



Advanced Placement and International Baccalaureate Programs

Fiscal Year 2011

Report

To the

Legislature

As required by

Minnesota Statutes

120B.13

COMMISSIONER:

Brenda Cassellius, Ed. D.

**Advanced
Placement and
International
Baccalaureate
Programs**

FOR MORE INFORMATION CONTACT:

Jessica Espinosa

Center for Postsecondary Success

651-582-8512

Jessica.espinosa@state.mn.us

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**FY 2011
Report
To the
Legislature**

1500 Highway 36 West

Roseville, MN 55113-4266

TTY: (800) 627-3529 OR (651) 582-8201

Upon request, this report can be made available in alternative formats.

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Cost of Report Preparation

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Legislation

The Advanced Placement and International Baccalaureate Programs became a part of the Education Omnibus bill in May 1992. In FY 2010-2011 appropriations, the programs were funded at \$4,500,000, with \$500,000 earmarked for teacher training. In addition, the bill indicates that, "The advanced placement program shall receive 75 percent of the appropriation each year and the international baccalaureate program shall receive 25 percent of the appropriation each year." Minnesota statutes provide the following language and guidance for Advanced Placement and International Baccalaureate programs in our state.

"The advanced placement and international baccalaureate programs are well-established academic programs for mature, academically directed high school students. These programs, in addition to providing academic rigor, offer sound curricular design, accountability, comprehensive external assessment, feedback to students and teachers, and the opportunity for high school students to compete academically on a global level. Advanced Placement and International Baccalaureate programs allow students to leave high school with the academic skills and self-confidence to succeed in college and beyond. The Advanced Placement and International Baccalaureate programs help provide Minnesota students with world-class educational opportunity." [Click here to view Minnesota Statutes 120B.13 Advanced Placement and International Baccalaureate Programs](https://www.revisor.mn.gov/statutes/?id=120B.13) (<https://www.revisor.mn.gov/statutes/?id=120B.13>).

Minnesota's Advanced Placement (AP) and International Baccalaureate (IB) programs comply with the intent of the legislation through rigorous and challenging academic courses offered in Minnesota high schools and Pre-AP programs to prepare younger students to be academically ready to enroll in AP courses as they progress through high school. The IB Diploma Program (DP), IB Middle Year Program (MYP) and Primary Year Programs (PYP) provide the opportunity for students to engage in rigorous curriculum from kindergarten through twelfth grade as they prepare for college and careers after high school. In 2011, AP and IB programs have continued to grow in schools throughout Minnesota.

State funding for the AP and IB programs was initiated in 1992, with \$300,000 distributed to the first recipients in FY 1993. Initial funding supported subsidies for exam fees for low-income public school students, teacher training and support. In 1994 – 1995 the funding was increased to \$750,000 each year for a total of \$1,500,000. The funded categories were expanded to include exam fees for all students in FY 1994. Training scholarships were expanded to non-public teachers in FY 1998.

Since 2006, the legislature has appropriated \$4,500,000 each year with \$500,000 each year to be used across both AP and IB programs for teacher training. These dollars fund the costs of exam fees with the remaining funds covering teacher training. Minnesota Statutes 120B.13 also directs the commissioner to pay all exams fees for low-income students and to pay a portion of the exam fees for other public and non-public students sitting for the exams. The Minnesota Department of Education (MDE) was directed to work in consultation with the Minnesota AP Advisory Council and the Minnesota Association of IB World Schools to determine the manner in which the allocated funding would be distributed.

The amount allocated for FY 2011 was \$4,500,000. Expenditures for teacher training and support programs were \$1,095,964. The amount expended for exams for both programs totaled \$3,363,533. In total \$4,459,497 was expended.

Advanced Placement (AP) Program Description

The Advanced Placement Program is a cooperative educational endeavor between secondary schools and colleges and universities. Since its inception in 1955, the College Board Program has provided motivated high school students with the opportunity to take college-level courses in a high school setting. The program consists of 34 college-level courses and exams in 22 subject areas. The College Board supports secondary schools through teacher training and the development of a curriculum of high academic intensity and quality that will enable students to meet the standards for college-level learning in these subjects. Most colleges and universities in the United States, as well as institutions in 30 other countries, use AP exam results in the admissions process as a designation of a student's ability to succeed in rigorous curricula. Colleges award credit and/or placement into higher-level college courses so that college entrants can move directly into the courses that match their level of academic preparation.

Minnesota is in its 20th year of providing AP exam fee support for students. In 2011, 241 public and non-public schools offered AP courses. The number of students testing and exams taken in FY 2011 continues to demonstrate significant gains. In May 2011, 35,091 students took 56,942 exams with 64 percent earning a score of three or above on a scale of one-five.

The mission of the AP Program overall is to prepare students for academic success in college and beyond. Though still underrepresented in AP classrooms, more minority students experienced success in AP than ever before. According to the College Board, Minnesota is one of the top five states, since 2011, to have achieved the largest positive change in the percentage of high school graduates participating and succeeding in AP. Also, more low-income students have participated and succeeded in AP than in previous years. High school instructors contend that AP courses greatly enhance students' confidence and academic interest; colleges find that these students are considerably better prepared for serious academic work; and students say they enjoy the challenge of the AP curriculum.

Advanced Placement is open to any secondary school that is willing to organize one or more courses, foster teacher development and administer the AP Exams. All AP exams (except Studio Art, which is a portfolio assessment) consist of dozens of multiple-choice questions, scored by machine, and free-response questions (essays, translations, problems), which are scored at the annual AP Reading by more than 10,000 college faculty and secondary AP teachers, using scoring standards and rubrics developed by college faculty and experienced AP teachers.

All schools wishing to label a course "AP" must first receive authorization by completing the AP audit process, which involves submitting a copy of the course syllabus for review by college faculty. The AP course audit provides clear guidelines on curricular and resource requirements that must be in place, and help colleges better interpret courses marked "AP" on students' transcripts. For further information about the program, [click here to visit the College Board website for more information about Advanced Placement](http://apcentral.collegeboard.com/). (<http://apcentral.collegeboard.com/>)

International Baccalaureate (IB) Program Description

The International Baccalaureate Organization (IBO) is a non-profit, Swiss educational foundation established in 1968. The Diploma Program (DP) was developed by a group of schools seeking to establish a common curriculum and university entry credentials for geographically mobile students. The IBO offers three programs of international education that span the primary, middle and secondary school years. The Primary Years Program (PYP) is designed for students aged three-12, the Middle Years Program (MYP) for students aged 11-16, and the Diploma Program (DP) for students aged 16-18. The DP, MYP and PYP schools go through an extensive application process to become authorized IB World Schools.

These three programs can serve student from age 3 to 19 to develop the intellectual, personal, emotional and social skills to live, learn and work in a rapidly globalizing world. The IB works with 3,323 schools globally with 1,867 programs in North America and the Caribbean, 429 programs in Latin America, 723 schools in the Asia Pacific, and 1,095 programs in Africa, Europe and the Middle East. The IB programs are designed to provide a broad and balanced education that includes science and the humanities, languages and mathematics, technology and the arts. The programs teach students to think critically, encourage them to draw connections between areas of knowledge, and use problem-solving techniques and concepts from many disciplines. They instill in students a sense of responsibility towards others and towards the environment. The programs give students an awareness and understanding of their own culture and of other cultures, values and ways of life.

The Diploma Program (DP) is a comprehensive two-year international curriculum available in English, French and Spanish. The DP offers 157 exams in 51 disciplines that generally allow students to fulfill the requirements of their national or state education systems. Students who participate in the full Diploma Program are required to study and examine in six different academic subjects. At least three of the six subjects are taken at the higher level where students study the subject area in depth for two academic years totaling 240 hours. Challenging standard level IB courses span one academic year totaling a minimum of 150 hours. Students who are not diploma candidates can choose to take individual IB courses and subsequent exams to earn IB certificates.

