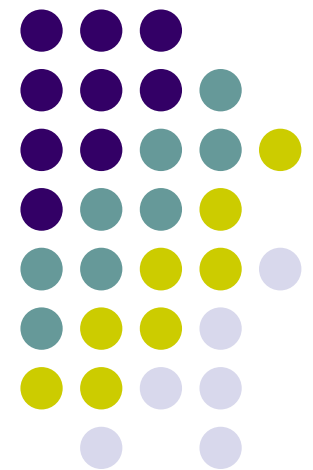


Millennial Tech Middle School

Helen V. Griffith, Principal



*Home of the Future Scientific
Innovators...*



Team MTM

Teachers

Ms. Alexander	Mr. Ashworth	Ms. Bogan	Ms. Bowen
Mr. Brantley	Ms. Dunham	Ms. Knight*	Mr. Potter (Mag Res)
Ms. McIntosh	Ms. Robinson	Mr. Sand	Ms. Vega-Martin
Ms. Vu	Ms. West	Ms. Williams	<i>12 Fte 1.5 Spt</i>

Vice Principal

Ms. Neil

Head Counselor

Mr. Elie

I-Brarian

Ms. Hinanon

Office & Support Staff

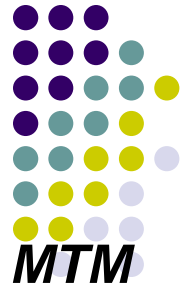
Ms. Chapman	Ms. Deucour	Mr. Hamilton	Nurse Mary Ann
Ms. Martinez	Ms. Nguyen	Ms. Price	Ms. Rose
Ms. Stadler	Ms. Torres	Ms. Latham	Mr. Sterling



Calendar & Bell Times

- Traditional 10-month Calendar
 - First day of school - September 2, 2008
- Bell times – 6 Period Day
 - 8:55-4:05 M-T-TH
 - 8:55-12:55 Wednesday - Early Release for Professional Learning Time
 - 8:55 -4:05 F with a Zero Period for Advisory
 - Homework Lunch Club Daily

Dressing for MTM Success



Monday-Thursday students may wear their choice of:

MTM Polo Shirt

MTM pants, shorts, or skirt

MTM outerwear: sweater, hooded sweatshirt, or track jacket

Footwear: close-toed shoes

Physical Education:

P.E. uniforms must be worn in P.E. only

Friday Presentation Day:

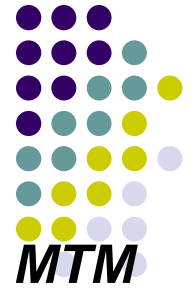
Oxford shirt with MTM tie (boys and girls)

MTM pants (boys) and skirts (girls)

Sweater or Sweater vest in cooler weather-optional

MTM blazer –optional

Black, or white knee-high socks or tights (girls-with skirts)



Daily Schedule & Pathways 08-09

- **6 Period Day**

- English (6th grade 2 period block)
- Science
- Mathematics Social Studies
- Physical Education

- **Electives & Pathway Courses**

- Gateway to Technology (Pre-Engineering) 6th & 7th
- ASB and E-Journalism

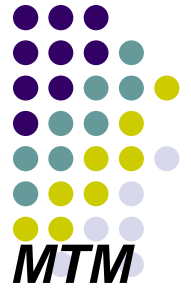
- **Advanced Math Sections**

- **Enhanced Science Curriculum**



Proposed Schedule 09-10

- **4 Period Day + Advisory**
 - 81-minute periods
 - A / B alternating Block
 - English Language Arts period every day
 - 2 Mathematics periods for students below proficiency
 - Advanced Science Offering
 - Additional Elective choices
 - Advanced Mathematics offerings
 - AVID Elective for credit (5 days/week, 50 minutes)
- **Wednesday Early Release**
 - Professional Learning Time for all staff
 - Common Preps for Interdisciplinary Planning and Collaboration



New Course Offerings 09-10

- Conservation Science – Prerequisite for AP Environmental Science
- Introduction to Digital Music – producing music through the use of technology and performance
- E-Teams – training students as network and media technicians to manage our campus technology

Friday Advisory



- Each Friday students have a 30-minute Zero period.
- This year's Advisory focuses on AVID strategies through WICR², organization, test taking strategies, and building a culture of respect, kindness, and leadership.



