



2005-2006 Annual Report



Vision:

To be a model of education that anticipates needs and prepares students for excellence

Mission:

A community created and operated school that provides high expectations for all students.

Math and Science Academy

A Minnesota Charter School

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Woodbury, Minnesota 55125
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2005-2006 ANNUAL REPORT

**Submitted to:
Minnesota Department of Education
1500 Highway 36 West
Roseville, Minnesota 55113-4266**

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Student Background and Demographics

As a general demographic description, students at the Math and Science Academy (MSA) are comparable to the students who make-up the surrounding South Washington County community. Listed below, and on the next page is the 2005-2006 reported demographic information for 310 MSA students with respect to race, sex, special education, limited English proficiency, and free/reduced lunch.

Race	Student Count	Student Percentage
American Indian/Alaskan Native	0	0.0
Asian Pacific Islander	15	4.8
Black, Non-Hispanic	2	0.6
Hispanic	1	.3
White, Non-Hispanic	292	94.2

Sex	Student Count	Student Percentage
Female	130	41.9
Male	180	58.1

FARMS	Student Count	Student Percentage
Eligible for F/RP Meals	1	.3
Not Eligible for F/RP Meals	309	99.67

LEP	Student Count	Student Percentage
Limited English Proficient	0	0
Non-LEP	310	100

Special Ed	Student Count	Student Percentage
Regular Education	283	91.3
Special Education	27	8.7

Student Participation

For the 2004-2005 school year, MSA had a superior attendance rate, a steady mobility rate, and an exceptional graduation rate. See the table below.

	Student Count (ADM)	Student Percentage
Attendance Rate	299.21	96.4

	Student Count	Student Percentage
Graduation Rate	16	100

	Summer 2005	2005-2006 School Year
Mobility	Added: 63 new 6th grade students	Added: No new 7th through 11th grade students
	Transferred: 27 students 7th through 11th grade	Graduated 16 - 12th grade students

Teaching Staff Information

Name	Subject Area	File Folder Number
Stacy Ann Bartlett	7-12 Life Sciences 5-8 Science	361292
Margaret Catherine Burggraaff	7-12 English/Language Arts	376388
Anna Joy Erickson	5-12 Social Studies –All	424070
Norma Patricia Haynes-Guerra	1-6 Elementary Education K-12 Physically Handicapped K-12 Spanish	306086
Cheryl Ann Howe	K-6 Elementary Education 5-8 Science	415900
Eric Peter Kaluza	K-12 Health Education K-12 Physical Education	406698
Marilynn T. Kaplan	K-12 EBD K-12 LD K-12 Physical Education	162537
Lucretia Louise Keeler	K-12 Visual Arts	408556
Joshua Michael Minsley	7-12 Theater Arts 7-12 Mathematics	376165
Melissa Alyce Molin	7-12 English/Language Arts	374615
Gary Bruce Monroe	7-12 Social Studies –All-	184715
Susan Mooney Vare	7-12 Social Studies	389698
Steven Lee Pullar	7-12 Physical Science	374091
Michelle Nicole Richards	7-12 English/Language Arts	403184
Darrel Lee Schoeberlein	7-12 Social Studies	403770
Tate Schoeberlein	EBD/LD	999060
Jerry Clark Shelton	K-12 Music	264285
Paul Joseph Simone	7-12 Social Studies District Professional Administrative K-12 Principal	324604
Maria Pilar Sustic	7-12 Spanish K-12 Visual Arts	371987
Kenneth James Thielman	7-12 Mathematics 5-8 Mathematics	382640
Bronwen Kendrick Williams	7-12 Mathematics	398286

Administrative and Support Staff Information

Paul Joseph Simone	Director District Professional Administrative	324604
Pat Esparza	Office Manager	
Julia Douglas	Business manager	
Joyce Lawrence	Office Assisatant	
Jeanne Brino	Financial Coordinator	
Cody Serk	Special Education Assistant K-6 Elementary Education 5-8 Mathematics	410740

Additional Teaching Staff Information

For the 2005-2006 school year, MSA added a part time (.5FTE) 7-12 social studies teacher, Gary Bruce Monroe; an additional full time (1.0FTE) social studies teacher, Anna Erickson who took the place of a teacher on unpaid educational leave; and hired a full-time special education paraprofessional, Cody Serk; as well as a part time office assistant, Joyce Lawrence. As a result, MSA had no unmet staffing needs.

Governance

MSA is governed by a board of directors (BOD) that is comprised of four parents, five teachers, one non-voting student representative, and the director as an ex-officio member. According to MSA by-laws, an election is held each year in November (the actual date to be set by the BOD on the recommendation of the BOD election committee) when, on a staggered basis, approximately half of the board is up for election with newly elected members being seated at the first meeting in January of the following year. MSA board meetings are held on the first Thursday of each month. There are eight standing committees (viz. budget, building maintenance, enrollment, personnel, technology, parent team, policy, and new for this year, fundraising) that meet either the second or third Thursday of the month. The MSA BOD routinely conducts workshops to address the larger issues, and thereby gives the community a chance to participate on such issues. The 2005-2006 board members are listed below.