The format of exams includes essay, multiple choice, short answer and oral. In some subject areas, students also prepare a portfolio for assessment. Each subject has at least two exam periods for different types of exams for a total of four hours of examination. Each examined subject is graded on a scale of one to seven (maximum). The award of the diploma requires a minimum total of 24 points and satisfactory completion of the following three additional requirements:

- The Extended Essay is approximately 4,000 words. It provides the first experience in writing an independent, original research paper in one of the six subject areas;
- A critical thinking course known as Theory of Knowledge explores the relationships among the various disciplines and ensures that students engage in critical reflection and analysis of the knowledge acquired within and beyond the classroom; and,
- A minimum of 150 hours participation in Creativity, Action and Service (CAS), which are extracurricular community-action service, artistic and physical activities.

International Baccalaureate developed a Middle Years Program (MYP) in 1992, which offers a broad academic base along with Approaches to Learning and other areas of interaction for students in grades 6-10. The MYP can be a stand-alone program or part of the pre-IB preparation for the Diploma Program. In 2011, there were 12 MYP programs present in 20 schools.

The Primary Years Program (PYP) was developed in 1997. It offers an inquiry-based program for students in preK-5th grade. As of FY 2011, 16 schools were authorized to offer the PYP. All Minnesota PYP schools offer the full PYP to all students. The PYP and MYP schools also go through a comprehensive process to become authorized. Both the MYP and the PYP are school-wide models that serve all students. In 2011, over 19,000 students attended MYP and PYP schools in Minnesota.

In 2011, IB programs were in place in 55 'Authorized' schools and delivered the rigorous and challenging International Baccalaureate curriculum. There were 19 high schools at the Diploma Program (DP) level, 12 Middle Years Programs (MYP) in twenty schools (both middle schools and high schools), and 16 primary schools (PYP) at the elementary level. The high schools offering the Diploma Program engaged 2,602 students that took a total of 5,402 exams. In addition, 11 schools were involved in teacher training and program development associated with the 'Application' and 'Candidate' levels and seeking authorization by the International Baccalaureate Organization (IBO). Five 'Prospective' schools were conducting feasibility studies and an additional nine 'Considering' schools were exploring the possibility of implementing IB programs in their schools. The schools receive support and guidance through the Minnesota Department of Education (MDE), Minnesota Association of IB World Schools (MAIB), the International Baccalaureate of the Americas (IBA), and the International Baccalaureate Organization (IBO). (Appendix E, 2011 Schools) Throughout the long process of completing Application A and Application B, IB schools are developing curriculum and starting the implementation process in preparation for becoming authorized. The curriculum and culture of IB programs have generated considerable interest in this type of program.

[Click here to view more information about the International Baccalaureate on their website](http://www.ibo.org)
(<http://www.ibo.org>).

Teacher Training and Exams

In-depth teacher training was conducted by certified AP and IB providers. The training is designed to prepare teachers to deliver rigorous college level curriculum in the secondary setting and challenging academic experiences in the middle and primary grades.

AP and IB students in Minnesota benefit from the enriched content, instructional methods, and assessment strategies delivered by trained AP and IB teachers in their classrooms. In this enhanced academic environment, the students learning experience is invigorated by the higher level discussions/interaction.

Teacher training is a critical component to student success. In support of Advanced Placement, the Minnesota Department of Education (MDE) has worked closely with Augsburg College and Carleton College Summer Programs to facilitate in-depth training for AP teachers. In the

summer of FY 2011, Carleton trained 267 teachers and Augsburg trained 141 teachers during the Advanced Placement Summer Institutes. Ten AP teachers received out-of-state training. In addition, 434 teachers attended workshops at the University of Minnesota. In total 852 participants took part in these opportunities funded through this legislative appropriation. In 2010 and in 2011, an additional day of training was added to provide AP teachers with the option of learning digital tools and strategies to enhance their current lessons.

The MDE's support of IB teacher training is conducted through coordination with the IBO, the IB Americas, and the Minnesota Association of IB World Schools (MAIB). IB teacher training is primarily offered at out-of-state sites. In FY 11, Minnesota was selected as a host site by the IBO for the multi-level training and 179 teachers attended this local training opportunity. Looking forward to FY 2012, IB will again be hosting a multi-level training in Minnesota. During 2011, out-of state IB training was attended by 305 teachers. 484 teachers participated in workshops and professional networking opportunities coordinated by the Minnesota Association of IB World Schools. Additionally, 304 teachers attended special on-site trainings offered in partnerships with specific districts and the International Baccalaureate. Twenty-two teachers participated in online training. A total of 1,294 participants attended some form of professional development for the IB.

AP and IB exam fees for public and non-public students are subsidized by legislative action. Specific direction is given to pay all exam fees for low-income students. In 2011, 35,091 students took 56,942 exams in Minnesota. Of those, districts reported that 3,138 students qualified as low-income and these students took 4,481 exams.

Minnesota Advanced Placement Program Participation

The AP program is in its 20th year of receiving funding for exam fees for all students. In 2011, 241 high schools in Minnesota offered at least one AP course approved by the College Board. Schools can also offer AP exams even if they do not offer an approved AP course. The chart below provides a snapshot of the Minnesota AP student profile and their performance on AP exams. In Minnesota, 35,091 students took 56,942 exams. Almost 65 percent of those exams earned a score of three or higher. Scores of three or higher are most often recognized by colleges and universities and can provide the student with advanced academic standing or earned college credit. Below is an overview of the 2011 Minnesota AP test takers broken down by score, gender, and ethnicity.

2011 AP Overview Report

Total Students	Male Students	Female Students
35,091	16,052	19,039

2011 AP Overview AP Test Scores

AP Tests	Total	Score of 1	Score of 2	Score of 3	Score of 4	Score of 5	3+ %
Number of:	56,942	8,184	11,758	15,387	12,738	8,875	64.90%

2011 AP Overview of Gender

Gender	Total	Percent
Male	16,052	46
Female	19,039	54

2011 AP Overview of Ethnic Groups

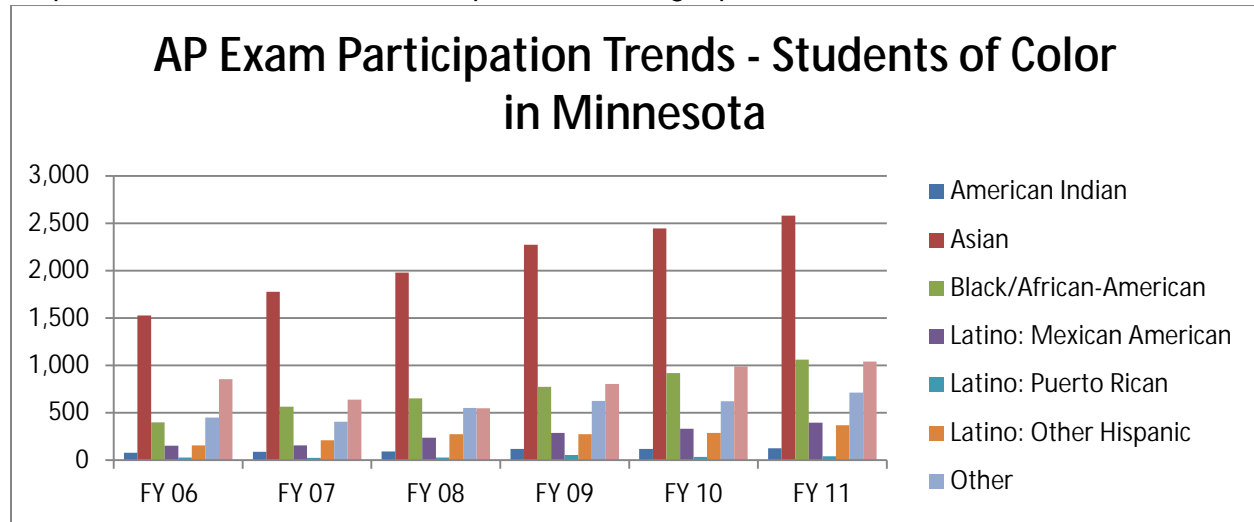
Ethnic Group	Total	%	Male	Female
American Indian/Alaskan	128	<1%	47	81
Asian	2,581	7%	1,199	1,382
African American/Black	1,061	3%	441	620
Mexican American	398	1%	201	197
Puerto Rican	41	<1%	18	23
Other Hispanic	371	1%	175	196
White	28,755	82%	13,204	15,551
Other ethnic group	714	2%	314	400
No response	1,042	3%	453	589

