



2004-2005 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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2004-2005 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 2004-2005 reported demographic information for 303 MSA students with respect to race, sex, special education, limited English proficiency, and free/reduced lunch.

Race	Student Count	Student Percentage	State Percentage
American Indian/Alaskan Native	0	0.0	2.1
Asian Pacific Islander	20	6.6	5.49
Black, Non-Hispanic	1	0.33	8.18
Hispanic	1	.33	4.95
White, Non-Hispanic	260	93.07	79.29

Sex	Student Count	Student Percentage	State Percentage
Female	123	40.95	48.63
Male	165	59.41	51.37

FARMS	Student Count	Student Percentage	State Percentage
Eligible for F/RP Meals	1	.33	29.69
Not Eligible for F/RP Meals	302	99.67	70.31

LEP	Student Count	Student Percentage	State Percentage
Limited English Proficient	0	0	7.09
Non-LEP	303	100	92.91

Special Ed	Student Count	Student Percentage	State Percentage
Regular Education	279	92.08	87.51
Special Education	24	7.92	12.49

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	299.87	96

	Student Count	Student Percentage
Graduation Rate	24	100

	Summer 2004	2004-2005 School Year
Mobility	Added: 60 new 6th grade students	Added: 10 new 6th through 11th graders
	Dropped: 25 - 7th through 11th graders	Dropped: 6 – 6th through 12th graders

Teaching Staff Information

Name	Subject Area	File Folder Number
Stacy Ann Bartlett	7-12 Life Sciences 7-12 Chemistry	361292
Margaret Catherine Vincent (Burggraaff)	7-12 English/Language Arts	376388
Norma Patricia Haynes- Guerra	1-6 Elementary Education K-12 Physically Handicapped	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
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 Schoberlein	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	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	
Jeanne Brino	Financial Coordinator	
Joshua Heidkamp	Special Education Assistant	

Additional Teaching Staff Information

For the 2004-2005 school year, MSA added a part time (.4FTE) 5-8 science teacher - Cheryl Howe, a part time (.4FTE) art teacher – Lucretia Keeler, and a full time (1.0FTE) special education teacher – Marilynn Kaplan. In addition, MSA hired a fulltime special education paraprofessional – Joshua Heidkamp, and consequently, had no staffing needs go unmet.

Governance

MSA is governed by a board of directors 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 board 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 grant) that meet either the second or third Thursday of the month. The MSA Board of Directors routinely conducts workshops to address the larger issues, and gives the community a chance to weigh-in on such issues. The 2004-2005 board members are listed below.

Name	Position and Term Expiration	Group Representation
Kristen Moravetz MSA Student	Board Member – 6/5/04	Students
Grace Ezzell MSA Student	Board Member – 6/5/06	Students
Stacy Bartlett (651) 353-2313 sbartlett@mnmsa.org	Board Member – 12/31/04	Teachers
Darrel Schoeberlein (651) 353-2370 dschoeberlein@mnmsa.org	Board Member – 12/31/04	Teachers
Kenneth Thielman (651) 353-2316 kthielman@mnmsa.org	Board Vice Chair – 12/31/04	Teachers
Peter Sadowski (763) 475-7721 (work) psadowski@antarespharma.com	Board Chair – 12/31/04	Parents
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 Treasurer – 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
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 and 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 the MSA is required to complete a math program through calculus, and 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 a year of high school fine arts. Thus far, after three graduating classes, only two seniors have failed to graduate on time.

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 further enhance their educational experience by participating in after school extra-curricular activities that include a MSHL level cross country team, club level recreational sports, 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 extra-curricular agreements.

Accountability Data

In order to ensure that academic progress is being made, Math and Science Academy students are required to take several standardized tests throughout the year. These tests include the Basic Standard Skills Tests in 8th and 10th grade, the MCA exams in 7th, 10th and 11th grade, and PSAT in grades 9 through 11. MSA has chosen to use PSAT results as its new benchmark for progress. Each year, students in grades 9 through 11 are given PSAT in the fall. When the test results are reported in December, scores are compared to previous years, as well as all juniors and sophomores nation-wide. 2004-2005 is the first year the PSAT will be used as a benchmark, and all subsequent years will now be compared in a value added scenario for reading, writing, and math.