Name	Position and Term Expiration	Group Representation
Bhaskar Velamakanni (651) 736-7950 (work) bhaskarv@msn.com	Board Member – 12/31/05	Parents
Patricia Guerra (651) 353-2308 pguerra@mnmsa.org	Board Member – 12/31/05	Teachers
Carrie Bartz (651) 296-9323 (work) cbartz12@comcast.net	Board Secretary – 12/31/05	Parents

Joshua Minsley (651) 353-2305 jminsley@mnmsa.org	Board Vice Chair – 12/31/05	Teachers
Alan Moorhead (651) 361-4287 (work) Alan.Moorhead@assurant.com	Board Chair – 12/31/06	Parents
Laura Hutt (651) 295-1056 lhutt@comcast.net	Board Member – 12/31/06	Parents
Bronwen Williams (651) 353-2309 bwilliams@mnmsa.org	Board Member – 12/31/06	Teachers
Eric Kaluza (651) 208-8859 ekaluza@mnmsa.org	Board Member – 12/31/06	Teachers
Michelle Richards (651) 353-2306 mrichards@mnmsa.org	Board Member – 12/31/06	Teachers
John Foster (651) 634-3214 jfoster@restoremedical.com	Board Treasurer – 12/31/07	Parents
Alice Lee (651) 687-7587 alice.lee@thomson.com	Board Member – 12/31/07	Parents
Lucretia Keeler (651) 353-2303 lkeeler@mnmsa.org	Board Vice Chair -12/31/07	Teachers
Jerry Shelton (651) 208-8754 jshelton@mnmsa.org	Board Member – 12/31/07	Teachers
Grace Ezzell MSA Student	Board Member – 6/5/06	Students
Paul Simone (651) 353-2317 psimone@mnmsa.org	Ex-Officio Member	School District

Program Success

The Math and Science Academy (MSA) opened its doors in the fall of the 1999 school year and has placed tremendous value on a design that is curriculum based, standards driven, and collaboratively run. The curriculum places emphasis in the areas of math and science with a balance of humanities. The agreed upon standard requires that students achieve at least, if not far beyond, current state mandates and testing criteria.

In order to graduate, every student at MSA is required to complete a math program through calculus and a high school science program that includes biology, chemistry, and physics. In addition, all students at MSA are required to take social studies and English every year, Spanish through the 11th grade, and one year of high school fine arts. Thus far, after five graduating classes, only three seniors have failed to graduate on time. Indeed, while the state of Minnesota

led the nation in ACT scores the last two years with an average composite of 22.3, MSA composite ACT scores have over the past two years been 27.4 and 28.4.

Not only does MSA stress such core curriculum areas as math, science, English, social studies, and world language, but also boasts a music program that participates in the Twin Cities “J-Train” program and has a full time music instructor that expanded the program to include choir and a string orchestra. Finally, MSA curriculum and standards include a full time health program and a full time physical education program in cooperation with the Southeast Area YMCA.

After the regular school day, MSA students can further enhance their educational experience by participating in after school extracurricular activities, including a MSHL level cross country team, club level recreational sports such as boys and girls basketball, academic teams, theater, orchestra and jazz band, National Honor Society, Student Council, Academic Triathlon, Lego league robotics, as well as other various school-sponsored social events.

Program Problems

Once again an issue for MSA (not unlike many charter schools) is the lack of traditional public school interest in entering into cooperative agreements with respect to Minnesota High School League activities. MSA has worked through and with the Minnesota Association of Charter Schools (MACS) and the state legislature in an attempt to gain a compromise resolution but once again failed in the 2004-2005 school year. For the 2005-2006 school year, MSA will continue to lobby the state legislature and the Minnesota State High School League to find an equitable solution to this dilemma. MSA will also attempt to work directly with the surrounding districts to secure cooperative extracurricular agreements.

Another issue, which is more unique to our program specifically, is that of expansion and lack of expansion funding in particular. MSA has researched and pursued an expansion agenda for the past two years. The result of this effort has been the realization that there is no funding source for a successful, suburban math and science program. In other words, there is start-up funding for new programs, funding for the demographically defined disadvantaged, and funding for large traditional programs, but no funding for small successful programs such as ours.

Accountability Data

In order to ensure that academic progress is being made, MSA students are required to take all state mandated standardized tests throughout the year. This testing includes the Basic Standard Skills Tests in 8th and 10th grade, for those who have yet to pass, and the newly established MCA II exams in 6th, 7th, 8th, 9th, 10th and 11th grade. In addition, MSA administers the PSAT to all students in grades 9 through 11 for the last four years has had at least one student competing as national merit semifinalist. In 2004-2005 MSA was granted permission by the Minnesota Department of Education (MDE) to use the PSAT results as its new independent benchmark for progress. In other words, each year MSA students in grades 9 through 11 are given the PSAT in the fall, and when the test results are reported in December, scores are compared to previous years, as well as to all juniors and sophomores nation-wide. This was our second year the PSAT

will be used as a benchmark for reading, writing and math, and these are the scores that all subsequent years will continued to be compared.

Without exception, each year since MSA opened in fall of 1999, we have outperformed not only the mandated testing state averages, but also the scores of all the surrounding schools in South Washington County, the Metro are as a whole, and the majority statewide.

The following MCA II Test Data as reported to the Minnesota Department of Education.