The following chart provides detailed information of growth in AP programs over the last six years. Each year there are increases in participation by students of color, low-income students, and non-public students. With this growth, the chart also shows that there is increased participation in teacher training opportunities as these programs grow.

Advanced Placement	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11
Schools Funded	273	284	324	240	256	262
Public Schools	233	235	276	197	210	217
Nonpublic Schools	40	49	48	43	46	41
Total AP Schools Testing	278	284	324	240	256	262
Total Students Taking Exams	22,469	25,988	27,605	30,392	32,541	35,091
Total Exams Taken	35,821	41,763	44,281	49,497	53,239	56,942
Students of Color	2,800	4,114	3,819	4,407	4,766	5,294

Advanced Placement	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11
Total Low Income Students	1,141	1,353	1,887	2,438	2,713	3,138
Total Low Income Exams	1,685	1,995	2,413	3,027	3,875	4,481
Nonpublic Students Testing	2,860	3,025	4,242	4,202	3,319	3,660
Nonpublic Exams Taken	4,690	4,965	7,123	5,814	5,619	6,040
Exams per Student	1.6	1.6	1.6	1.6	1.6	1.6
% of MN Scores 3 or above (Range 1-5)	64.80%	62.50%	63.50%	64.13%	64.10%	64.9%
% of National Scores 3 or above	59.60%	59.30%	57.79%	58.90%	58.00%	57.9%
Total Teacher Training	795	490	642	1,063	647	852
Carleton	215	144	248	252	253	267
Augsburg	244	321	360	194	28	141
Out-of-State	48	25	34	14	7	10
UM Midwest Regional Conference	288	337	605	603	359	434
Courses Offered	1,206	1,460	1,165	1,226	1,298	1504
New Courses Offered	125	137	*	*	*	80
Teachers	1,123	1,392	1,176	1,256	1,314	1,470

The table below is a demographic breakdown of student participation in AP in Minnesota over the last six years. The growth rate of Black students' participation in AP exams in Minnesota in 2011 was 15.3 percent which was higher than the national average. In 2011, the growth rate for Hispanic AP exam takers was 23.1 percent showing a positive increase.

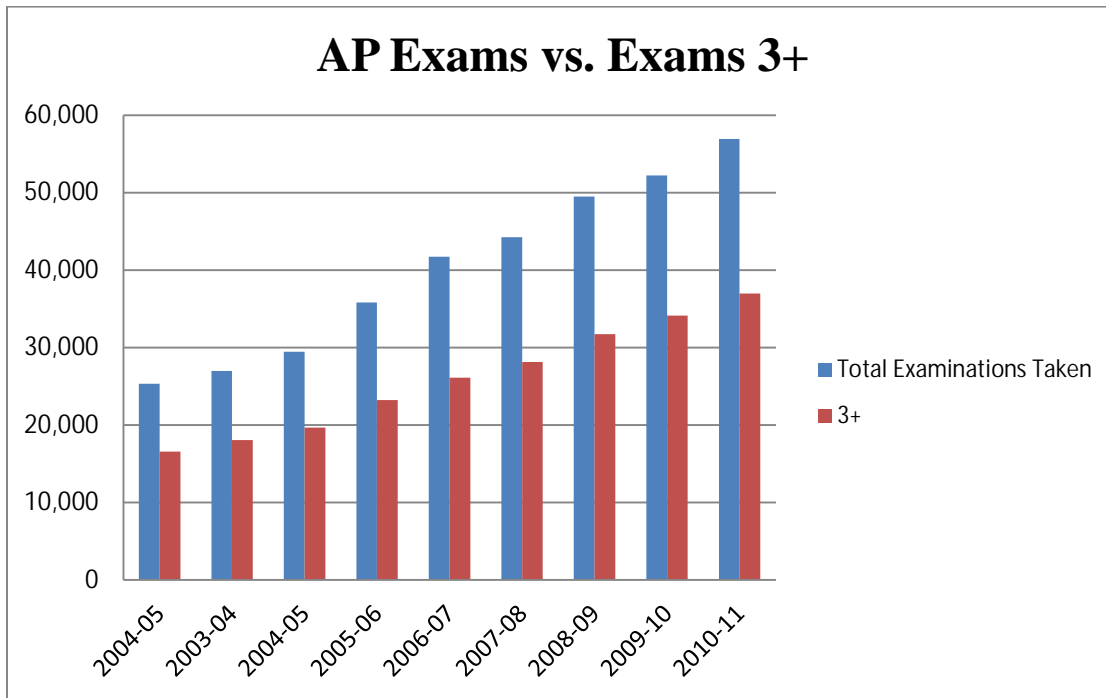


In the past six years, high schools in Minnesota have increased the number of students gaining access to and experiencing success in AP. The chart below details the number of exams taken by Minnesota students. Overall, more students are taking AP exams in Minnesota schools and the population of exam takers is increasingly diverse.

AP Student Demographics	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11
American Indian	79	89	92	119	120	128
Exams	126	118	131	172	164	182
Asian	1,528	1,778	1,979	2,272	2,446	2,581
Exams	2,701	2,986	3,531	4,198	4,591	4,915
Black/African-American	401	566	652	775	920	1,061
Exams	559	739	975	1,104	1,338	1,593
Latino: Mexican American	155	158	239	287	334	398
Exams	256	236	357	421	515	587
Latino: Puerto Rican	29	25	30	54	36	41
Exams	44	40	51	84	57	65
Latino: Other Hispanic	158	210	275	275	288	371
Exams	240	334	447	474	454	585
Other	450	406	552	625	622	714
Exams	780	716	899	1,038	1,065	1,253
Not Stated	857	639	550	804	990	1,042
Exams	1,581	1,002	471	1,264	1,669	1,496
White	18,812	19,293	23,236	25,181	26,785	28,755
Exams	29,534	30,599	37,040	40,742	43,386	46,266
Total Students	22,949	23,164	27,605	30,392	32,541	35,091
Total Exams	35,821	36,770	43,902	49,497	53,239	56,942

AP Exam Profile

Over the last several years there has been growth in AP Exam participation and students are also improving on how they perform on the exams. A score of three or higher can often translate into college credit once a student enters a postsecondary program. The data indicate annual increases in exam participation and score of three or higher.



The College Board data has shown improvement over time in the performance of low-income students on their exams. The chart below disaggregates the passing scores on exams by race and income level in 2011. Fee-Reduced (F/R) participants reflect those students who were identified as meeting the federal guidelines for free or reduced lunch.

