

Math Academy

ARE YOU READY TO BE A MATHLETE???

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The Millikan Math Academy is a rigorous program designed for students who excel in mathematics and wish to advance their content understanding and or knowledge. Games, projects, and problem solving through cooperative and independent “PROBLEM OF THE WEEK” SITUATIONS WILL BE USED. These “POW’s” will enrich conceptual understanding of the standards and logical reasoning.

PRE REQUISITES:

INCOMING 6TH GRADE (limited to 40 students)

- ❖ Pre-Algebra placement exam (score int the top 40 of students who take the test)
- ❖ Letter of recommendation on work habits and cooperation from 5th grade teacher.
- ❖ Score of 3 or 4 on most current report card
- ❖ Other Characteristics: ability to work in group settings, leadership potential, verbally articulate

INCOMING 7TH GRADE (limited to 40 students)

- ❖ Algebra readiness exam
- ❖ Letter of recommendation from 6th grade teacher on work habits and cooperation for new students
- ❖ Academy continuation notice for continuing students.
- ❖ Other characteristics: ability to work in group settings, leadership potential, verbally articulate.

All Academy courses will be scheduled during 2nd period and homeroom with no passing period. Students **WILL, BE ABLE TO TAKE AN ELECTIVE.** (YEAH!)

COURSES:

6TH Grade

PRE ALGEBRA – Students will become adept at manipulating numbers and equations and will understand general principles at work. Students will gain a deeper understanding of rational numbers, will know and use the different representations of rational numbers, will be able to change from on representation to another proficiently and will compute interest and percents of increase and decrease readily. They will increase their understanding of ratio and proportion and apply this knowledge to topics of basic three dimensional figures, as well at understand the idea of slope and it’s relation to ratio (LAUSD MIG). Course is designed to prepare students for Algebra 1AB in 7th Grade. Text: McDougal Little Course 2

7th Grade

ALGEBRA: Students will develop symbolic reasoning and calculations with symbols central to Algebra. Through the study of Algebra, students develop and understand the symbolic language of the mathematics and the sciences. In addition, Algebraic skills and concepts are developed and used in a wide variety of problem solving situations (LAUSD MIG). Successful completion of the course with an A or B will result in highschool Algebra credit and students placement in high school level Geometry in 8th grade.

Millikan math Academy Students are leaders. They will be expected to complete 10 hours of volunteer peer tutoring per semester. This will take place after school.

Be a MATHLETE and become a part of a winning equation here at Millikan Middle School!

Placement exam will take place on **May 6th, 2010** at **3:30pm** in **Room 60.**

Application can be downlowaded at:

<http://teacherweb.com/CA/MillikanMiddleSchool/yamasaki/photo4.aspx>

For further information email Ms. Yamasaki at: mcarso1@lausd.net

Math Academy Application

Millikan Middle School
5041 Sunnyslope Ave. Sherman Oaks, CA 91423
Phone (818) 528-1600 Fax: (818) 990-7651

The Millikan Math Academy is a rigorous program designed for students who excel in mathematics and wish to advance their content understanding and or knowledge. Students must have an "A" or "B" in math in order to be considered.

PLEASE TYPE or PRINT CLEARLY

Applying for:

6TH Grade Math Academy

7th Grade Math Academy

Other Academies _____
(List all and # by preference)

Parents Email: _____

Student: _____

Parent/Guardian: _____

Street Address: _____

City, Zip: _____

Daytime Telephone: (____) _____

Alternate Telephone: (____) _____

Current School of Attendance: _____

2nd Reporting 2010 Semester Academic Marks:

Math: _____ English: _____

Science: _____ Social Studies: _____

*Please attach a copy of your child's report card and a copy of his/her standardized test results i.e. CSTs, ERBs, CAT-6. Submit this application along with supporting documents **before the 6th grade Math Academy entrance assessment on May 6, 2010, 3:30pm in room 60 or June 1st for 7th grade applicants.** Please make sure to include the following when submitting application:

Completed Application

Copy of 2nd reporting period for 5th grade Report Card

Confidential Math Teacher Rating Form Sealed in Envelope & signed on the back by teacher

For Questions contact: Ms. Yamasaki at mcarso1@lausd.net

Student:

Write a brief statement telling us about yourself. (Limit to 50 Words)

Student:

Please PRINT a brief statement explaining why you aspire to join the Math Academy.(Limit to 50 Words)

Parent/Guardian:

Please PRINT a brief statement explaining how you will support your child in the Math Academy.

Math Teacher Recommendation

Student Name _____

Teacher Name _____ School _____

Contact Phone Number _____ Email _____

1) No opportunity to observe 2) Seldom/Never 3) Occasionally 4) Frequently 5) Consistently	1	2	3	4	5
Strong powers of reasoning, ability to make comparisons and generalization, and ability to see cause-and effect relationships.					
Ability to concentrate, to become totally submerged and absorbed in an assignment, project, or activity.					
Approaches tasks in different, unusual, and original ways, shows originality					
Thinks of and asks questions which involve logical-thinking process.					
Displays keen powers of perception and observation that can frequently detect fallacies and inconsistencies.					
Participates and gets involved in discussion.					
Uses expressive speech and extensive vocabulary.					
Shows interest in how things work and why; questions.					
Enjoys intelligent risk taking behavior.					
Displays inner conflicts about academic achievement.					
Ability to sit still and focus during explanations,					
Enjoys group activities and problem solving.					
Relates well to peers and is respected by them in groups.					
Is seen as a leader.					
Learns through intrinsic motivation.					
Demonstrates high level of social skills and leadership qualities. Enjoys competition but also works in cooperation with others.					
Mastery of math facts. (add, subtract, multiply, divide)					
Mastery of fractions operations.					
Mastery of decimal operations.					
Mastery of percent concepts.					
Work Habits: Homework is done daily, and all in class assignments are complete.					
Cooperation: Able to follow directions independently or with minimal assistance from teacher.					
Able to focus on multiple step problems					
7th Grade Only:					
Able to combine like terms.					
Mastery of simplifying fractions with variables and signed exponents.					
Mastery of two step & multi-step equations.					
Able to utilize distributive property.					

Comments:

Teacher Signature _____ Date: _____

Please seal in school stationary envelope, sign on the seal and give to student to submit with application.