Minnesota Comprehensive Assessments Test Scores (MCA II's)

(Total Number of Students)

		Did Not Meet Standard	Partially Meets Standard	Meets the Standard	Exceeded the Standard	Percent Passing
6 th Grade Mathematics	Math & Science Academy	1	9	31	17	82.7%
	*State	N/A	N/A	N/A	N/A	N/A
6 th Grade Reading	Math & Science Academy	0	6	21	31	89.6%
	*State	N/A	N/A	N/A	N/A	N/A
7 th Grade Mathematics	Math & Science Academy	0	9	28	23	85%
	*State	N/A	N/A	N/A	N/A	N/A
7 th Grade Reading	Math & Science Academy	0	3	15	42	95%
	*State	N/A	N/A	N/A	N/A	N/A
8 th Grade Mathematics	Math & Science Academy	2	2	19	23	91.3%
	*State	N/A	N/A	N/A	N/A	N/A
8 th Grade Reading	Math & Science Academy	0	4	14	28	91.3%
	*State	N/A	N/A	N/A	N/A	N/A
**10 th Grade Reading	Math & Science Academy	0	3	10	24	91.9%
	*State	N/A	N/A	N/A	N/A	N/A
11 th Grade Mathematics	Math & Science Academy	0	5	7	16	82.1%
	*State	N/A	N/A	N/A	N/A	N/A

***Minnesota Department of Education data was not posted at the time this report was due.**

****2005 - 10th Grade Basic Standard Writing Test results equal 100% passing.**

PSAT Scores

The PSAT scores, as they are listed below, represent our 9th, 10th, and 11th graders across the areas of reading writing and math compared on a national norm expressed in a percentile.

*PSAT Scores

School Summary	Critical Reading	Math	Writing Skills	Selection Percentile
2005 Grade 11 Average Norm Reference Percentile	75%	68%	70%	73%
2005 Grade 10 Average Norm Reference Percentile	72%	67%	65%	56%
2005 Grade 9 Average Norm Reference Percentile	66%	56%	62%	48%
2004 Grade 11 Average Norm Reference Percentile	76%	70%	71%	75%
2004 Grade 10 Average Norm Reference Percentile	72%	67%	70%	62%
2004 Grade 9 Average Norm Reference Percentile	60%	53%	57%	47%

*Note:

Critical reading, math, and writing skills percentiles differ by grade levels. Performance of juniors and above is compared with that of juniors nationwide; the performance of sophomores and below is compared with that of sophomores nationwide.

Selection index percentile compares performance of all students, regardless of grade level, with that of juniors nationwide.

Academic Goals for 2006-2007 School Year

Based on the MCA II test results for MSA students, the goal will be to maintain superior scores. For the 2006-2007 school year, MSA will continue to administer state mandated MCA II exams, including the new 9th grade writing exam. The goal will be to continue to perform beyond the state averages, as well as the averages posted by the surrounding districts. By year's end, MSA has the goal to maintain its already achieved "5-star" school rating.

In addition, MSA will continue to administer the PSAT to students in grades 9 through 11 as well as begin the administration of the EXPLORE test in 8th grade and the PLAN test in 10th grade. The administration of these exams will be for program/curriculum measurement and program/curriculum evaluation.

Non-Academic Goals for 2006-2007

It has been decided by the staff that the 2006-2007 school year, staff development will take the form of year-long Spanish immersion activities. Guided by the two subject area experts (our two Native Spanish speaking teachers), each staff member will receive group and individual instruction in Spanish with the year end goal being the development of a cross-curricular Spanish lesson in each subject area. That is to say, each MSA teacher will have developed and delivered a Spanish language lesson plan specific to their curriculum area by year's end: viz. science, math, social studies, English, music, phy-ed/health, and art. As in previous years, the final product, will be a lesson plan book containing each lesson to be shared among the entire staff.

Another non-academic goal for MSA will be to continue to increase school-to-home communication. One method will be to continue the "parent orientation" night whereby parents are invited to come to school and experience a school day by attending their student's scheduled classes. Another method to improve school-wide communication will be parent team meetings. The agenda of each parent team meeting in 2006-2007 will be set to encourage parents to come to school and get involved in school activities. For example, in addition to the parent orientation night, which now takes place as part of a parent team meeting, the 2006-2007 meeting topics include, board of director's elections – meet the candidate, college night for all 9th - 12th graders, Post Secondary Education Option (PSEO) night, as well as possible meetings planned for curriculum discussions.

Other School Accountability Measures and Parent Participation

MSA is intended to be a community created and operated school, and as such, has a well-organized parent team. The Parent Team is an official committee of the MSA BOD, and provides a means for parents to meet together and work to support MSA. The Parent Team also provides a forum for parent discussion and can be a mechanism for developing recommendations for the BOD. All parents and guardians of MSA students are automatically members of the Parent Team and are invited to attend meetings on the second Thursday of each month at 7:00 pm.