Advisory Focus 2009-10

- The AVID elective course meeting 5 days per week for 50 minutes
- Building a College-going culture with virtual exploration, college tours, and course planning (7 year planning)
- Developing the MTM culture for high academic rigor and relevance.
- Establishing The MTM Way of Respect, organization, teamwork, citizenship and community service.
- Students will become problem-solvers, critical thinkers, well rounded communicators, decision-maker, positive peer relationships, goal setters and citizens who celebrate and appreciate diversity.
- Students will become experts in learning to use the tools of the digital age to expand knowledge.



SAN DIEGO STATE
UNIVERSITY
Minds that move the world



Student Planners



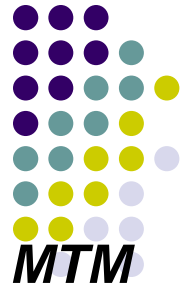
2008-09

- Students use the MTM planner to record daily assignments, study reminders and planners served as a home partnering tool.

2009-10

- Students will move to a digital planner such as i-Cal or Google planner to organize and develop strong study habits.



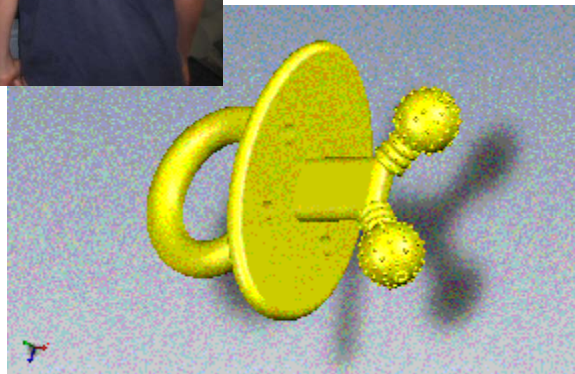


Friday Presentation Day

- Each Friday, students Dress for Success.
- Students will get Photo Opps to present projects to classmates. While practicing, presentations and public-speaking skills, students just may be seen on the Millennial Webwork.
- On a monthly basis, assemblies and events will be held to motivate students to pursue excellence.



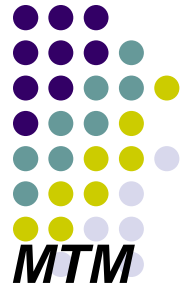
Publishing Student Work



- Students will be engaged through rigorous, project-based learning, aligned with state standards applying real world skills.
- Student work will be published through Pod-casting, MTM website, MOODLE, Digital Portfolios, and projects prototyping using the using 3D prototyping technology.

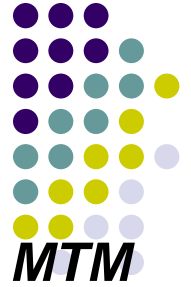
This student invented “teethifier” was developed first on a computer and then printed into an actual 3D prototype for size and proportion quality control.

MTM Instructional Program



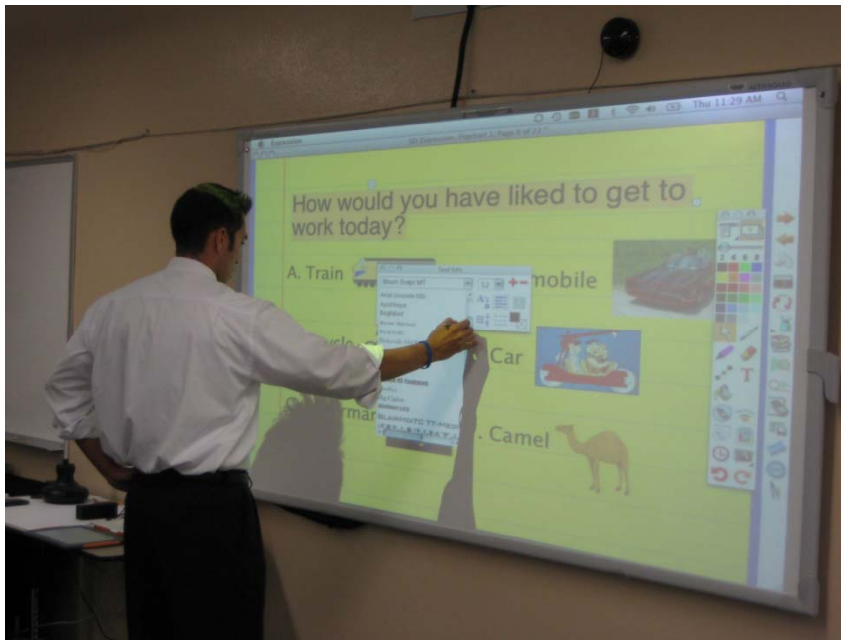
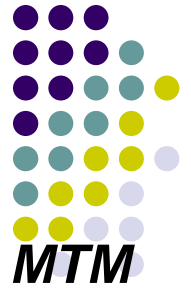
- Creates a classroom environment for students who love science, technology, engineering and mathematics
- Students will learn by doing through hands-on projects, asking questions and making connections to the real world.
- Teachers will teach students using a variety of methods that will reach all students

