barbara Levine and H. Michael Mogil.