In addition to the PSAT, MSA administers the 8th grade reading and math BST, the 10th grade writing BST, the 7th grade reading and math MCA, the 10th grade reading MCA, and the 11th grade math MCA. Without exception, each year MSA has outperformed not only the state averages, but the averages of surrounding schools in South Washington County. For example, for the 2004-2005 school year, MSA's average score on the 10th grade BST for written composition was 4.1, while the state average score was 3.2. The percent of students passing the written comprehension exam at MSA for the 2004-2005 school year was 100%, while the state average was 92%. Eighth grade results are equally impressive. This year 96% of the test-taking 8th graders passed the reading exam, and 91% of the 8th graders passed the math portion. To date, 100% of our juniors and seniors have passed the reading, math, and writing BST exams.

Our top testing performances, however, are on the 7th, 10th and 11th grade MCA's. On the 7th grade reading and math MCA's, at least 96% of our students scored a three or higher on each test. Our 10th and 11th grade MCA's in math and reading were in addition very high, with 100% in reading for our 10th grade students and 91% of our 11th graders scoring three or higher in mathematics.

Below are the Math and Science Academy BST and MCA test data as they appear on the MDE website.

Basic Standard Test Scores

Basic Standard Skill Test	Average Scale Score State	MSA	Percent Passing
8 th Grade Reading	644.4	678.3	96
8 th Grade Math	632.0	653.4	91
10 th Grade Writing	3.2	4.1	100

Minnesota Comprehensive Assessments Test Scores

		Levels	1	2	3	4	5	*Percent Passing
7 th Grade Mathematics	Math & Science Academy		0.00	3.51	19.30	45.61	31.58	96.49%
	State		3.74	20.45	36.62	25.53	13.66	75.81%
7 th Grade Reading	Math & Science Academy		0.00	3.45	24.14	44.83	27.59	96.56%
	State		4.25	21.58	32.76	34.23	7.17	74.16%
11 th Grade Mathematics	Math & Science Academy		0.00	9.09	27.27	27.27	36.36	90.09%
	State		2.40	25.74	45.21	19.09	7.56	71.86%
10 th Grade Reading	Math & Science Academy		0.00	0.00	15.15	54.55	30.30	100%
	State		4.22	14.61	37.09	35.39	8.69	81.17%

*Passing refers to all students who scored at level 3 or higher

MCA Score Comparisons

The charts that follow are the MSA 7th, 10th, and 11th grade MCA scores ranked against all schools in the state of Minnesota. From this depiction, it can be seen that our MCA scores place our 7th grade math scores fourth in the state, our 7th grade reading scores third in the state, and our 10th grade reading and 11th grade math scores as first in the state for the second year in a row.

7th Grade MCA Math Scores – 2005 Top Ten in Minnesota

District Name	School Name	# Tested	Level 1	Level 2	Level 3	Level 4	Level 5	Average Score
MINNEAPOLIS	LAKE HARRIET UPPER	93	0	3	19	28	43	1554.22
EDINA	VALLEY VIEW MID.	305	1	15	69	98	122	1548.06
WAYZATA	WAYZATA CENTRAL MID.	297	1	26	56	109	105	1536.61
MATH & SCIENCE ACADEMY	MATH & SCIENCE ACADEMY	57	0	2	11	26	18	1536.54
EDINA	SOUTH VIEW MID.	278	1	15	70	88	104	1535.49
NOVA CLASSICAL ACADEMY	NOVA CLASSICAL ACADEMY	20	0	1	4	7	8	1535.10
ROSEVILLE	PARKVIEW CENTER EL.	76	1	11	14	17	33	1533.68
ST. PAUL	CAPITOL HILL MAGNET/RONDO	163	0	9	46	51	57	1533.07
WAYZATA	WAYZATA EAST MID.	244	3	17	71	70	83	1531.84
WAYZATA	WAYZATA WEST MID.	216	1	18	58	64	75	1530.34