Digital Instructional Environment



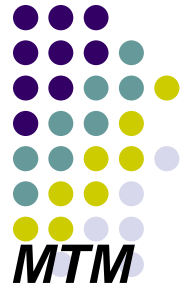
- One-2-One Pilot Program
 - In April 2009, students will have access to personal laptops, for the opportunity to use the learning environment beyond pencil and paper.

Digital Environment



- Teachers have access to cutting-edge technology to help captivate all learners.
- Promethean ActiveBoards will be used to engage students in interactive lessons and for informal student assessment.

Project Lead the Way Gateway to Technology Elective



The Gateway To Technology middle school program consists of a series of five independent instructional units which include:

- **Design and Modeling**: An introduction into the design process where students use measurement and descriptive geometry, learn sketching techniques, as well as create models and document ways to solve problems.
- **The Magic of Electrons**: Students learn through hands-on activities and projects about the science of electricity, circuit design, sensing devices, and the movement of atoms.



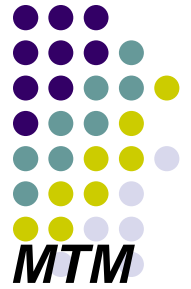
Project Lead the Way Gateway to Technology Elective



- **The Science of Technology:** This unit seeks to investigate how science has affected technology throughout history including the mechanics of motion, the conversion of energy and the use of science to improve communication.
- **Automation and Robotics:** Students learn about the history and development of automation and robotics. This unit covers computer control systems, machine automation, energy transfer, and structures.
- **Biotechnical Engineering:** PLTW pre-engineering curriculum which applies and concurrently develops secondary level knowledge and skills in biology, physics, technology, and mathematics.



Business & Industry Partners



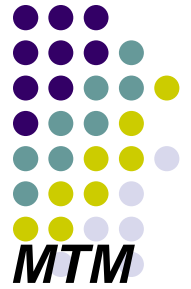
- [Groundwork Chollas Creek San Diego](#) – Creating the MTM Earth Lab for No Child Left Inside Science Exploration
- [MESA Mathematics, Engineering & Science Achievement](#) with San Diego State University
 - College Exploration, Competitions, Field Trips, STEM activities
- [Raytheon Systems](#) – Mathematics Club and Online Mathematics Games to accelerate
- [Scripps Institute](#) – Professional Development for Science Teachers, guest speakers, and student preparation for Paid High School Scientific Internships
- [SPAWAR](#) - Science Field Trips for Girls, Science EXPO on site, and guest speakers
- [United States Naval Academy](#) – STEM activities and camp at the Naval Academy

MTM Instructional Program Diagnostic Assessments



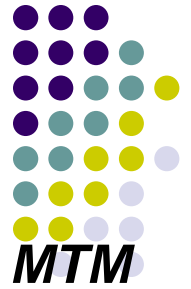
- Throughout the academic year, students will participate in a series of assessments to determine their performance levels in English and Mathematics.
 - September - the MDTP (Mathematics Diagnostic Testing Project) to test for Algebra readiness.
 - September & May - The Gates-MacGinity to determine their performance in English Language skill development; and
 - October thru May - District Benchmarks in Mathematics and English Language Arts to assess proficiency levels, inform proficiency levels and direct targeted interventions.

