

Guilford County, North Carolina

<http://tmsacharter.org>

For a Bright American Generation



What is a Charter School ?

- ❑ Charter schools are public schools, which are privately governed by a non-profit Board, but receive taxpayer money from the State
- ❑ School plan and procedures are approved by North Carolina State Board of Education and North Carolina Office of Charter Schools
- ❑ Provides more flexibility in teacher certification and programming
- ❑ Must offer innovative and unique themes in education to increase students' achievement
- ❑ A choice for parents in the education of their children.
- ❑ Open enrollment, no tuition.

A Charter School is ...

- NOT a private School
 - ▣ Free private school environment.
- NOT a magnet School
 - ▣ No academic eligibility requirement.
- NOT a school exclusively for:
 - ▣ Special Education
 - ▣ Gifted Students



TMSA Mission and Focus



The focus of Triad Math and Science Academy is to provide research-based science, math, and technology education to:

- ▣ prepare its students for challenging careers and higher education, especially in scientific fields;
- ▣ help students to be able to compete in the global economy;
- ▣ create scientifically literate leadership potential

using rigorous proven programs recognized by the US Department of Education, the National Science Foundation (NSF), the National Science Teachers Association (NSTA) and National Council of Teachers of Mathematics (NCTM).

Board of Directors



□ Ali Tombak, Ph.D. (President)

- **Occupation:** Senior Design Engineer, Corporate Research & Development, RF Micro Devices Inc.
- **Education:** Ph.D. in Electrical Engineering, University of Michigan, Ann Arbor, MI, 2004.



□ Numan S. Dogan, Ph.D. (Vice President)

- **Occupation:** Professor, Electrical Engineering Department, NC A&T State University.
- **Education:** Ph.D. in Electrical Engineering, University of Michigan, Ann Arbor, MI, 1986.



□ Diane M. Gunesgor (Secretary)

- **Occupation:** Elementary School Teacher, Orange County School System.
- **Education:** B.Sc. in Elementary Education (Minor: Psychology), Nyack College, Nyack, NY, 1990 (MS in Admin. in May 2009).

Board of Directors



- Gary L. Lebbly, Ph.D. (Treasurer)
 - ▣ **Occupation:** Professor and Director of Machine Intelligence, Electrical Engineering Department, NC A&T State University.
 - ▣ **Education:** Ph.D. in Electrical Engineering, Clemson University, Clemson, SC, 1985.



- Suzan Mertyurek
 - ▣ **Occupation:** Contract and Proposal Analyst, Pharmaceutical Product Development (PPD) Inc.
 - ▣ **Education:** B.Sc. in Business Administration, Kenan-Flagler Business School, University of North Carolina, Chapel Hill, NC, 1998 (MBA in May 2009).

Support from the Community, Legislators & Elected Officials

We are pleased to have the strong support of our legislators, elected officials and community leaders in Guilford County, who indicated the need and importance of having a school in the County emphasizing on math, science and technology education.

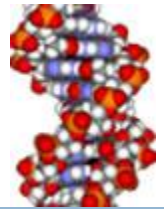
- **Senator Kay R. Hagan**, Guilford County (District 27)
- **Senator Philip E. Berger**, Guilford County (District 26)
- **Representative Laura I. Wiley**, Guilford County (District 61)
- **Keith A. Holliday**, Mayor, City of Greensboro, NC
- **John Faircloth**, Mayor Pro Tem, City of High Point, NC
- **Commissioner Linda O. Shaw**, Guilford County (District 3)
- **Rashid Osmani**, Vice President, RF Micro Devices Inc.



What is unique with TMSA ?

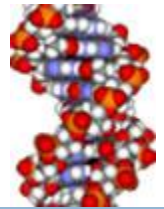
- **Research-based curriculum** that has been **proven** through extensive field studies across the nation that it has **improved student learning** and has been found appropriate for **all student populations** including students who are **at risk of academic failure and academically gifted**.
- TMSA offers **free after-school and weekend tutoring programs** for students especially who are at risk of academic failure and need extra help to pass their classes. TMSA also prepares interested students for regional, statewide, national, and international competitions.
- TMSA faculty utilizes current best practices in their teaching to improve student learning in all areas.