2011 AP Scores 3+	F/R Test 3	F/R Test 4	F/R Test 5	F/R Total Tests	Non-F/R 3	Non-F/R 4	Non-F/R	Non-F/R Total Tests 5
American Indian	21	5	3	29	26	9	13	48
Asian	381	322	469	1172	519	524	625	1,668
Black/African-American	174	79	29	282	127	69	33	229
Latino: Mexican American	60	44	14	118	47	33	26	106
Latino: Puerto Rican	6	4	0	10	11	9	5	25
Latino: Other Hispanic	35	32	23	90	59	55	34	148

2011 AP Scores 3+	F/R Test 3	F/R Test 4	F/R Test 5	F/R Total Tests	Non- F/R 3	Non- F/R 4	Non- F/R	Non- F/R Total Tests 5
Other	154	159	125	438	104	80	62	246
Not Stated	133	67	55	255	218	155	95	468
White	4,507	3,750	2,309	10,566	6,813	5,680	3,965	16,458

Also, in 2011, 159 public school students self-identified as Limited-English proficient.

Advanced Placement Exam Participants	Limited-English Proficient
2005-06	119
2006-07	173
2007-08	177
2008-09	170
2009-10	186
2010-11	159

Minnesota International Baccalaureate Program Participation

In 2011, the number of students testing at the Diploma Program (DP) level has steadily increased to 2,602. These students took 5,402 exams. Minnesota students are scoring well and last year 64 percent of exams earned a score of four or better on a scale of one -seven. Students can elect to take individual IB courses or the full IB diploma. Attempting the diploma demonstrates a high desire on the part of Minnesota students to participate in challenging rigorous, learning opportunities that prepare them for college. In 2011, 173 Minnesota students earned the full IB diploma.

International Baccalaureate programs have experienced tremendous growth in Minnesota. Many school districts in Minnesota have been working hard on developing a K-12 IB continuum for students in their districts. South Saint Paul Public Schools as well as Fridley Public Schools have district-wide IB programs that serve all elementary and middle school students in those districts. The Diploma Program for high school juniors and seniors is a program students elect to participate in. Minneapolis Public Schools and Saint Paul Public Schools have also developed K-12 IB programs so that families can access the IB program throughout their child's education. IB programs continue to grow in Minnesota and as a result, Minnesota ranks 11th in number of IB schools in the US. In order to become an authorized IB school, a school or district must go through five specific steps including a feasibility study/strategic planning process, comprehensive schools changes to curriculum, instruction, and professional development that occurs during the two step application process from Applicant to Candidate status. After this has been completed, schools undergo a site visit from the IB Americas. After a successful visit, the school then achieves the Authorized IB World School status. Follow up visits are required to maintain their IB authorization.

The IB programs in Minnesota also have experienced growth each year in the numbers of students of color and low-income students taking IB exams. This chart provides a profile of the IB landscape in Minnesota. A complete list of IB schools is provided at the end of this report.

International Baccalaureate	FY 07	FY 08	FY 09	FY 10	FY 11
Schools Funded	29	36	59	58	65
Diploma (DP)	12	14	20	20	21
Middle Years Program (MYP)	9	13	21	19	22
Primary Years Program (PYP)	8	9	18	19	22
Total Funded DP Schools Testing	12	14	13	19	19
Total Students Taking Exams	1,642	1,871	2,196	2,330	2,602
Total Exams Taken	3,410	3,932	4,549	4,970	5,402
Students of Color (DP)	481	523	668	768	932
Low-Income Students (DP)	361	379	498	617	767
Low-Income Exams (DP)	753	795	1,050	1,371	1,578
Exams per Student (DP)	2.3	2.3	2.1	2.2	2.3
% of Minnesota Scores 4 or above (Range 1-7)	67%	66%	63%	64%	63.63%
% of National Scores 4 or above		81%	80%	80%	71.40%
Diplomas Earned	129	158	157	144	173
Diploma Pass Rate (US)	*	*	67%	64%	66.91%
Total Teacher Training	531	403	820	1,018	1,294
Out-of-State	341	285	579	514	305
Minnesota	190	118	221	490	483
Online Training			20	14	22
Support Programs					484

The following is a demographic breakdown of participation of Diploma Program students who tested over the last five years. All groups listed experienced an increase in participation in IB exams except for American Indian students who experienced a slight decrease from 17 in 2010 to 13 in 2011.

IB Student Demographics	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11
American Indian	5	5	3	3	17	13
Exams	11	10	6	9	34	28
Asian/Pacific Islander	222	271	311	379	406	456
Exams	391	553	611	754	946	898
Black/Non-Hispanic	107	116	118	176	201	240
Exams	174	202	196	306	368	450
Hispanic	32	55	57	87	93	141
Exams	49	94	101	137	186	258
Other	29	34	34	22	50	82
Exams	70	93	67	45	86	160
Not Stated	174		2	1	0	1
Exams	316		2	5	0	0
White/Non-Hispanic	909	1,161	1,346	1,528	1,561	1,669
Exams	2,060	2,458	3,024	3,293	3,350	3,608
Total Students	1,478	1,642	1,871	2,196	2,328	2,602
Total Exams	3,071	3,410	4,007	4,549	4,970	5,402

International Baccalaureate data has shown improvement over time in the performance of low-income students on their exams. The chart below disaggregates the passing scores on exams by race and income level in 2011. Low-income participants reflect those students who were identified as meeting the federal guidelines for free or reduced lunch.

Race Ethnicity/Score	4	5	6	7	Total	4	5	6	7	Total
White/Non-Hispanic	52	53	31	3	139	970	892	376	60	2,298
Asian/Pacific Islander	164	65	10	3	242	71	49	19	0	139
Hispanic	38	19	24	6	87	29	22	5	0	56
Black/Non-Hispanic	83	25	6	0	114	47	18	3	0	68
American Indian/Alaska Native	6	2	0	0	8	4	2	2	0	8
Other	13	12	1	0	26	24	20	16	2	62
Total					616					2,631

Program Costs and Expenditures

In 2011 AP Teacher Scholarships were available at a rate of \$700 for in-state teacher training and up to \$1,000 for out-of-state training. Scholarships subsidize costs related to tuition, travel, room and board for AP teachers who attended training. The following criteria are used to determine out-of-state travel for AP: (1) training was not available in Minnesota or (2) dates at Carleton or Augsburg were not feasible for participants.

International Baccalaureate teacher training in 2011 was offered both in-state and out of state. In-state support programs and workshops were offered in Minnesota through the Minnesota Association of IB World Schools. A total of 1,294 teachers attended various types of professional development of which 305 teachers attended in-depth out-of state training.

AP Exam fees were subsidized at a rate of \$57 per student, per exam for students of low-income families applying for fee reductions that are provided by the College Board. Other students were subsidized at a rate of \$57 per student, per exam. Schools use free and reduced price lunch eligibility as the criteria for determining low-income students that qualify for the fee reduction. The College Board provided the \$22 fee reduction and the school is expected to waive the \$8 fee for students. AP exam fees totaled \$2,482,379 for 35,432 students taking 55,388 exams and IB exams fees totaled \$577,600 for 2,602 students taking 5,402 exams. This funding covered the partial cost of AP and IB exams for non-low-income students and 100 percent of the cost for students who qualified under the federal guidelines for eligibility for free or reduced lunch.

IB Exam fee subsidies for low-income students (based on eligibility for free or reduced-price lunch) were subsidized at the full cost of \$237 for the first exam and full cost of \$96 for each additional exam per student. All other student exams were funded at \$150 for the first exam and \$50 for each additional exam.

The payment schedule for exams has varied over time. The state reimburses all AP and IB schools for exams and teacher training after exams have been ordered and teacher training has been completed. Schools submit a copy of their invoice for exams and application for reimbursement to MDE. The budget for FY 2011 was \$4,500,000. Actual expenditures for exams and teacher training for AP were \$3,305,288 and \$1,154,209 for IB, bringing the total expenditures for FY 2011 to \$4,459,497.

