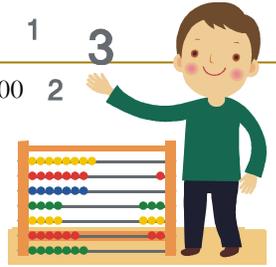




2012 MATH FAIR



The 2012 Davidson Elementary Math Fair was a great success! Over 100 students participated, with inventive and in-depth math explorations. Our guest judges from across CMS and the local community had incredibly positive feedback about our hard-working DES math students. Hats off to all who participated!

A special thanks also goes out to all of our parent volunteers who assisted with setup—we couldn't have done it without you!

Our top winners from each grade level will move on to the Regional Math Fair, held March 31st at Appalachian State University. Best of luck to them as they advance in the competition!

<u>3rd Grade</u>	<u>4th Grade</u>	<u>5th Grade</u>
<u>1st:</u> Bernie Shen	<u>1st:</u> Ariana Conway	<u>1st:</u> Julia Van Epps
<u>2nd:</u> Eleanor Bolton	<u>2nd:</u> Mitch Porter	<u>2nd:</u> Phillip Hazel
<u>3rd:</u> Ryan Mangiapane	<u>3rd:</u> Jackie Jewel	<u>3rd:</u> Mia Noonan
<u>Honorable Mentions:</u> Peter Stenger Charlie Titus	<u>Honorable Mentions:</u> Carlton Bragg	<u>Honorable Mentions:</u> Anna Batty Tilly Boraks Zach Eddy

FAMILY FEEDBACK!

If you ever have questions, concerns, or need more info, please don't hesitate to contact us!

Mrs. Retort

Mon.—Tues.

kristinretort@cms.k12.nc.us



Mrs. Tedone

Mon.—Fri.

kathleenk.tedone@cms.k12.nc.us

PHONE: 980-343-3900

OUR WIKI: <http://destd.cmswiki.wikispaces.net>

WORDMASTERS

Many 3rd and 4th Grade students have been participating in the WordMasters Challenge. This competition encourages growth in vocabulary, analogies, and analytical reading. WordMasters addresses higher-level word-comprehension and logical abilities and helps students learn to think both analytically and metaphorically. Students have recently received their second word list in preparation for their next challenge. High-scorers will also receive school-level recognition – good luck! (Practice at <http://wordmasterschallengeprepsite.com> using Blue '10-'11 lists!)

HELP YOUR CHILD AT HOME AND SCHOOL!



- * Let your child have time alone to daydream.
- * Value the individuality of your child. Don't expect uniform giftedness and/or achievement.
- * Help your child understand and accept his/her giftedness.
- * Set realistic expectations for performance at home and at school—advanced intellectual ability may make the child seem older and more mature than he/she is.
- * Go places: museums, historic sites, new cities, national parks, universities, libraries, etc.
- * Provide opportunities to explore many different areas of learning and physical activity.
- * Encourage your child to pursue his/her special interests and to specialize in specific areas.
- * Teach study skills, research skills, time management, goal setting, and task completion.
- * Help your child make choices, and allow him/her to live with the consequences of those choices.
- * Praise for effort as well as accomplishment. Watch for perfectionistic tendencies.
- * Teach independence skills (how to do laundry, cook, clean, etc.) and assign work responsibilities.
- * Encourage child to keep a journal.

Adapted from Anne S. Napier, *Partners for the Advancement of Gifted Education (PAGE)*

As EOG testing quickly approaches, even the strongest students may require a refresher in test-taking strategies. Testing tips are especially important for our 5th Grade students, as middle school class placement relies heavily on EOG performance data. Check out the testing tips below to ease anxiety!



- **BREATHE!** Oxygen to the brain will help you think. Think positive - "I can do this!"
- Read the question and ALL answer choices before marking anything.
- Answer what you are sure of first. Mark those that you want to check again, put a ? on any skipped.
- Don't be afraid to skip a question. There are often answers in the choices in other questions. If you are not sure of an answer, line through wrong answer(s), and come back to the question later.
- Do not choose an answer that contains information you have never heard of!
- Find KEY WORDS or phrases in the question that will help you choose the correct answer.
- Choose the BEST overall answer when more than one choice seems correct.
- Do not change your answer unless you are very uncertain about your first answer choice, or you misread the question.
- If you finish early, go back and check your work – that means reread and actually resolving the problems! Make sure you have not left any unanswered questions.

Compiled from the New Hanover County Schools and Monticello High School websites.

MATH OLYMPIAD PROBLEM OF THE MONTH

Bay Street has between 1 and 15 houses, numbered 1, 2, 3, and so on.

Mr. Jarrett lives in one of the houses.

The sum of all the house numbers LESS than his equals the sum of all the house numbers GREATER than his.

How many houses are there on Bay Street?



Answer is: 8

STRATEGY: Make a table.

Consider the first few houses on a street, then the house that Mr. Jarrett might live in, and then the first few houses that come after that.

Beginning of Street	Mr. J	End of Street
$1+2+3=6$	4	$5+6=11$ (too big)
$1+2+3+4=10$	5	$6+7=13$ (too big)
$1+2+3+4+5=15$	6	$7+8=15$ (equal!)

Therefore, there are 8 houses on Bay Street.

FOLLOW UP: Suppose the product of the house numbers before Mr. Jarrett's is the same as that of the house numbers after his. How many houses are on Bay Street?

Answer is: 10