7th Grade MCA Reading Scores – 2005 Top Ten in Minnesota

District Name	School Name	# Tested	Level 1	Level 2	Level 3	Level 4	Level 5	Average Score
NOVA CLASSICAL ACADEMY	NOVA CLASSICAL ACADEMY	20	1	0	1	12	6	1563.50
MINNEAPOLIS	LAKE HARRIET UPPER	93	0	6	14	46	27	1554.98
MATH & SCIENCE ACADEMY	MATH & SCIENCE ACADEMY	58	0	2	14	26	16	1548.50
EDINA	SOUTH VIEW MID.	281	1	22	58	141	59	1542.57
EDINA	VALLEY VIEW MID.	306	1	22	61	151	71	1540.76
WEST METRO EDUCATION PROGRAM	FINE ARTS INTERDISCIPLINARY MID.	108	0	9	26	52	21	1539.15
ROCHESTER	LINCOLN K-8 CHOICE EL.	24	0	4	7	7	6	1534.17
WESTONKA	GRANDVIEW MID.	181	1	8	46	94	32	1531.66
MINNETONKA	MINNETONKA EAST MID.	290	5	23	62	149	51	1531.08
CHASKA	CHASKA MIDDLE SCHOOL EAST	318	3	23	80	164	48	1529.22

10th Grade MCA Reading Scores – 2005 Top Ten in Minnesota

District Name	School Name	# Tested	Level 1	Level 2	Level 3	Level 4	Level 5	Average Score
MATH & SCIENCE ACADEMY	MATH & SCIENCE ACADEMY	33	0	0	5	18	10	1830.00
MOUNDS VIEW	MOUNDS VIEW SR.	535	3	16	105	290	121	1762.93
LANCASTER	LANCASTER SEC.	14	0	0	3	10	1	1745.71
ORONO	ORONO SR.	203	2	10	36	114	41	1743.40
ROSEMOUNT-APPLE VALLEY-EAGAN	EASTVIEW SR.	526	2	18	139	262	105	1732.91
MINNEAPOLIS	LORING-NICOLLET	15	0	1	5	6	3	1721.33
EDGERTON	EDGERTON SEC.	23	0	1	6	14	2	1717.83
BLOOMINGTON	JEFFERSON SR.	387	3	16	107	192	69	1717.44
BRANDON	BRANDON SEC.	31	0	1	10	16	4	1714.52
EDINA	EDINA SR.	548	9	24	160	256	99	1709.76

11th Grade MCA Math Scores – 2005 Top Ten in Minnesota

District Name	School Name	# Tested	Level 1	Level 2	Level 3	Level 4	Level 5	Average Score
MATH & SCIENCE ACADEMY	MATH & SCIENCE ACADEMY	11	0	1	3	3	4	1794.55
MOUNDS VIEW	MOUNDS VIEW SR.	420	6	26	158	121	109	1698.55
CHOKIO-ALBERTA	CHOKIO-ALBERTA SEC.	19	0	1	7	7	4	1694.21
ROSEMOUNT-APPLE VALLEY-EAGAN	EASTVIEW SR.	492	3	43	193	160	93	1671.12
HAWLEY	HAWLEY SEC.	65	0	5	30	17	13	1670.62
BLOOMINGTON	JEFFERSON SR.	393	2	34	156	134	67	1669.54
BRANDON	BRANDON SEC.	25	0	3	10	8	4	1665.20
EDINA	EDINA SR.	539	2	70	192	171	104	1662.56
FAIRMONT AREA SCHOOLS	FAIRMONT HIGH	138	1	21	49	41	26	1659.64
MAHTOMEDI	MAHTOMEDI SR.	229	0	39	80	60	50	1657.38

PSAT Scores Fall 2004

The PSAT scores, as they are listed below, represent our 9th, 10th, and 11th graders across the areas of reading writing and math compared, and on a national norm. This data will be the continuing basis for our value added testing program year to year.

*PSAT Scores Fall 2004

School Summary	Critical Reading	Math	Writing Skills	Selection Percentile
Grade 11 Average Norm Reference Percentile	76.15%	70.14%	71.4%	75.75%
Grade 10 Average Norm Reference Percentile	72.28%	67.96%	70.25%	62.84
Grade 9 Average Norm Reference Percentile	60%	53.47%	57.63%	47.25%

*Note:

Critical reading, math, and writing skills percentiles differ by grade levels – performance of juniors and above is compared with that of juniors nation-wide; performance of sophomores and below with that of sophomores nation-wide.

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

Academic Goals for 2005-2006 School Year

Based on the already high BST and MCA test results for MSA students, the goal will be to maintain superior scores. For the 2005-2006 school year, MSA will continue to administer state mandated MCA exams, including the new 6th and 8th grade reading and mathematics MCA. 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 would like to maintain its already achieved "5-star" school rating.