The following chart provides a breakdown of the combined expenditures for both programs. It is clear that as more students participate and take more AP and IB exams, the fixed allocations have less impact.

AP and IB Program Allocations and Combined Expenditures	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11
AP and IB Program Allocations	4.5M	4.5M	4.5M	4.5M	4.5M	4.5M
Teacher Training	580.6K	\$678,355	\$803,890	\$1,030,406	\$798,394	\$980,384
Student Exam Subsidies	2,461.6K	\$3,548,687	\$2,726,408	\$3,670,955	\$3,316,686	\$3,363,533
Support Programs	58.2K	\$71,308	\$105,875	\$129,930	\$81,280	\$115,580
AP and IB Combined Total Expenditures	3,100.4K	\$4,298,350	\$3,636,173	\$4,831,291	\$4,177,905	\$4,459,497

The chart below outlines AP program expenditures and exam costs from 2006-2011. As AP programs grow across the state, the demand for teacher training has increased.

AP Program Expenditures	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11
Public Teacher Training	\$322,183	\$216,949	\$367,900	\$284,850	\$182,200	\$400,405
Nonpublic Teacher Training	\$25,558	\$15,102	\$32,350	\$24,650	\$20,400	\$43,000
Support Programs U of M	\$46,616	\$58,300	\$105,875	\$105,525	62,825	\$75,950
Total Expenditures	\$2,506,117	\$3,389,227	\$2,722,601	\$3,543,239	\$3,057,345	\$3,305,288
AP Exam Cost	\$82	\$83	\$84	\$86	\$87	\$87
Minnesota Payment per Exam	\$60	\$75	\$50	\$56	\$50	\$50
Low-income Payment per Exam*	\$74	\$75	\$76	\$56	\$57	\$57
Public Exam Subsidies	\$1,831,976	\$2,730,510	\$1,948,030	\$2,752,545	\$2,474,600	\$2,482,379
Nonpublic Exam Subsidies	\$279,784	\$368,371	\$268,446	\$375,669	\$317,320	\$303,554

Below is a breakdown of expenditures for teacher training and exams for the International Baccalaureate programs in Minnesota. The training is divided by program type including the Diploma Program (DP), the Middle Years Program (MYP), and Primary Years Program (PYP).

International Baccalaureate Expenditures	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11
Teacher Training – DP	\$133,006	\$113,300	\$129,590	\$197,793	\$209,850	\$166,022
Teacher Training – MYP	\$46,200	\$118,152	\$121,350	\$335,541	\$247,039	\$238,550
Teacher Training – PYP	\$53,652	\$214,857	\$152,700	\$187,572	\$138,905	\$132,407
Total Teacher Training for IB	\$232,858	\$446,309	\$403,640	\$720,906	\$595,794	\$536,979
Support Programs	\$11,554	\$13,008	**	\$24,405	\$18,455	\$39,630
IB Exam Cost per First/Second Exam	\$195/58	\$202/\$60	\$207/\$84	\$217/\$88	\$227/\$92	\$237/\$96
Minnesota Payment per First/Second Exam	\$160/53	\$202/\$60	\$175/\$75	\$155/\$55	\$145/\$45	\$150/\$50
Low-income First/Second Exam Payment	\$195/58	\$202/\$60	\$207/\$84	\$217/\$88	\$227/\$92	\$237/\$96
Student Exam Subsidies – DP	\$349,873	\$449,806	\$512,932	\$542,741	\$524,766	\$577,600
Total Expenditure	\$594,285	\$909,123	\$916,572	\$1,288,052	\$1,120,560	\$1,154,209

** Funding was dedicated to exams and authorized training for FY 08 for IB.

College Credits and Policies

Participating colleges in more than 30 countries receive AP grades and grant credit or appropriate placement to students who have done well on AP examinations. The IB Diploma is accepted as an admissions credential at more than 1,000 North American Colleges and in more than 100 countries.

More than 90 percent of U.S. colleges and universities have an AP and IB policy granting incoming students academic credit, placement or both, for qualifying grades on AP or IB exams. Most public and private institutions in Minnesota have AP and IB credit policies. These courses are equivalent to college freshman level courses and with enough qualifying grades, students often enter college with a sophomore level standing. As articulated in Minnesota Statutes §120B.13, Subd. 3a,

“The colleges and universities of the Minnesota State Colleges and Universities system must award, and the University of Minnesota and private postsecondary institutions are encouraged to award, college credit to high school students who receive a score of three or higher on an advanced placement or four or higher on the international baccalaureate program examination.”

Minnesota State Colleges and Universities (MnSCU) have adopted a policy establishing common practices among higher education institutions for awarding credit for scores of 3-5 in AP and scores of four-seven in IB. In Minnesota, 61 colleges and universities acknowledge Advanced Placement exam scores and 47 colleges and universities acknowledge International Baccalaureate exam scores. Large numbers of Minnesota high school graduates who participate in the AP and IB Programs are attending colleges out of state.

Administration

The Minnesota Department of Education is responsible for the administration of AP and IB program components as funded by legislation. The intent of the legislated funding is to assist public and non-public students in paying for AP and IB exam fees. This involves development of a fee schedule for payment of all or a portion of the exam fee for all students and the entire fee for students of low-income families.

MDE Staff Responsibilities:

- Communicate opportunities for exam fee subsidies to all Minnesota schools and students;
- Gather data from individual public and non-public schools regarding their AP and IB programs, including the number of students tested, exams taken, courses offered and teachers teaching an AP or IB course;
- Work with the College Board to create invoice forms for payment of AP fees;
- Work with the public and non-public schools to pay for exam fees for all AP and IB exams; and,
- Prepare documentation to provide direct payment of exam subsidies to AP and IB districts.
- Consult and coordinate with the Minnesota Advanced Placement Advisory Council and the College Board to create training programs.
- Consult and coordinate with the Minnesota Association of IB World Schools (MAIB) and the International Baccalaureate of the Americas (IBA) to identify training sites and direct teachers to the appropriate levels.
- Assist in the development, promotion and evaluation of the teacher trainings.
- Work with the College Board and MAIB to support teachers and provide follow-up to training experiences.
- Process reimbursements for out-of-state and in-state training opportunities attended by educators.
- Process reimbursements to school districts for student exam fees.
- Prepare and maintain the AP and IB budgets;
- Prepare annual reports to the legislature and respond to legislative inquiries;
- Work with Minnesota public and private universities and colleges to prepare credit policies for courses earned through Advanced Placement and International Baccalaureate Exams;

- Provide information and present at conferences about these programs to groups of interested parents, educators and students;
- Respond to phone and e-mail requests from program coordinators, teachers, parents and students;
- Communicate regularly with AP and IB coordinators regarding program information, program start-up, application processes and payments to their school or district; and,
- Gather and report data to the media, higher education, secondary schools, and other organizations regarding student participation in AP and IB programs.

Legislative appropriation has provided critical support for these programs. Projecting for 2011 and beyond, the exponential growth and increasing number of students engaged in both AP and IB will be difficult to maintain if the appropriations for these programs remains flat. The amount available for individual exam reimbursements will decrease as the number of student exams increases.

Recommendations

As the AP and IB Programs in Minnesota continue to expand, there is an ongoing need to provide challenging learning opportunities for all learners; to support teachers delivering this level of program rigor; and to encourage schools to initiate and/or expand AP and IB programs. Challenging, rigorous learning opportunities are essential to preparing students for success in postsecondary institutions and developing an international perspective. State accountability requires public reporting for student achievement, but in addition, Minnesota is reporting advanced academic opportunities, including AP and IB course information.