Academic Supports and Continuous Monitoring



- Access to Rigorous curriculum
- Engaging, standards-based, project-based
- Technology to enhance teaching & learning
- Online access to curriculum
- AVID and EL Push-in tutors & EL Support Teacher
- Lunchtime Homework Clubs (General & Science)
- Extended Day Classes (Mathematics & ELA)
- Afterschool Mathematics Tutorial
- 4 hour Saturday Academy
- **Extensive, On-going Professional Development for Teachers**

MTM Instructional Program Student Performance Data



Grade 6		English Language Arts		Grade 6		Mathematics	
Benchmark	MTM	District	Benchmark	MTM	District		
1	61.9 52 (P/A)	62.5 50	1	49.4 38	49.3 41		
2	63.3 51	60.1 48	2	65.7 56	57.0 37		

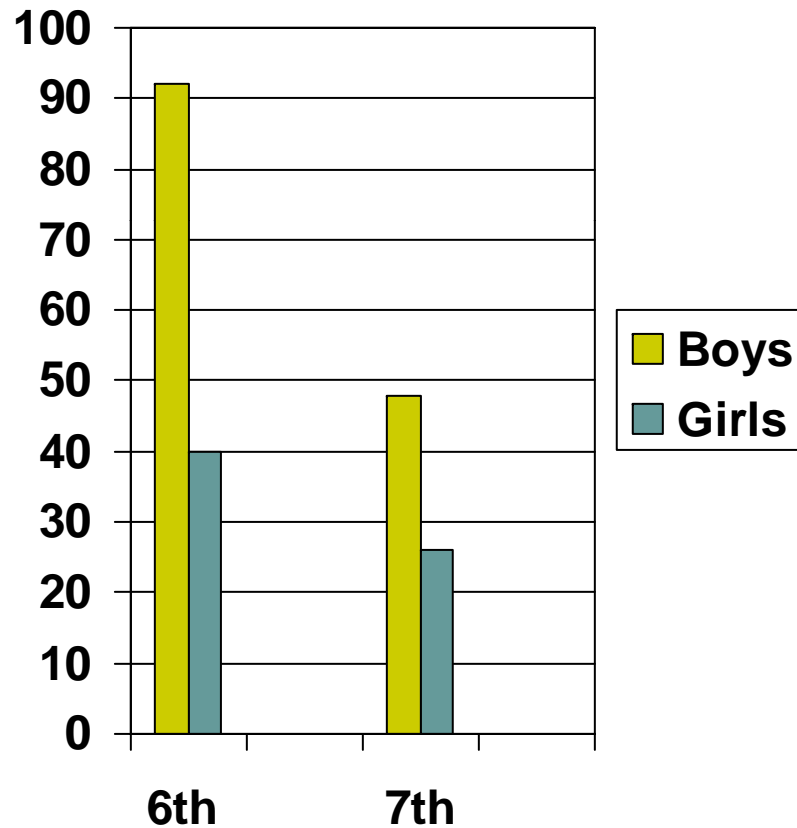
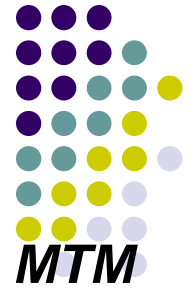
MTM Instructional Program Student Performance Data



Grade 7 English Language Arts		Grade 7 Mathematics Pre-Algebra			
Benchmark	MTM	District	Benchmark	MTM	District
1	57.6 29	66.2 49	1	42.0 11	52.0 33
2	60.3 47	62.0 51	2	46.1 20	53.7 33