Instructional Program



- Instructional program aligned with **North Carolina Standard Course of Study** as well as with nationally recognized standards such as National Council of Teachers of Mathematics Standards and National Science Education Standards.
- CMP and CPM are identified as “**Exemplary**” math programs by the Department of Education.
- CMP ranked **highest** by The American Association for the Advancement of Science, stating that it contains both in-depth mathematics content and excellent instructional support.
- GWM is identified as one of 10 **promising math programs** by the Department of Education Expert Panel out of 61.
- STC developed by the **National Science Resources Center (NSRC)**, a nonprofit organization jointly operated by the **Smithsonian Institution** and the **National Academy of Sciences, National Academy of Engineering** and **Institute of Medicine**

Instructional Program



- Mathematics
 - Growing with Mathematics (GWM) (K-5)
 - Connected Mathematics Project (CMP) (6-8)
 - College Preparatory Mathematics (CPM) (9-12)
- Science
 - Science and Technology for Children (STC) (K-5)
 - Science and Technology Concepts for Middle School (STC/MS) (6-8)
- Reading
 - Open Court Reading 2002 (OCR 2002) (K-5)
- Technology Enriched High School Education
- Other subjects will follow Guilford County curriculum guidelines

Technology Enriched High School Education

- Strong focus on the use and learning of information technology systems such as
 - ▣ Computers and networking systems
 - ▣ Internet
 - ▣ Database structures
 - ▣ Artificial intelligence and its applications
- Each high school student will be given a wireless laptop with the latest operating system. Students will learn to use technology to
 - ▣ Communicate
 - ▣ Conduct research
 - ▣ Solve problems
 - ▣ Carry out both group and individual projects

Enrollment Calendar

- TMSA accepts applications for Grades K – 8 for 2009 – 2010 school year
- Deadline for Lottery Applications – Thursday, February 19, 2009 at 4:30 PM
- Lottery Date – Friday, February 20, 2009 at 2:00 PM.
- Enrollment for lottery winners starts – Monday, February 23, 2009
- Enrollment for lottery winners ends – Friday, March 6, 2009
- Invitations from waiting list starts – Monday, March 9, 2009

Siblings / Lottery Exemptions

The following categories of applicants are exempted from the lottery:

- ❑ Siblings of current TMSA students
- ❑ Children of TMSA employees

School Hours

- Drop off
7:30 am – 8:10 am
- Classes
8:15 am to 3:10 pm
- After school club/tutoring (free)
3:25 pm – 4:15 pm
- After school care (subject to reasonable charge)
4:30 pm – 6:00 pm

TMSA-Connect

- Grades
- Assignments
- Announcements
- Attendance
- Discipline

The screenshot displays a Moodle course page for 'Social Studies 61' in an Internet Explorer browser. The page is titled 'Social Studies 61' and shows the user is logged in. The main content area is a 'Weekly outline' with a table of dates and activities. The left sidebar contains navigation menus for 'People', 'Activities', 'Search Forums', 'Administration', and 'My courses'. The right sidebar features 'Latest News', 'Upcoming Events', 'Recent Activity', and 'Course updates'.

Weekly outline	Latest News
News forum	(No news has been posted yet)
25 August - 31 August	Upcoming Events
1 September - 7 September	There are no upcoming events
8 September - 14 September	Go to calendar... New Event...
15 September - 21 September	Recent Activity
22 September - 28 September	Activity since Thursday, 15 January 2009, 09:11 AM Full report of recent activity...
29 September - 5 October	Course updates:
6 October - 12 October	Added Assignment: Unit 2 Test
13 October - 19 October	Added Assignment: p. 122 (6)
20 October - 26 October	Added Assignment: p. 128 (4)
27 October - 2 November	Added Assignment: South America Game
Unit 2 Test	Added Assignment: p. 141 (2)
3 November - 9 November	Added Assignment: Note-taking activity
p. 122 (6)	Added Assignment: South America's People worksheet
10 November - 16 November	Added Assignment: p. 150 (2, 4, 6)
p. 128 (4)	
17 November - 23 November	
South America Game	
p. 141 (2)	
Note-taking activity	
24 November - 30 November	
South America's People worksheet	
p. 150 (2, 4, 6)	