The Parent Team organizes parent volunteer efforts', provides funding for activities, and supports various student and school activities. However, the Parent Team does not participate in general fundraisers or sales of food or merchandise. Instead, all families are asked to make a contribution to the Parent Team of \$35 if they have one child or \$50 if they have more than one child at MSA. These funds are used mostly for activities that are not provided for by the regular MSA budget. Some activities that have received financial support from the Parent Team in the past include various school clubs and teams, the annual school play, prom, teacher conference dinners, MOL Day, Pi Day, transportation for field trips, school landscaping, all-school

assemblies, and Lego robotics.

2006 - 2007 Parent Team Officers are:

Chairperson: Sandra Tevlin, 651-739-7399

Vice-Chairperson: Billie Holterman-Schniepp, 651-459-5720, billieptvc@hotmail.com

Secretary: Sheila Schroeder, 651-738-3281, sheila_schroeder@yahoo.com

Treasurer: Debbie Johnson, 651-739-6152, Debbiejohnson12@aol.com

Parent Survey

MSA also solicits input from its families by issuing an annual family satisfaction survey. The data generated from this survey indicates that parents are quite pleased with MSA. MSA appeals to families because it is a small school governed by teachers and families. At MSA, parents are empowered to make a difference in their child's education. Parents also like to point out the positive social aspects for their students, in that their students are able to find friendships among others like themselves who value a good education and attend school with the expectation to learn.

*2005-2006 Parent Survey Results

General Data								
What grade level(s) did your student(s) attend? Mark all that apply.	Response Total							
6	58							
7	46							
8	39							
9	30							
10	29							
11	19							
12	8							
Total Respondents	121							
(skipped this question)	0							
How many years has your student(s) attended MSA? Mark all that apply.	Response Total							
1	41							
2	39							
3	27							
4	28							
5	29							
6	10							
Total Respondents	119							
(skipped this question)	2							

Does your student(s) plan to attend MSA next year? Mark 2006/2007 grade level.								
	7	8	9	10	11	12	Graduated	Response Total
Yes	33	29	26	25	24	15	3	114
No	0	0	1	1	3	2	3	8
Not Sure	2	0	0	0	0	0	0	2
Total Respondents	119							
(skipped this question)	2							

School Climate	1	2	3	5	5		
Please respond to the following statements.	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	N/A	Response Average
My student knows how to access a variety of resources (PSEO homework assistance libraries etc.) to help him/her learn.	26	63	10	4	1	7	1.95
Teachers are available and accessible to my student.	35	55	9	6	0	6	1.87
My student is being well prepared to pursue post high school options.	47	43	8	4	0	9	1.7
MSA's curriculum is broad enough to meet the educational needs of my student	32	59	8	6	0	6	1.89
MSA's facilities are clean and well maintained.	23	56	20	5	1	6	2.1
The building has adequate classroom space.	12	28	31	27	6	7	2.88
Students at MSA show respect for each other.	27	60	15	1	0	8	1.9
My student feels safe at MSA.	60	39	6	0	0	6	1.49
Discipline policies are enforced fairly and consistently.	29	46	17	5	0	14	1.98
I feel welcome at MSA.	39	49	12	4	1	6	1.85
Parent/Teacher conferences are beneficial to my student.	17	41	28	9	6	10	2.47
Parent/Teacher conferences inform me of my student's progress.	22	43	19	12	3	12	2.3

I receive timely information about MSA's curriculum policies and school events.	30	49	12	12	2	6	2.11
Teachers always respond promptly to my telephone inquiries.	25	43	16	12	0	15	2.16
Teachers always respond promptly to my email inquiries.	19	36	19	17	5	15	2.51
The website is user friendly and contains current information about MSA.	29	56	13	7	0	6	1.98
Teachers and administrators at MSA demonstrate genuine concern for the well-being of students.	41	54	7	2	1	6	1.74
MSA's policies are fair and effective.	26	52	16	9	2	6	2.13
The Director at MSA demonstrates genuine concern for the well-being of students.	46	45	8	3	0	9	1.69
The views of parents are seriously considered when school policy decisions are made.	18	47	20	6	9	11	2.41
Teachers and administrators at MSA are sensitive to issues of diversity (race gender religion etc).	25	47	25	1	0	13	2.02
Total Respondents	111						
(skipped this question)	10						

Specific Course Data	1	2	3	5	5		
	Very Satisfied	Satisfied	Neutral	Unsatisfied	Very Unsatisfied	N/A	Response Average
Please rate the Math class(es) that your student(s) took during the 2005/2006 School term. Mark all that apply.							
Algebra I	12	18	2	1	0	21	1.76
Algebra II	7	13	3	0	0	18	1.83
Calculus	2	2	1	2	0	30	2.43
Calculus IS	0	0	0	1	1	30	4.5
CMP II	4	8	5	1	0	26	2.17
CMP III	2	1	1	0	0	30	1.75
Geometry	4	11	3	1	0	24	2.05
Pre-Calculus	7	10	0	5	2	24	2.38
PSEO	4	1	0	0	0	28	1.2
Other	1	2	1	0	0	23	2
Total Respondents	92						
(skipped this question)	29						
Please rate the Science class(es) that your student(s) took during the 2005/2006 School term. Pre-chemistry and Pre-physics are listed under May Term. Mark all that apply.							
	Very Satisfied	Satisfied	Neutral	Unsatisfied	Very Unsatisfied	N/A	Response Average
Biology	8	9	2	0	0	22	1.68
Chemistry	1	5	2	0	0	27	2.13
Earth Science	13	16	2	2	0	16	1.79
Honors Chem.	3	8	0	0	1	24	2
Honors Physics	1	4	0	1	1	24	2.57
Life Science	12	15	1	1	0	16	1.69
Physical Sci.	5	9	2	0	0	21	1.81
Physics	1	4	0	0	0	24	1.8
Phy Sci IS	0	0	0	0	0	26	0
Bio. Lab Asst	0	0	1	0	0	25	3
PSEO	1	2	0	0	0	23	1.67
Other	0	2	0	0	0	22	2
Total Respondents	89						
(skipped this question)	32						