In addition to the above mentioned academic goals, MSA has applied for, and is working toward full implementation of the governor's Q-comp program. We have as of October 1st, 2005 submitted our proposal, and have met with a representative from the Minnesota Department of Education to edit and rewrite specific parts. The end goal for our Q-comp plan will be to put in place a strategy to further help ensure our continued student success.

Non-Academic Goals for 2005-2006

It has been decided by the staff that for the 2004-2005 school year, staff development will take the form of a year-long technology in the classroom workshop. Guided by the three subject area experts, each staff will receive group and individual instruction to identify and utilize unfamiliar technology in their curriculum. By year's end, MSA teachers and student will have increased their knowledge, understanding, and skill with using technology to increase student achievement.

Another non-academic goal for MSA will be to increase school-to-home communication. The means for this goal will be to add a "parent orientation" night whereby parents are invited to come to school one scheduled evening and experience a school day by attending their student's scheduled classes.

Other School Accountability Measures and Parent Participation

The Math and Science Academy 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 Board of Directors, 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 Board of Directors. 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 \$30 if you have one child or \$50 if you 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 much more.

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.

2004-2005 Parent Survey Results

Parent Team Survey Results	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	Not Applicable	No Answer	Total
AFTER SCHOOL PROGRAMS & CLUBS	31 30%	47 44%	15 14%	5 5%	1 1%	6 6%	0	105 100%
DIRECTOR	64 61%	33 31%	5 5%	2 2%	0	1 1%	0	105 100%
DISCIPLINE	42 39%	39 37%	10 10%	2 2%	2 2%	9 9%	1 1%	105 100%
ELECTIVES/NON-CORE COURSES	24 23%	41 39%	16 15%	4 4%	2 2%	17 16%	1 1%	105 100%
ENGLISH	57 54%	38 36%	6 6%	4 4%	0	0	0	105 100%
ENROLLMENT, MARKETING & FUTURE PLANNING	27 26%	40 37%	29 28%	0	2 2%	4 4%	3 3%	105 100%
GROUNDS & BUILDING APPEARANCE	46 43%	44 42%	9 9%	5 5%	0	0	1 1%	105 100%
MATH	57 54%	35 33%	4 4%	7 7%	0	1 1%	1 1%	105 100%
MAY TERM	28 27%	38 36%	12 11%	11 10%	2 2%	7 7%	7 7%	105 100%
MUSIC/BAND	49 46%	17 16%	6 6%	4 4%	0	27 26%	2 2%	105 100%
ADMINISTRATIVE OFFICE STAFF	76 72%	24 23%	1 1%	0	0	3 3%	1 1%	105 100%
OVERALL SATISFACTION	60 54%	41 39%	3 3%	0	0	0	1 1%	105 100%
PARENT/TEACHER CONFERENCES	26 25%	38 36%	19 18%	8 8%	1 1%	11 10%	2 2%	105 100%
PHONE COMMUNICATION	42 40%	37 35%	12 11%	4 4%	0	9 9%	1 1%	105 100%
PHYSICAL EDUCATION	25 24%	31 29%	21 20%	4 4%	0	23 22%	1 1%	105 100%
SCIENCE	45 42%	36 34%	6 6%	8 8%	7 7%	1 1%	2 2%	105 100%
SOCIAL STUDIES	55 52%	38 36%	8 8%	0	2 2%	1 1%	1 1%	105 100%
SPANISH	43 41%	42 40%	11 10%	5 5%	1 1%	1 1%	2 2%	105 100%
SPECIAL EDUCATION	8 8%	8 8%	8 8%	0	1 1%	77 72%	3 3%	105 100%
SPORTS	4 4%	18 17%	19 18%	12 11%	0	45 43%	7 7%	105 100%
TECHNOLOGY	29 28%	48 45%	20 19%	2 2%	1 1%	1 1%	4 4%	105 100%
TRANSPORTATION	14 13%	24 23%	18 17%	9 9%	8 8%	29 27%	3 3%	105 100%
WRITTEN COMMUNICATION	33 31%	48 46%	12 11%	7 7%	1 1%	2 2%	2 2%	105 100%

Total: 105 Surveys

Discrepancies in total percentages is due to rounding to nearest tenth of a percent.

