



Imagine. Create. Lead.

Mission

The MSiC will be the innovator, incubator and advocate of 21st Century math and science programs for the Capital Region's K-12 educators and students.

MSiC Consortium

Divisions

- Chesterfield
- Colonial Heights
- Hanover
- Henrico
- King William
- Petersburg
- Powhatan
- Richmond

Contact

Information

MathScience
Innovation Center
2401 Hartman Street
Richmond, VA 23223
www.msinnovation.info
Tel: 804.343.6525
Fax: 804.343.6529

Topics in Math at Harrowgate Elementary School Grade 4 Spring 2010

A Course for Gifted & Talented Students

Do you know?

- How to use your human calculator?
- How to find figurate numbers, patterns, and sequences?
- How to write numbers in other bases and number systems?
- That there are thousands of shapes one can make with tangrams?



Explore these and other fun math topics on five Saturday mornings.

Play with geometry!
Solve math puzzles!
Learn about Fibonacci, Pascal, Napier, Euler and other famous mathematicians!

Apply your knowledge of math to solve real-world problems.



General Information

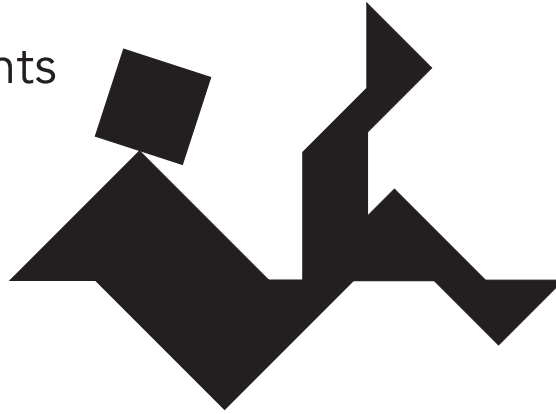
1. *Topics in Math* will be held at the Harrowgate Elementary School on the following Saturdays **March 20, 27, April 17, 24** and **May 1** (Note: There is no weather related make-up). Classes will meet from **9:30 am to 12:30 pm**. Students are expected to attend every Saturday. Check your calendar carefully!
2. Fourth grade students, identified as gifted by Chesterfield County Public Schools, currently enrolled in a public school of the Chesterfield School Division, are eligible to participate.
3. Students will be selected for attendance through the Gifted Program of Chesterfield County Public Schools. They will rank students and submit the applications to the MathScience Innovation Center. Submit your completed application to your Teacher of the Gifted in your elementary school by the deadline set by Chesterfield County. Do not send your application directly to the MathScience Innovation Center.
4. Your acceptance and registration in the program will be confirmed prior to the opening date by e-mail from the MathScience Innovation Center and will be accompanied by specific instructions for the program. If you do not have e-mail, the U.S. mail will be used. A one-time fee of \$30 is charged for materials and is paid on the first day of class. Certificates will be awarded to every student who completes the class (only 1 absence allowed).
5. Check our website, **www.msinnovation.info**, for information on our summer class offerings for rising 4 - 8 grades.
6. For additional information contact:
Debbie Mitchell: Phone 804-343-6525 ext. 243 E-mail: dmitchell@msinnovation.info
Doug Childers: Phone 804-343-6525 ext. 245 E-mail: dchilders@msinnovation.info
7. Chesterfield County will provide bus transportation to the Harrowgate Elementary School and return to the pick-up site or, Parents have the option of driving their child directly to Harrowgate. The specific pick-up times will be posted on our website in late February.



School Bus Pick-up Points

Chesterfield

Bird High
Clover Hill High
Manchester Middle
Middlelothian Middle



"In accordance with federal laws, the laws of the Commonwealth of Virginia and the policies of the School Board of the City of Richmond, the Richmond Public Schools does not discriminate on the basis of sex, race, color, age, disabilities or national origin in the provision of employment and services. The Richmond Public Schools operates equal opportunity and affirmative action programs for students and staff. The Richmond Public Schools is an equal opportunity/affirmative action employer. The Section 504 Coordinator is Mr. Harley Tomey, Richmond Public Schools, 301 North Ninth Street, Richmond, VA 23219, 804.780.7911. The Title IX Officer is Ms. Willi A. Williams, Richmond Public Schools, 301 North Ninth Street, Richmond, VA 23219, 804.780.7716." The United States Department of Education's Office of Civil Rights may be contacted also at P.O. Box 14620, Washington, D.C. 20044-4620. Telephone: 202.208.2545.



Registration

Topics in Math at Harrowgate Elementary School • Spring 2010

First Name Initial Last Name

School Division

Grade School

Phone Fax Emergency Phone

Home Address City State Zip

E-mail OK to notify you? (circle) **yes** **no**

School Bus Pick-up (if applicable)

Parent Permission

Permission is hereby given for the release of the information requested below concerning my son/daughter. Such information will be used in the selection process in the Topics in Math class.

Parent's Signature

Student's Name

School

Teacher Recommendation

Please estimate the extent to which the student has demonstrated the qualities listed below:
(Scale: 1-Poor, 2-Fair, 3-Good, 4-Superior)

- Interest in mathematics 1 2 3 4
- Intellectual curiosity 1 2 3 4
- Intrinsic motivation for learning 1 2 3 4
- Creativity/originality of ideas 1 2 3 4
- Ability to work in groups 1 2 3 4
- Responsible attitude 1 2 3 4

What do you feel are the applicant's greatest strengths?

What program of studies under your supervision has the student taken? In what years?

On a separate sheet, please add any other comments about the student which may be helpful.

Teacher's Name