Please rate the English class(es) that your student(s) took during the 2005/2006 School term. Expository writing is listed under May Term. Mark all that apply.	Very Satisfied	Satisfied	Neutral	Unsatisfied	Very Unsatisfied	N/A	Response Average
6 English	16	14	0	0	0	12	1.47
7 English	15	12	0	2	0	11	1.62
8 English	14	10	0	0	0	16	1.42
9 English	4	6	3	1	0	19	2.07
American Lit 10	7	8	2	0	1	17	1.89
Poetry - 9	5	3	2	0	0	19	1.7
World Lit 11/12	7	4	0	0	0	20	1.36
PSEO	0	4	0	0	0	19	2
Other	0	1	0	0	0	19	2
Total Respondents	89						
(skipped this question)	32						
Please rate the Social Studies class(es) that your student(s) took during the 2005/2006 School term. Economics is listed under May Term. Mark all that apply.	Very Satisfied	Satisfied	Neutral	Unsatisfied	Very Unsatisfied	N/A	Response Average
6 Social	7	9	1	11	1	12	2.66
7 Geography	8	14	0	3	1	14	2.04
7 Social	3	5	0	1	0	17	1.89
8 Social	6	8	3	4	1	17	2.36
American Hist.	6	4	1	0	0	22	1.55
Government11/12	8	3	2	0	0	19	1.54
World Hist I	6	9	0	1	0	18	1.75
World Hist II	2	3	0	1	0	20	2
PSEO	0	2	0	0	0	20	2
Other	0	1	0	0	0	19	2
Total Respondents	86						
(skipped this question)	35						

Please rate the Spanish class(es) that your student(s) took during the 2005/2006 School term. Mark all that apply.	Very Satisfied	Satisfied	Neutral	Unsatisfied	Very Unsatisfied	N/A	Response Average
6 Spanish (6th grade)	13	10	5	0	0	13	1.71
7 Spanish (7th grade)	14	11	3	1	0	10	1.69
Spanish I (8th grade)	8	12	0	3	0	15	1.91
Spanish II (9th grade)	3	7	3	2	0	17	2.27
Spanish III (10th grade)	5	8	5	0	0	16	2
Spanish IV (11th grade)	3	4	2	2	0	18	2.27
Spanish V (Independent Study)	0	0	0	0	0	20	0
PSEO	0	1	1	0	0	18	2.5
Other	0	0	0	0	0	17	0
Total Respondents (skipped this question)	88						
	33						
Please rate the Art class(es) that your student(s) took during the 2005/2006 School term. Mark all that apply.	Very Satisfied	Satisfied	Neutral	Unsatisfied	Very Unsatisfied	N/A	Response Average
Art 7	11	4	0	0	0	20	1.27
Art 10	8	2	2	0	0	22	1.5
Art 11/12	6	1	0	0	0	21	1.14
PSEO	0	0	0	0	0	22	0
Other	0	0	0	0	0	22	0
Total Respondents (skipped this question)	49						
	72						
Please rate the Music class(es) that your student(s) took during the 2005/2006 School term. Mark all that apply.	Very Satisfied	Satisfied	Neutral	Unsatisfied	Very Unsatisfied	N/A	Response Average
Concert/Beg.	10	8	1	0	0	18	1.53
Wind/Jazz A	13	8	1	0	0	19	1.45
Wind/Jazz B	9	1	0	0	0	16	1.1
World of Music	2	4	4	1	1	16	2.58

Please rate the Other class(es) that your student(s) took during the 2005/2006 School term. May Term classes are listed separately. Mark all that apply.	Very Satisfied	Satisfied	Neutral	Unsatisfied	Very Unsatisfied	N/A	Response Average
	Afterschool IS	1	1	0	0	0	22
Computer Prog.	0	4	2	0	0	22	2.33
Create/Explore	1	2	1	0	1	21	2.6
Independent St.	1	2	1	0	0	22	2
Key/Stu. Sk.	1	14	4	0	0	16	2.16
Total Respondents	46						
(skipped this question)	75						