School Finances

The fund balance of the General Fund ended at \$395,424 as of June 30, 2004. The 2004-2005 fiscal year end audit was conducted on August 15th, 2005, 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 *annual surplus* of approximately \$50,000 or more even though the below un-audited 2004-2005 board approved budget indicates an annual balance of \$29,036.

Math and Science Academy		
FY04-05 Budget		
<u>Enrollment Projections</u>		
Number Students Grade 6		65
Number Students Grade 7		56
Number Students Grade 8		52
Number Students Grade 9		42
Number Students Grade 10		34
Number Students Grade 11 (assume 27 students with 2 FT PSEO)		8.0
Number Students Grade 12 (assume 23 students with 13 FT PSEO)		13.0
Total Number Students (Grades 6-12)		270
Total Number Students (Grade 6)		65
Total Number Students (Grades 7-12) Less 20 for good yearly average		205
Adjusted Pupil Units (Grade 6) AMCPU		68.90
Adjusted Pupil Units (Grades 7-12) AMCPU		266.50
Total ADJUSTED Pupil Units		335.40
Adjusted Marginal Cost Pupil Units (AMCPU) (90/10)		301.86
Greater of line 29 or line 31		335.40
<u>General Education Revenue</u>		
<u>State Averages per AMCPU</u>		
Inflation Rate Assumption - Basic only		
Basic Excluding Transportation		4,377.85
Referendum Aid - Avr.		70.62
Transportation		0.00
Graduation Rule		0.00

Sparsity		17.17
Training & Experience		19.76
Equity		33.60
Compensatory Transition		0.00
Operating Capital		203.02
Supplemental		0.00
State Revenue (per AMCPU)		4,722.02
Less Pension Adjustment		48.72
Total State Revenue (per AMCPU)		4,673.30
Total General Education State Revenue		1,567,424.82
<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		422,788.00
Lease Aid at 90% of Lease Cost		416,427.30
Lessor of \$1,500/p.u. or 90% of lease payment		416,427.30
<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		68,758.32
Delete Category		0.00
Delete Category		0.00
Excess Cost/Tuition Bills (Estimate)		15,000.00
Federal Spec Ed Flow thru		10,400.00
Federal Spec Ed Pers. Dev.		440.00
Total Special Education Revenue		94,598.32

<u>Student and Staff Assumptions</u>		
Number of Special Education Students		24.00
Number Free Lunch		0.00
Number Reduced Lunch		0.00
Number of Teachers		15.00
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		18.00
<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)		5.00%
PERA		5.53%
<u>Other Costs Inflation Rate Assumption</u>		
<u>Revenue Calculations</u>		
<u>State Aids</u>		
General Education Revenue		1,567,425.00
Compensatory Revenue		0.00
Building Lease Aid		416,427.00
Charter School Start-up Revenue		0.00
Special Education Revenue		94,598.00
	Total State Aids	2,078,450.00