MTM Demographics

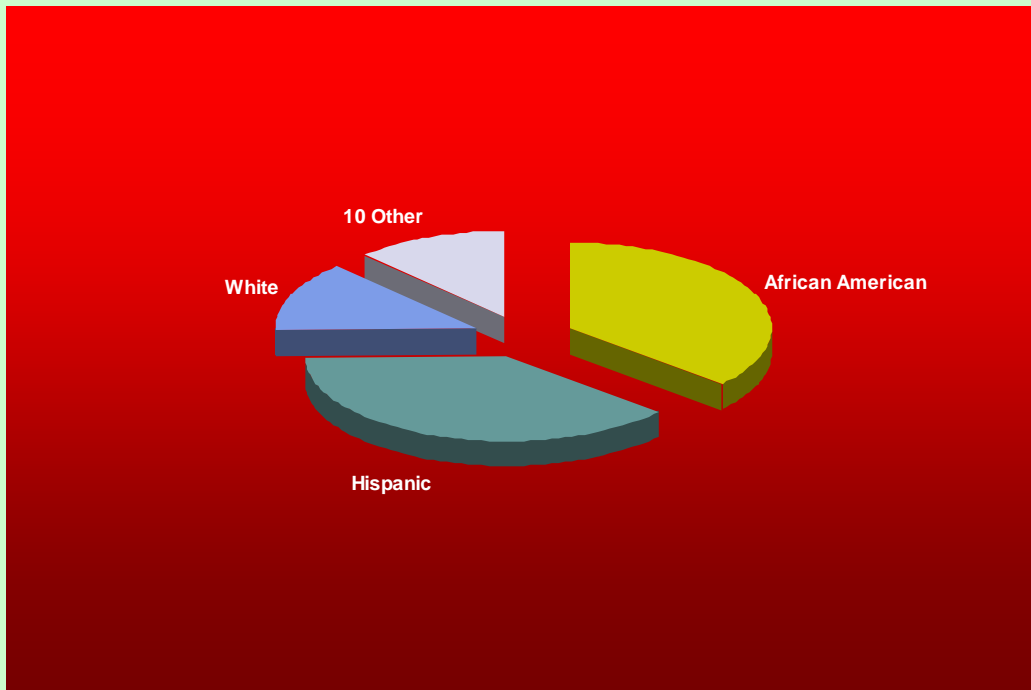
Enrollment by Gender



	6 th	7 th	Total	%
Boys	93	49	142	61%
Girls	56	32	88	39%
Total Enrolled	149	81	230	

MTM Demographics

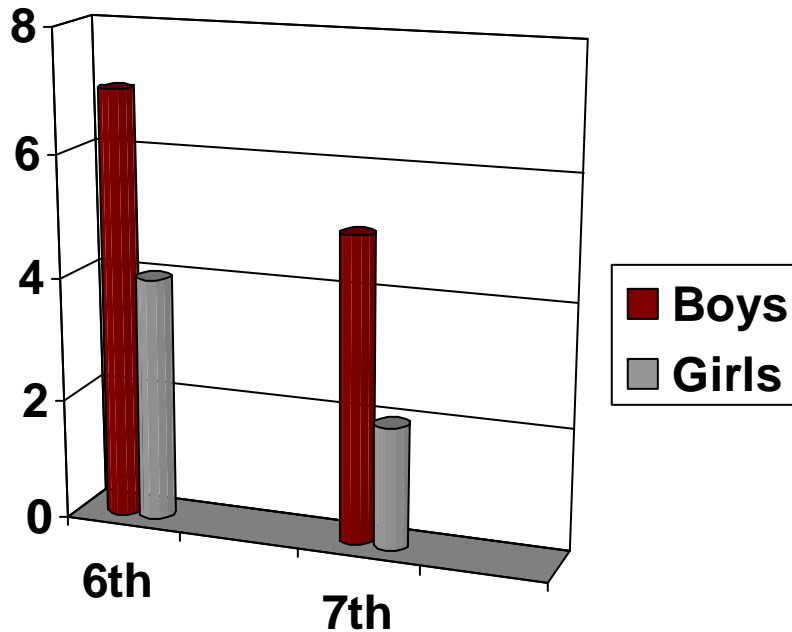
13 Ethnicities



Hispanic	38%
African American	36%
White	13%
10 Other	12%

MTM Demographics

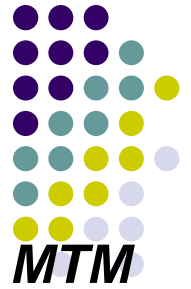
Special Education



Special Education	6 th	7 th	Total	%
Boys	11	5	16	.07%
Girls	1	1	2	.009%
Total Serviced	12	6	18	.08%