Please rate the May Term class(es) that your student(s) took during the 2005/2006 School term. Mark all that apply.	1	2	3	5	5	N/A	Response Average
	Very Satisfied	Satisfied	Neutral	Unsatisfied	Very Unsatisfied	N/A	Response Average
Air Flight	1	4	1	0	0	21	2
B/W Photography	4	5	0	0	0	21	1.56
Character Shows	1	0	1	0	0	21	2
Chess	5	12	3	0	1	13	2.05
Clay A	4	1	0	0	0	20	1.2
Clay B	2	1	0	0	0	21	1.33
College/Career	2	5	0	1	0	19	2
Cosmos	0	0	0	1	0	21	4
Disney (gr. 6)	1	3	0	0	0	20	1.75
Evolution Sci A	0	3	0	0	0	21	2
Evolution Sci B	0	1	0	0	0	21	2
Games (8-12)	3	1	0	0	0	20	1.25
Graphic Novels	4	2	0	0	0	17	1.33
Intro Fr Aide	0	0	0	0	0	21	0
Intro to French	1	5	0	0	0	20	1.83
Landscaping A	3	6	0	0	0	21	1.67
Landscaping B	1	6	0	0	0	19	1.86
Logic Fun	3	3	0	0	1	17	2
Mali	3	1	3	0	0	20	2
MidEast Studies	0	6	1	0	0	20	2.14
Novel	2	6	3	0	0	15	2.09
Prob/Stats 6-7	1	3	3	0	1	17	2.63

Rock 'n' Roll	4	4	1	0	0	19	1.67
Rube Goldberg!	0	0	0	0	0	21	0
Social Dance	3	2	1	0	0	20	1.67
Span.FairyTales	0	0	1	0	0	20	3
Transition Wksp	0	2	0	0	0	19	2
Writing Club	1	0	0	0	0	21	1
Writing Study	0	0	0	0	0	21	0
Adv. MS Office	4	0	0	0	0	20	1
Art (gr 6)	2	1	1	0	0	18	1.75
Art of Geometry	1	0	0	0	0	20	1
Biking	2	8	2	0	0	20	2
Bird Houses	3	1	0	0	0	20	1.25
Cook w/Art/Jazz	2	3	1	0	0	20	1.83
Creative Perfor	3	4	0	1	0	21	1.88
Creative Wrtg.	2	3	0	0	0	20	1.6
Crocheting	2	0	0	1	0	20	2
Current Events	0	3	1	0	0	21	2.25
Drumming	2	1	1	1	1	20	2.67
Ecology Habitat	0	3	0	0	0	21	2
Economics	6	3	1	1	1	18	2
Eukary Greens 2	1	2	0	0	0	20	1.67
Film Making	2	3	2	0	0	20	2
Flag Football	8	8	4	0	0	15	1.8
Fun w/Chemistry	2	2	0	0	0	19	1.5
Health 10	1	3	0	0	0	18	1.75
Health 7	3	10	2	0	0	15	1.93
HispanicCulture	1	3	0	0	0	19	1.75
Jogging	6	6	0	0	0	18	1.5
Keybd/Stu.Sk.	4	7	4	0	0	15	2
M T Phy Ed (6)	4	2	4	0	0	18	2
M T Phy. Ed (7)	4	7	2	0	0	15	1.85
Mental Math	2	2	0	0	0	20	1.5
MT PE Waiver	0	0	0	0	0	21	0
Power Walking	3	4	2	0	1	18	2.2
Pre-Chemistry	0	1	0	0	0	21	2
Pre-Physics	0	0	0	0	0	21	0
PSAT/SAT Prep.	3	3	2	1	0	18	2.11
Running	3	2	0	0	0	17	1.4
Soccer	3	4	1	0	0	20	1.75
Softball	3	3	1	0	0	18	1.71
Zoology	1	5	2	0	0	19	2.13
Acting Lab	5	1	0	0	0	19	1.17
Expository Wrt.	4	2	0	0	0	19	1.33
Fun w/Physics	2	1	0	0	0	18	1.33
Hist thru Movie	4	2	0	0	0	18	1.33
Total Respondents	85						
(skipped this question)	36						

Extra - Curricular	1	2	3	5	5		
Please rate the extracurricular activities that your student(s) participated in during the 2005/2006 School term.	Very Satisfied	Satisfied	Neutral	Unsatisfied	Very Unsatisfied	N/A	Response Average
Academic Triathlon	2	3	0	0	0	19	1.6
Basketball (Boys)	5	4	0	1	0	22	1.7
Basketball (Girls)	3	3	1	0	0	21	1.71
Cross Country Running (Boys)	9	3	1	0	0	19	1.38
Cross Country Running (Girls)	3	2	0	0	0	19	1.4
Gardening Dragons	1	0	0	0	0	22	1
Lego Robotics	10	5	3	2	0	17	1.85
Math Masters	0	0	0	0	0	23	0
Outreach Team	4	0	0	0	0	21	1
School Play	8	3	1	0	0	19	1.42
Speech Club	0	1	0	0	0	21	2
Total Respondents	58						
(skipped this question)	63						

***Key to Response Average: 1=Very Satisfied; 2=Satisfied; 3=Neutral; 4=Unsatisfied; 5=Very Unsatisfied**

TOTAL AVERAGE RESPONSE FOR SURVEY = 1.59

Survey Feedback	Yes	No	Not Sure	Response Total
Were the questions and response options on the survey clear?	86	0	3	89
Did the questions allow you to give all of the feedback to MSA that you wanted?	72	10	7	89
Will you take the online survey next year if offered?	84	0	5	89
Total Respondents	90			
(skipped this question)	31			

School Finances

The General fund balance for FY04-05 ended at \$582,568 as of June 30, 2005. The 2005-2006 fiscal year end audit was conducted on August 15th, 2006, and the results will be submitted to MDE by the required deadline. Whereas the results of this audit are as of yet incomplete, there is every indication that once again MSA will have an *annual surplus* of approximately \$21,000 even with the unscheduled payoff of an \$87,000 loan.