Specific recommendations for enhancing AP and IB programs in Minnesota include:

- Maintain and potentially increase legislative support for student exams and teacher training;
- Continue MDE's working relationship with the College Board and International Baccalaureate Organization;
- Increase access to AP courses among students in rural communities;
- Address specific needs of disadvantaged and underrepresented students;
- Foster growth in Pre-AP and IB middle year and primary year programs;
- Increase offerings that prepare teachers for delivering rigorous courses;
- Support the development and expansion of AP and IB online courses;
- Increase teacher training opportunities to build AP and IB capacity in schools.
- Focus on increased student achievement and access to both programs.

Minnesota schools have demonstrated that the AP and IB curriculum have raised expectations for all students within a given school system. Teachers who participate in AP and IB report that their involvement in these programs has brought a honing of their instructional skills, an infusion

of rigor in their classes, and professional renewal and growth that is highly beneficial to their students.

The expansion of pre-AP programs and growth in number of IB Middle Year Program and Primary Year Program schools demonstrates the value districts, as well as individual schools, are placing on providing rigor in the early years to prepare students to successfully engage in AP and IB in high school and attain their postsecondary goals.

In short, the entire educational community benefits with the adoption of AP and IB curriculum. No more valid testament of the force of AP and IB in Minnesota schools exists than the tremendous growth in student participation that followed the legislative initiatives addressing financial barriers for teacher training and student exam fees. The legislature's action in appropriating funding provided the educational opportunity and Minnesota students have responded by accepting the challenge of the acknowledged world class educational experience found in the AP and IB courses.

Appendix A

Advanced Placement and International Baccalaureate Programs Legislation and Appropriations

Minnesota Statutes 120B.13, Article 2

Sec. 13. Minnesota Statutes 2011, section 120B.13, subdivision 1, is amended to read:

120B.13 ADVANCED PLACEMENT AND INTERNATIONAL BACCALAUREATE PROGRAMS

Subdivision 1. Program structure; training programs for teachers.

(a) The advanced placement and international baccalaureate programs are well-established academic programs for mature, academically directed high school students. These programs, in addition to providing academic rigor, offer sound curricular design, accountability, comprehensive external assessment, feedback to students and teachers, and the opportunity for high school students to compete academically on a global level. Advanced placement and international baccalaureate programs allow students to leave high school with the academic skills and self-confidence to succeed in college and beyond. The advanced placement and international baccalaureate programs help provide Minnesota students with world-class educational opportunity.

(b) Critical to schools' educational success is ongoing advanced placement/international baccalaureate-approved teacher training. A secondary teacher assigned by a district to teach an advanced placement or international baccalaureate course or other interested educator may participate in a training program offered by The College Board or International Baccalaureate North America, Inc. The state may pay a portion of the tuition, room, board, and out-of-state travel costs a teacher or other interested educator incurs in participating in a training program. The commissioner shall determine application procedures and deadlines, select teachers and other interested educators to participate in the training program, and determine the payment process and amount of the subsidy. The procedures determined by the commissioner shall, to the extent possible, ensure that advanced placement and international baccalaureate courses become available in all parts of the state and that a variety of course offerings are available in school districts. This subdivision does not prevent teacher or other interested educator participation in training programs offered by The College Board or International Baccalaureate North America, Inc., when tuition is paid by a source other than the state.

Subd. 2. Support programs.

The commissioner shall provide support programs during the school year for teachers who attended the training programs and teachers experienced in teaching advanced placement or international baccalaureate courses. The support programs shall provide teachers with opportunities to share instructional ideas with other teachers. The state may pay the costs of participating in the support programs, including substitute teachers, if necessary, and program affiliation costs.

Subd. 3. Subsidy for examination fees.

The state may pay all or part of the fee for advanced placement or international baccalaureate examinations. The commissioner shall pay all examination fees for all public and nonpublic students of low-income families, as defined by the commissioner, and to the limit of the available appropriation, shall also pay a portion or all of the examination fees for other public and nonpublic students sitting for an advanced placement examination, international baccalaureate examination, or both. The commissioner shall determine procedures for state payments of fees.

Subd. 3a. College credit.

The colleges and universities of the Minnesota State Colleges and Universities system must award, and the University of Minnesota and private postsecondary institutions are encouraged to award, college credit to high school students who receive a score of three or higher on an advanced placement or four or higher on the international baccalaureate program examination.

Subd. 4. Information.

The commissioner shall submit the following information to the education committees of the legislature each year by February 1:

- (1) the number of pupils enrolled in advanced placement and international baccalaureate courses in each school district;
- (2) the number of teachers in each district attending training programs offered by the college board or International Baccalaureate North America, Inc.;
- (3) the number of teachers in each district participating in support programs;
- (4) recent trends in the field of advanced placement and international baccalaureate programs;
- (5) expenditures for each category in this section; and
- (6) other recommendations for the state program.

Appropriations

Session Laws 2011, 87th Legislature, 2011 1st Special Session chapter 11, article 2, section 50, subdivision 12

Subd. 12. Examination fees; teacher training and support programs. (a) For students' advanced placement and international baccalaureate examination fees under Minnesota Statutes, section 120B.13, subdivision 3, and the training and related costs for teachers and other interested educators under Minnesota Statutes, section 120B.13, subdivision 1:

\$4,500,000	2012
\$4,500,000	2013

(b) The advanced placement program shall receive 75 percent of the appropriation each year and the international baccalaureate program shall receive 25 percent of the appropriation each year. The department, in consultation with representatives of the advanced placement and international baccalaureate programs selected by the Advanced Placement Advisory Council and IBMN, respectively, shall determine the amounts of the expenditures each year for examination fees and training and support programs for each program.

(c) Notwithstanding Minnesota Statutes, section 120B.13, subdivision 1, at least \$500,000 each year is for teachers to attend subject matter summer training programs and follow-up support workshops approved by the advanced placement or international baccalaureate programs. The amount of the subsidy for each teacher attending an advanced placement or international baccalaureate summer training program or workshop shall be the same. The commissioner shall determine the payment process and the amount of the subsidy.

(d) The commissioner shall pay all examination fees for all students of low-income families under Minnesota Statutes, section 120B.13, subdivision 3, and to the extent of available appropriations shall also pay examination fees for students sitting for an advanced placement examination, international baccalaureate examination, or both. Any balance in the first year does not cancel but is available in the second year.