After-School Clubs

- **Puzzle**
- **Gymnastics**
- **Creative Writing/Poetry**
- **Math Olympiad**
- **Recycling**
- **Chorus**
- **Tech Fair/ Computer**
- **Creative Arts**
- **Science Olympiad**
- **Fitness Walking**
- **Library's Helpers**
- **Foosball**
- **Athletic**
- **On a Quest**
- **Cheerleading**
- **Book**
- **Turkish Folk Dance**
- **Story Time**
- **Chess**
- **Turkish**
- **Lego League**
- **Drama**
- **Roots and Shoots**
- **Girls' Running**

Academic Teams

TMSA academic teams that compete in regional, state, and national competitions.

- Science Olympiad Team
- Math Olympiad Team
- Turkish Olympiad Team
- Science Fair Team
- First Lego League Team
- Chess Team
- Spelling Bee
- More to come...

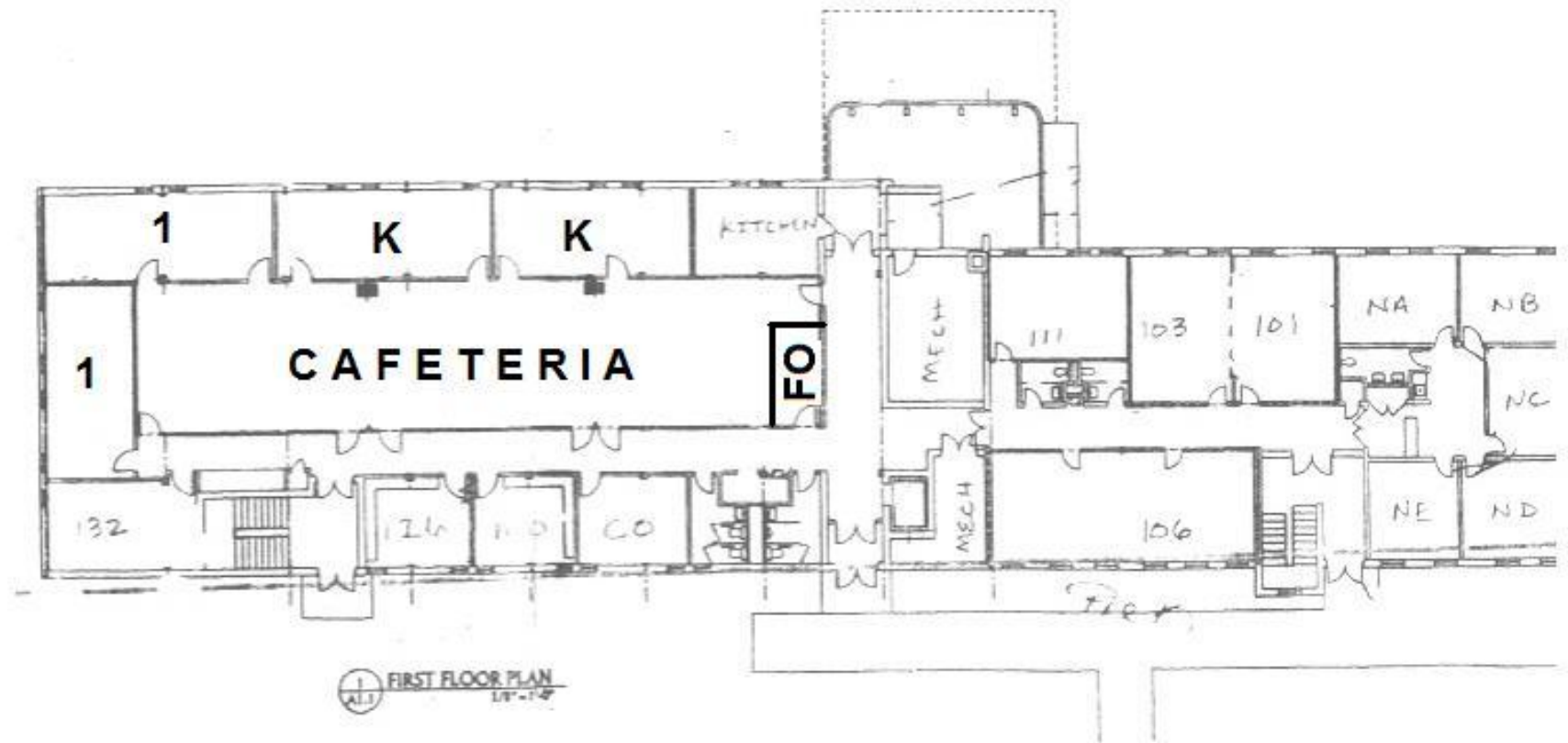
Initial Success Stories