Math and Science Academy		
FY06-07 Budget		
	FY2006-2007	
		Teachers Ratio
<u>Enrollment Projections</u>		19.29
Number Students Grade 6	60	2.00
Number Students Grade 7	51	2.00
Number Students Grade 8	51	2.00
Number Students Grade 9	51	2.00
Number Students Grade 10	28	2.00
Number Students Grade 11	19.0	2.00
Number Students Grade 12	10.0	2.00
Total Number Students (Grades 6-12)	270	14.00
Total Number Students (Grade 6)	60	
Total Number Students (Grades 7-12)	210	
Adjusted Pupil Units (Grade 6) AMCPU	63.60	
Adjusted Pupil Units (Grades 7-12) AMCPU	273.00	
Total ADJUSTED Pupil Units	336.60	
Adjusted Marginal Cost Pupil Units (AMCPU) (90/10)	302.94	
Greater of line 29 or line 31	336.60	

<u>General Education Revenue</u>		
<u>State Averages per AMCPU (Adjusted Marginal Cost Pupil Unit)</u>		
Inflation Rate Assumption - Basic only		
Basic Excluding Transportation	4,732.76	
Referendum Aid - Avr.	111.44	
Gifted and Talented	9.00	
Transportation	0.00	
Graduation Rule	0.00	
Sparsity	20.54	
Training & Experience	6.54	
Transistion	0.62	
Equity	101.26	
Compensatory Transition	0.00	
Operating Capital	203.00	
Supplemental	0.00	
State Revenue (per AMCPU)	5,185.16	
Less Pension Adjustment	49.89	
Total State Revenue (per AMCPU)	5,135.27	
Total General Education State Revenue	1,728,531.88	
<u>Compensatory Revenue</u>	0.00	
Calculated Compensatory State Revenue	0.00	
<u>Building Lease Aid</u>		
Lease Aid per Pupil Unit	1,260.55	
Maximum Qualifying Lease Aid	424,301.00	
Lease Aid a t90% of Lease Cost	422,532.20	
Lessor of \$1,260.55/p.u. or 90% of lease payment	422,532.20	
<u>Other Revenue</u>		
General Fund Transfer	0.00	
Total Other Revenue	0.00	

<u>Special Education Revenue Calculations</u>		
State Spec. Ed. Staff Revenue	72,225.76	
Delete Category	0.00	
Delete Category	0.00	
Excess Cost/Tuition Bills (Estimate)	52,000.00	
Federal Spec Ed Flow thru	74,000.00	
	0.00	
Total Special Education Revenue	124,225.76	
<u>Student and Staff Assumptions</u>		
Number of Special Needs Students	20.00	
Number of Special Education Students	14.00	
Number Free Lunch	0.00	
Number Reduced Lunch	0.00	
Number of Teachers	15.96	
Number of Administrators	1.00	
Number of Support Staff	2.00	
Number of Special Education Teachers	1.50	
Number of Special Ed. Paraprofessionals	1.60	
Number of Gen Ed Paraprofessionals	0.40	
Staff to Student Ratio	16.92	
<u>Projected Benefits</u>		
Inflation Rate Assumption	Use actuals	
Health Ins.		
Health Ins. Deductible Allowance (max)		
Dental Ins.		
Life Ins.		
ST Disability		
LT Disability		
Vision Allowance		
Worker's Comp Ins.	6% increase	
FICA	7.65	
TRA (Teachers Retirement)	5	
PERA	5.53	
<u>Other Costs Inflation Rate Assumption</u>		

<u>Revenue Calculations</u>		
<u>State Aids</u>		
General Education Revenue	1,728,532.00	
Compensatory Revenue	0.00	
Building Lease Aid	422,532.00	
Charter School Start-up Revenue	0.00	
Special Education Revenue	124,226.00	
Total State Aids	2,275,290.00	
<u>Grants and Loans</u>		
3rd Federal Charter School Start-Up Grant		
2nd Federal Charter School Start-Up Grant		
State Grants	0.00	
Private Grants	0.00	
Misc Rev - Yearbook, Theatrer, Federal Dollars(Title II & VI)	0.00	
Total Grants & Loans	0.00	
Total Other Revenues	0.00	
Total Revenue	2,275,290.00	
<u>Expenditure Calculations</u>		
<u>Regular Education Salaries & Benefits</u>	0.59	
<u>Salaries</u>		
Teaching Staff	702,850.32	
Administrative	169,188.80	
P/T Office Assistant	7,900.00	
Educational Assistant - Non Spec Ed (prior to 01-02 support)	0.00	
Substitute or Leave Buyout	24,732.80	
Substitute Administrators	3,500.00	
Special Ed. Teachers	74,630.40	
Special Ed. Assistants- Federal Funds	18,000.00	
Special Ed. Assistants M.Richards & L. Keeler (68% thru state bal MSA)	4,377.60	
Base Pay increase for educational accomplishments	15,500.00	
Extra Curr. Contracts	18,000.00	
subtotal	1,020,679.92	