Appendix B

Advanced Placement FY 11 Public Schools

Advanced Placement Minnesota Public Schools	Total Cost	AP	AP	Teacher	Grand
DISTRICT/School	of Exams	Teachers	Courses	Training	Total
Agricultural and Food Science Academy	\$564.00	2	2	\$0	\$564
Albert Lea	\$450.00	4	4	\$1,050	\$1,500
Alden-Conger	\$357.00	1	2	\$0	\$357
Alexandria - Jefferson HS	\$6,013.00	6	6	\$1,050	\$7,063
Anoka - Andover	\$30,260.00	13	13	\$2,100	\$32,360
Anoka - Anoka HS	\$13,806.00	12	10	\$4,200	\$18,006
Anoka - Blaine	\$22,363.00	18	16	\$1,050	\$23,413
Anoka - Champlin Park	\$26,562.00	10	9	\$0	\$26,562
Anoka - Coon Rapids	\$13,982.00	16	14	\$5,250	\$19,232
Austin High School	\$8,826.00	7	7	\$0	\$8,826
Bagley	\$2,692.00	3	3	\$0	\$2,692
Barnesville HS	\$2,049.00	2	2	\$0	\$2,049
Becker	\$2,007.00	1	2	\$1,050	\$3,057
Belle Plaine	\$307.00	1	1	\$0	\$307
Bemidji	\$17,339.00	9	10	\$0	\$17,339
Big Lake HS	\$3,049.00	1	1	\$0	\$3,049
Blackduck #32 - Blackduck HS	\$2,327.00	3	3	\$3,150	\$5,477
Bloomington - Jefferson/Kennedy	\$34,306.00	15	15	\$11,550	\$45,856
Blue Earth	\$1,000.00	3	3	\$0	\$1,000
BOLD High School	\$50.00	1	3	\$0	\$50
Braham - ISD 314	\$1,014.00	0	0	\$0	\$1,014
Brainerd	\$25,384.00	10	11	\$4,200	\$29,584
Buffalo High School	\$6,613.00	4	4	\$1,050	\$7,663
Burnsville HS	\$22,291.00	19	11	\$3,150	\$25,441
Byron	\$2,300.00	3	3	\$0	\$2,300
Cambridge - ISD 911	\$11,338.00	6	5	\$0	\$11,338
Cannon Falls	\$6,147.00	6	6	\$3,150	\$9,297
Cass Lake Bena - ISD # 115	\$0.00	0	0	\$1,050	\$1,050
Cedar Mountain High School	\$364.00	1	1	\$1,050	\$1,414
Centennial	\$27,950.00	12	11	\$1,050	\$29,000
Chaska - Chanhassen HS	\$56,508.00	18	19	\$24,625	\$81,133
Chisago Lakes	\$6,462.00	3	3	\$1,050	\$7,512
Clearbrook-Gonvick - ISD #2311	\$300.00	**	**	\$0	\$300
Cleveland - ISD # 391	\$0.00	1	0	\$1,050	\$1,050
Columbia Heights	\$11,528.00	**	**	\$0	\$11,528
Cook County - ISD # 166	\$0.00	**	**	\$1,050	\$1,050
Crookston	\$1,450.00	2	3	\$2,100	\$3,550
Crosswinds Art & Science Charter 6067	\$0.00	**	**	\$1,050	\$1,050
Dassel-Cokato ISD # 466	\$5,691.00	**	**	\$0	\$5,691
Deer River High School ISD # 317	\$0.00	1	1	\$0	\$0
Delano - ISD # 879	\$3,400.00	2	2	\$0	\$3,400
Detroit Lakes	\$11,598.00	10	12	\$1,050	\$12,648

Advanced Placement Minnesota Public Schools	Total Cost	AP	AP	Teacher	Grand
DISTRICT/School	of Exams	Teachers	Courses	Training	Total
Duluth - Central	\$11,650.00	6	5	\$1,050	\$12,700
Duluth - East	\$13,700.00	6	5	\$3,150	\$16,850
Duluth - Harbor City International School	\$0.00	0	0	\$0	\$0
Eagle Ridge Academy Charter 4122	\$550.00	0	0	\$0	\$550
Eden Prairie High School	\$83,423.00	20	13	\$4,200	\$87,623
Edina	\$106,181.00	33	26	\$7,350	\$113,531
Elk River - Elk River HS	\$25,001.00	12	15	\$3,150	\$28,151
Elk River - Rogers HS	\$19,945.00	11	10	\$0	\$19,945
Elk River - Zimmerman HS	\$4,184.00	7	7	\$1,050	\$5,234
Esko - Lincoln Secondary	\$500.00	1	1	\$0	\$500
Fairmont	\$7,354.00	8	8	\$1,525	\$8,879
Faribault	\$4,457.00	4	4	\$0	\$4,457
Farmington	\$15,789.00	8	8	\$2,100	\$17,889
Fergus Falls - Kennedy	\$2,800.00	5	5	\$0	\$2,800
Fillmore Central	\$750.00	**	**	\$0	\$750
Fisher HS,	\$550.00	1	1	\$0	\$550
Forest Lake HS	\$22,029.00	10	9	\$2,100	\$24,129
Fridley	\$107.00	0	0	\$0	\$107
Gibbon-Fairfax-Winthrop - ISD # 2365	\$2,263.00	4	4	\$0	\$2,263
Goodhue	\$1,014.00	2	2	\$0	\$1,014
Grand Meadow ISD #495	\$250.00	1	1	\$0	\$250
Grand Rapids - Bigfork HS	\$1,020.00	1	2	\$0	\$1,020
Greenway ISD 316	\$1,542.00	2	2	\$1,050	\$2,592
Harbor City International Charter 4085	\$0.00	**	**	\$5,250	\$5,250
Hastings	\$13,677.00	**	**	\$4,200	\$17,877
Hawley	\$1,957.00	2	2	\$0	\$1,957
Heron Lake-Okabena	\$528.00	1	2	\$0	\$528
Hinckley-Finlayson	\$1,150.00	1	2	\$0	\$1,150
Hmong Academy	\$2,067.00	3	3	\$0	\$2,067
Hopkins HS	\$38,659.00	20	15	\$2,100	\$40,759
Houston - Houston HS	\$2,027.00	3	3	\$0	\$2,027
Howard Lake-Waverly-Winsted	\$4,149.00	3	4	\$3,150	\$7,299
Hutchinson	\$5,800.00	6	6	\$0	\$5,800
International Falls HS	\$2,100.00	2	2	\$0	\$2,100
Inver Grove Heights - Simley HS	\$25,871.00	10	13	\$1,050	\$26,921
Jordan	\$1,000.00	2	2	\$1,050	\$2,050
Kasson-Mantorville ISD # 204	\$1,600.00	**	**	\$2,100	\$3,700
Kenyon-Wanamingo	\$3,464.00	33	7	\$1,050	\$4,514
KMS Kerkhoven-Murdock-Sunburg	\$3,220.00	5	5	\$4,200	\$7,420
Kingsland	\$1,578.00	**	**	\$0	\$1,578
LA Crescent	\$3,050.00	3	3	\$0	\$3,050
Lake City - Lincoln HS	\$7,519.00	9	9	\$1,050	\$8,569
Lake Park Audubon	\$1,178.00	2	2	\$0	\$1,178
Lake of the Woods	\$3,677.00	4	4	\$2,100	\$5,777
Lakeville - Lakeville North HS	\$52,691.00	18	21	\$2,100	\$54,791
Lakeville - Lakeville South HS	\$42,635.00	0	21	\$1,050	\$43,685
LeSueur-Henderson High School	\$0.00	1	1	\$0	\$0