<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, Theatre, Federal Dollars(Title II & VI)		\$0.00
Total Grants & Loans		\$0.00
Total Other Revenues		\$10,000.00
Total Revenue		\$2,071,198.00
<u>Expenditure Calculations</u>		
<u>Regular Education Salaries & Benefits</u>		
<u>Salaries</u>		
Teaching Staff		\$621,000.00
Administrative		\$155,500.00
Office Intern (2@3hrs day for 175 days)		\$7,500.00
Educational Assistant - Non Spec Ed (prior to 01-02 support)		\$0.00
Substitute or Leave Buyout		\$23,600.00
Substitute Administrators		\$3,500.00
Special Ed. Teachers		\$69,000.00
Special Ed. Assistants		\$0.00
Special Ed. Assistants		\$3,000.00
2 Parents Year Bk \$750 Each		
	subtotal	\$883,100.00
<u>Benefits</u>		
Health Ins.		\$104,568.00
Health Ins. Deductable Allowance		\$5,312.50
Dental Ins.		\$17,154.20
Life Ins.		\$2,465.82
STD/LTD		\$14,207.22
ADD		\$352.26
Vision Allowance		\$4,000.00
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)		\$5,362.00
subtotal		\$154,622.00
<u>Payroll Taxes (Employer Paid)</u>		
MN Unemployment Tax (1st \$21,000 of empl. Sal @.17%)		\$785.40
FICA (Soc. Sec 6.2%+ Medicare 1.45%)		\$64,637.25
PERA (Non-Teacher Retirement employer portion) 5.53%		\$4,783.45
TRA (Teachers Retirement) 5%		\$38,100.00
subtotal		\$108,306.10
Total Regular Education Salaries & Benefits		\$1,146,028.10
<u>Special Education</u>		
Additional Spec. Ed. Materials		\$2,100.00
Contracted Related Services & Assessments(Federal Money)		\$17,500.00
Additional Spec. Ed. Materials - Student Specific		\$600.00
916 Contracted Related Services & Assessments- Student Specific?		\$800.00
Contract Special Education Director (MACS)		\$4,000.00
Total Special Education		\$25,000.00
<u>Services & Activities</u>		
Staff Development		\$20,000.00
Professional Organizations and Literature (@ \$200/staff)		\$4,000.00
Audit		\$27,000.00
Accounting		\$15,000.00
Payroll Fees		\$3,500.00
Insurance- Property & Liability		\$27,716.00
MN State High School League		\$1,200.00
Nurse Services		\$2,600.00
Affiliate Membership #916 and tuition		\$7,700.00
Postage & Shipping		\$3,500.00
Extra Curricular Contracts		\$11,500.00
MACS Membership		\$2,500.00
Bank Interest/Principle on Line of Credit		\$23,292.12

Bank Fees		\$500.00
Government Fees		\$0.00
Copies- Overages		\$2,000.00
Testing		\$3,800.00
Director's Discretionary Fund		\$2,500.00
Professional Associations (MSBA)		\$1,500.00
Security & Monitoring		\$3,300.00
Transportation		\$0.00
Total Services & Activities		\$163,108.12
<u>Supplies & Equipment</u>		
School Textbook/Supplies - Classroom		\$40,005.75
School Supplies - Mayterm		\$0.00
Phone Equipment Repair		\$500.00
Office Supplies		\$10,000.00
Equipment - Classroom		\$1,000.00
Office Furniture		\$0.00
Total Supplies & Equipment		\$51,505.75
<u>Maintenance</u>		
Snow Removal		\$6,000.00
Lawn Service and Landscaping		\$1,000.00
Building Maintenance		\$3,000.00
Supplies & Equipment		\$11,000.00
Garbage & Recycling		\$5,000.00
Custodial Services		\$32,000.00
Capitol Repairs		\$5,000.00
Total Maintenance		\$63,000.00
<u>Utilities</u>		
Electricity & Gas *NOTE*(Last 2yrs cost approx 26,500 each Yr)		\$35,000.00
Phone Plans (Qwest, Sprint, Voicestream)		\$30,000.00
YMCA Utilities		\$3,100.00
Water & Sewer		\$2,000.00
Internet Access		\$375.00
Total Utilities		\$70,475.00
<u>Technology</u>		
Computers, Peripherals Techie Gear		\$25,000.00

Computer Tech Support, Outside Vendor		\$5,000.00
Computer Tech Support, Internal Staff		\$5,000.00
Photocopying Equipment		\$19,200.00
Maintenance		\$5,000.00
Skyward Accounting software(\$20 per child count)		\$5,400.00
Total Technology		\$64,600.00
<u>Marketing & Development</u>		
Printing		\$1,000.00
Advertising		\$1,000.00
Meeting/Open Forum Expenses		\$1,000.00
Total Marketing & Development		\$3,000.00
<u>Facilities</u>		
Lease Payments - Permanent Building -Trustee & Bond		\$377,837.00
Trustee Fees (1725 twice a year)		\$3,450.00
YMCA Lease Pymt: Athletic Facilities		\$81,410.00
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		\$462,697.00
Total Expenses		\$2,049,413.97
Annual Surplus (Deficit)		\$29,036.03

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 for a sponsor. From the time that I have been the director (beginning in 2003), Andrea Coffey has been our sponsor contact person, and has been responsible for all of our contract renewals – 2002 and 2005. As a school, MSA has been fortunate since our second year of operation in that we have had no significant issues that needed direct sponsor attention. However, even when we have had minor questions and/or problems along the way, Andrea Coffey and MDE have been responsive, and proactive in their assistance.

EDITORS:

Paul Simone