<u>Benefits</u>		
Health Ins.	138,659.14	
Health Ins. Deductable Allowance	5,552.50	
Dental Ins.	22,908.69	
Life Ins.	2,910.24	
STD/LTD	14,597.80	
ADD	354.24	
Vision Allowance	4,192.00	
Estimated Benefit Increase	0.00	
Emergency Approved Paid Time off	1,200.00	
Healthcare Reserve	0.00	
Annuity	0.00	
Worker's Comp. Ins. Premium (Incl. \$250 premium for Volunteers)	5,500.00	
subtotal	195,874.61	
<u>Payroll Taxes (Employer Paid)</u>		
MN Unemployment Tax (1st \$23,000 of empl. Sal @ .56%)	2,833.60	
FICA (Soc. Sec 6.2%+ Medicare 1.45%)	73,359.45	
PERA (Non-Teacher Retirement employer portion)6.0%	5,610.65	
TRA (Teacher's Retirement) 5%	42,224.44	
subtotal	124,028.14	
Total Regular Education Salaries & Benefits	1,340,582.67	
<u>Special Education</u>	0.02	
916 Contracted Related Services	28,500.00	
Contract Special Education Director (MACS)	5,000.00	
Affiliate Membership #916	7,045.00	
Total Special Education	40,545.00	
<u>Services & Activities</u>	0.05	
Staff Development	20,960.00	
Professional Organizations and Literature (@ \$200/staff)	4,192.00	
Audit	19,000.00	
Accounting	10,000.00	
Payroll Fees	3,000.00	
Insurance- Property & Liability	30,121.00	
MN State High School League	1,200.00	
Postage & Shipping	4,500.00	

MACS Membership	0.00	
Bank Interest/Principle on Line of Credit PAID OFF	0.00	
Bank Fees	1,200.00	
Government Fees (Washington County Watershed tax)	1,500.00	
Copies- Overages	2,000.00	
Testing	3,800.00	
Director's Discretionary Fund	6,000.00	
Professional Associations (MSBA)	1,500.00	
Security & Monitoring	3,700.00	
Transportation	0.00	
Total Services & Activities	112,673.00	
<u>Supplies & Equipment</u>	0.04	
School Textbook/Supplies - Classroom	65,671.00	
School Supplies – May Term	0.00	
Theatrer (Play)	3,500.00	
Phone Equipment Repair	500.00	
Office Supplies	12,000.00	
Equipment - Classroom	1,000.00	
Office Furniture	3,000.00	
Total Supplies & Equipment	85,671.00	
<u>Maintenance</u>	0.03	
Snow Removal	6,000.00	
Lawn Service and Landscaping	2,000.00	
Building Maintenance	10,000.00	
Supplies & Equipment	11,000.00	
Garbage & Recycling	5,000.00	
Custodial Services	25,200.00	
Capitol Repairs	5,000.00	
Total Maintenance	64,200.00	
<u>Utilities</u>	0.03	
Electricity & Gas	36,000.00	
Phone Plans (T-Mobil, Sprint, Popp Telecom)	25,000.00	
YMCA Utilities	3,264.00	
Water & Sewer	1,000.00	
Internet Access & Lic. Fees	500.00	
Total Utilities	65,764.00	

<u>Technology</u>	0.03	
Computers, Peripherals Techie Gear	29,600.00	
Computer Laptop Cart	800.00	
Computer Tech Support, Outside Vendor	5,000.00	
Computer Tech Support, Internal Staff	5,000.00	
Photocopying Equipment cost of Lease per year	15,000.00	
Maintenance	10,000.00	
Skyward Accounting software(\$20 per child count)	5,000.00	
Total Technology	70,400.00	
<u>Marketing & Development</u>	0.00	
Printing	900.00	
Advertising	3,750.00	
Meeting/Open Forum Expenses	350.00	
Total Marketing & Development	5,000.00	
<u>Facilities</u>	0.21	
Lease Payments - Permanent Building -Trustee & Bond	379,664.72	
Trustee Fees (1725 twice a year)	3,450.00	
YMCA Lease Pymt: Athletic Facilities	86,365.50	
Capital Improvement Lease(CIT)	0.00	
Repayment of Reserve Fund	0.00	
Replacement of AC Chiller Unit	0.00	
Property Appraisal	0.00	
Arbitrage Calculation (estimate)	0.00	
Excess closing cost	0.00	
Total Facilities	469,480.22	
Total Expenses	2,254,315.89	
Annual Surplus (Deficit)	20,974.11	

Sponsor Information

The Math and Science Academy, since opening in the fall of 1999, is one of a few charter schools in the state to have the Department of Education (MDE) for a sponsor. From the time that I have been the director (beginning in 2003), Andrea Coffey has been our sponsor contact, and has been responsible for all of our contract renewals in 2002 and 2005. As a school, MSA has been fortunate in that since our second year of operation we have had no significant issues that needed direct sponsor attention. However, beginning with the 2006-2007 school year, Andrea Coffey will no longer be our MDE contact, and as of 10/01/06 (the due date of this report), MSA has not been notified of her replacement.

EDITORS:

Paul Simone
Michelle Richards
Bronwen Williams