MTM Demographics

Enrollment by English Learners

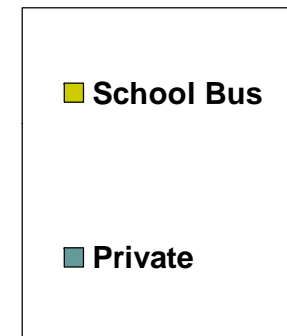
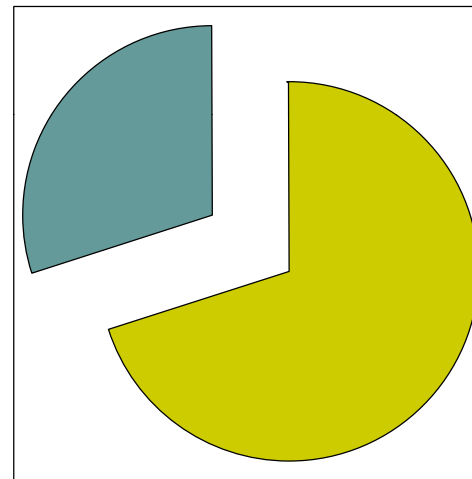


	6 th	7 th	Total	%
Beginning			0	
Early Intermediate	4	2	6	.03%
Intermediate	11	7	18	.08%
Early Advanced	3	1	4	.02%
Advanced		2	2	.009%
Total	18	12	30	13%



Transportation

- Enrollment 230
 - School Bussing
 - 190 students
 - 10 busses
 - Private Transportation
 - 40 students
- 70 Elementary Schools
- 18 Zip Codes



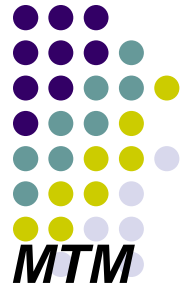
91913 91932 91942 91945 91950
91977 92101 92113 92114 92115
92116 92117 92118 92115 92105



Culture Building for Success

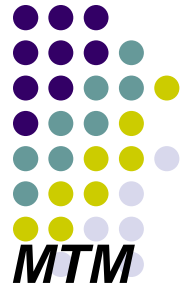
- Educating the whole child
- Creating a culture of RESPECT, Kindness and Leadership
- High Expectations for Success by all
- ASB to promote school spirit and leadership
- Classroom contests and rewards
- Culture Clubs
 - Motivation, Student Voice, Extracurricular Supports and Character Education

Culture Building for Success



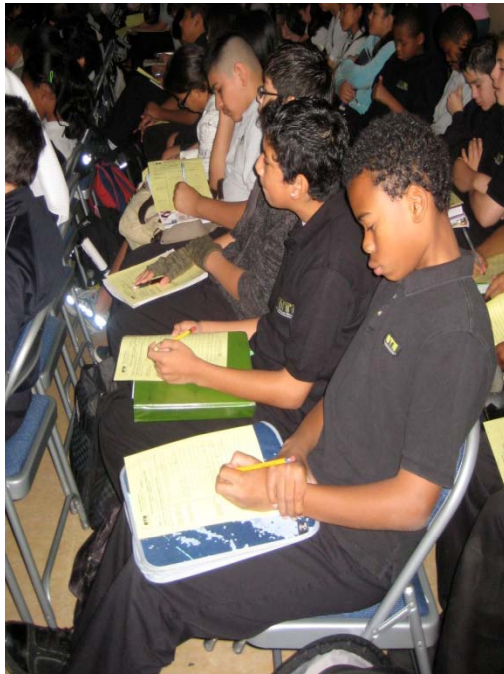
- Honor Roll Assemblies
- Motivational Assemblies
- Scientific Socials for Academic Achievement
- Free Dress Day for Academic Achievement
- Parent-Student Thanksgiving Luncheon
- Reward Field Trips around STEM
 - High Tech Fair, Science Festival, Science Theatre and Museums, USS Midway

Site Governance and Decision Making



- Instructional Leadership Team
 - Consensus model - all Faculty are members. Meetings are held during our early release day
- School Site Council
 - High School Model with Teachers, Parents and Students
- Parent-Teacher-Student Organization
 - Currently In the developmental stage

Watch us grow as we...



Create the Future
Scientific Innovators...