- Math Team currently 1st Place in Continental Mathematical League Pythagorean Division
- First Lego League Team 7th Place among 39 teams in robot run section of FLL Rookie Challenge
- Best New School Award in Math Counts
- More to come...

FACTS AND NUMBERS

- 1st year
- Affiliation with Greensboro College
- 223 students enrolled in Grades K - 6
- Maximum Class size is 20
- Teacher Student Ratio is 1:16
- Hot Lunch is available (\$3.00 per day)

Floor Plan (First Floor)

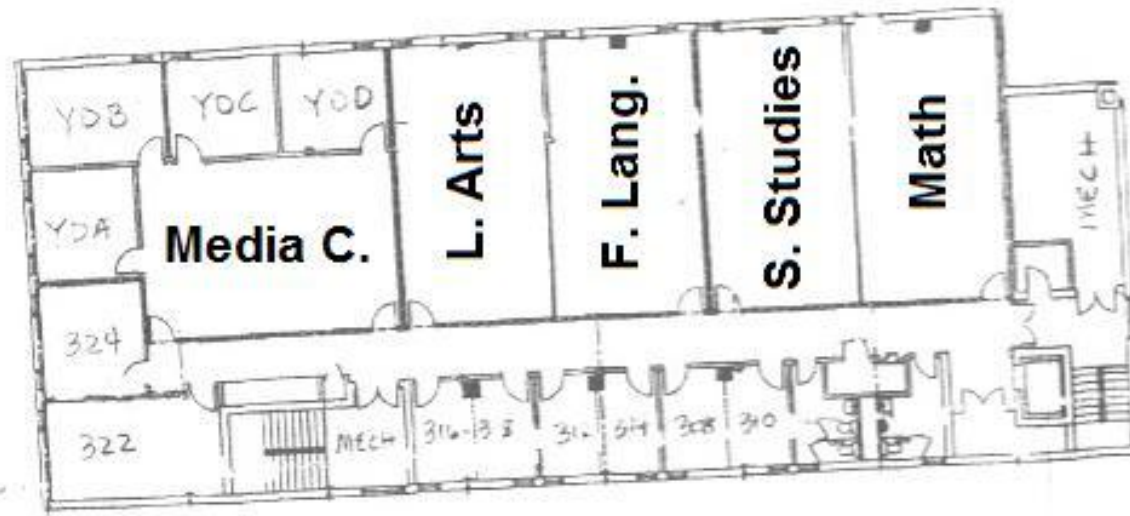


Floor Plan (Second Floor)



1 SECOND FLOOR PLAN
1/8"=1'-0"

Floor Plan (Third Floor)



THIRD FLOOR PLAN
1/F-10

THANKS...

www.tmsacharter.org

You may contact us if you have any questions.

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Principal: Hakan Orak

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