Advanced Placement Minnesota Public Schools	Total Cost	AP	AP	Teacher	Grand
DISTRICT/School	of Exams	Teachers	Courses	Training	Total
Lewiston - Altura	\$2,178.00	**	**	\$0	\$2,178
Lighthouse Academy Charter 4131	\$0.00	**	**	\$3,150	\$3,150
Litchfield - ISD # 465	\$3,550.00	3	3	\$1,050	\$4,600
Long Prairie-Grey Eagle	\$7,693.00	5	8	\$0	\$7,693
Luverne	\$1,500.00	**	**	\$0	\$1,500
Mabel Canton - Mable Canton HS	\$400.00	**	**	\$1,050	\$1,450
Mahtomedi	\$30,650.00	16	12	\$3,100	\$33,750
Main Street Center for Arts	\$3,685.00	5	5	\$2,100	\$5,785
Mankato ISD #77	\$13,029.00	9	10	\$9,450	\$22,479
Maple River School District # 2135	\$0.00	1	1	\$0	\$0
Marshall	\$5,384.00	6	6	\$3,150	\$8,534
Math and Science Academy	\$1,750.00	2	2	\$0	\$1,750
Medford	\$814.00	3	3	\$0	\$814
Mesabi East HS	\$214.00	1	1	\$0	\$214
Minneapolis - Edison	\$1,226.00	4	4	\$1,050	\$2,276
Minneapolis - North	\$2,616.00	8	8	\$0	\$2,616
Minneapolis - Patrick Henry	\$0.00	0	2	\$6,300	\$6,300
Minneapolis - Roosevelt	\$1,647.00	5	5	\$0	\$1,647
Minneapolis - South	\$55,401.00	19	11	\$11,550	\$66,951
Minneapolis - Southwest	\$37,129.00	14	9	\$1,050	\$38,179
Minneapolis - Washburn	\$4,199.00	3	3	\$0	\$4,199
Minneota High School	\$1,178.00	1	1	\$0	\$1,178
Minnetonka	\$72,365.00	28	21	\$19,950	\$92,315
Minnewaska	\$1,642.00	2	2	\$0	\$1,642
Montevideo	\$5,669.00	5	5	\$0	\$5,669
Montgomery-Lonsdale	\$978.00	1	1	\$0	\$978
Monticello	\$9,098.00	5	5	\$1,050	\$10,148
Moorhead	\$34,656.00	11	14	\$2,100	\$36,756
Mound Westonka	\$9,854.00	9	9	\$2,100	\$11,954
Mounds View - Irondale HS	\$39,866.00	18	16	\$8,400	\$48,266
Mounds View - Mounds View HS	\$37,897.00	**	**	\$6,300	\$44,197
New London Spicer - ISD # 345	\$3,413.00	4	4	\$0	\$3,413
New Prague	\$3,357.00	2	2	\$0	\$3,357
New Ulm	\$5,421.00	5	5	\$0	\$5,421
Norman County West #2527	\$371.00	1	1	\$0	\$371
North Branch	\$1,321.00	1	1	\$0	\$1,321
North St. Paul - North High	\$27,250.00	11	10	\$0	\$27,250
North St. Paul - Tartan	\$20,700.00	10	14	\$2,100	\$22,800
Northfield	\$17,000.00	16	16	\$0	\$17,000
Norwood - Central HS	\$2,764.00	4	4	\$3,814	\$6,578
Ogilvie High School	\$0.00	0	0	\$1,050	\$1,050
Orono	\$25,128.00	**	**	\$3,100	\$28,228
Osseo- Brooklyn Jr. HS	\$1,371.00	1	1	\$1,050	\$2,421
Osseo - Maple Grove HS	\$24,406.00	14	12	\$8,400	\$32,806
Osseo - Osseo	\$20,874.00	12	10	\$8,400	\$29,274
Osseo - Park Center	\$3,054.00	3	3	\$1,050	\$4,104
Owatonna	\$16,400.00	17	28	\$4,200	\$20,600

Advanced Placement Minnesota Public Schools	Total Cost	AP	AP	Teacher	Grand
DISTRICT/School	of Exams	Teachers	Courses	Training	Total
Park Rapids	\$450.00	1	11	\$0	\$450
Pelican Rapids HS	\$1,278.00	3	3	\$0	\$1,278
Perham - ISD # 549	\$2,506.00	2	2	\$0	\$2,506
Perpich Center for Arts Education	\$3,392.00	6	5	\$0	\$3,392
Pine City	\$3,350.00	12	43	\$0	\$3,350
Pine Island - ISD # 255	\$1,964.00	**	**	\$0	\$1,964
Pine River-Backus High School	\$892.00	2	2	\$0	\$892
Pipestone	\$2,228.00	3	4	\$0	\$2,228
Plainview-Elgin-Millville	\$0.00	3	3	\$0	\$0
Princeton - ISD # 477	\$457.00	**	**	\$0	\$457
Prior Lake - Savage HS	\$37,527.00	12	11	\$1,050	\$38,577
Red Rock Central Sec.	\$1,713.00	2	2	\$0	\$1,713
Red Wing	\$15,219.00	7	8	\$3,150	\$18,369
Redwood Valley HS	\$2,249.00	5	5	\$1,050	\$3,299
Richfield	\$9,331.00	6	6	\$0	\$9,331
Robbinsdale - Armstrong	\$62,595.00	**	**	\$6,300	\$68,895
Robbinsdale - Cooper	\$1,100.00	1	1	\$3,150	\$4,250
Rochester - Century	\$38,892.00	**	**	\$1,050	\$39,942
Rochester - John Marshall	\$25,056.00	13	11	\$1,050	\$26,106
Rochester - Mayo	\$26,307.00	12	11	\$3,150	\$29,457
Rockford high School	\$4,364.00	2	2	\$0	\$4,364
Rosemount - Apple Valley	\$20,250.00	13	12	\$1,050	\$21,300
Rosemount - Eagan	\$40,350.00	13	10	\$1,050	\$41,400
Rosemount - Eastview	\$54,700.00	17	18	\$5,250	\$59,950
Rosemount - Rosemount	\$33,555.00	16	16	\$1,050	\$34,605
Rosemount - Environ. Studies	\$7,099.00	15	9	\$1,050	\$8,149
Roseville - Roseville HS	\$35,920.00	13	12	\$5,250	\$41,170
Royalton - ISD # 485	\$50.00	1	4	\$2,100	\$2,150
RTR Schools	\$457.00	1	4	\$0	\$457
Rushford-Peterson	\$971.00	3	3	\$0	\$971
Sartell-St. Stephen School # 748	\$4,500.00	4	4	\$15,750	\$20,250
Sauk Center	\$57.00	7	7	\$0	\$57
Sauk Rapids-Rice	\$11,251.00	7	7	\$0	\$11,251
Shakopee HS	\$6,697.00	4	4	\$4,200	\$10,897
Sleepy Eye High School	\$250.00	1	1	\$1,050	\$1,300
South Koochiching - ISD # 363	\$0.00	**	**	\$1,050	\$1,050
So Washington County - East Ridge	\$29,062.00	14	14	\$3,150	\$32,212
So Washington County - Park HS	\$0.00	9	9	\$2,100	\$2,100
So Washington County - Woodbury HS	\$46,157.00	20	15	\$7,350	\$53,507
Spectrum HS - Charter	\$2,400.00	2	4	\$1,050	\$3,450
Spring Grove	\$1,321.00	**	**	\$1,050	\$2,371
Spring Lake Park	\$25,217.00	20	17	\$1,050	\$26,267
St. Anthony-New Brighton ISD # 282	\$0.00	**	**	\$1,050	\$1,050
St. Charles	\$0.00	4	4	\$0	\$0
St. Cloud - Apollo	\$21,591.00	12	12	\$5,250	\$26,841
St. Cloud - Technical HS	\$31,328.00	11	15	\$3,150	\$34,478
St. Louis Park	\$39,182.00	13	8	\$4,200	\$43,382

Advanced Placement Minnesota Public Schools	Total Cost	AP	AP	Teacher	Grand
DISTRICT/School	of Exams	Teachers	Courses	Training	Total
St. Michael-Albertville	\$7,221.00	7	6	\$1,050	\$8,271
St. Paul - Central	\$39,059.00	12	12	\$2,100	\$41,159
St. Paul - Como	\$31,952.00	16	20	\$8,400	\$40,352
St. Paul - Creative Arts	\$150.00	4	4	\$0	\$150
St. Paul - Humboldt	\$4,312.00	4	4	\$0	\$4,312
St. Paul - Johnson	\$8,026.00	**	**	\$6,300	\$14,326
St. Paul - Open School	\$1,876.00	2	2	\$0	\$1,876
St. Paul - Washington Tech Magnet	\$1,112.00	1	1	\$1,050	\$2,162
St. Peter - ISD # 508	\$3,750.00	7	9	\$0	\$3,750
Stewartville - ISD # 534	\$2,135.00	2	2	\$0	\$2,135
Stillwater - ISD # 834	\$63,910.00	19	15	\$11,550	\$75,460
Thief River Falls - ISD # 564 Lincoln HS	\$2,334.00	4	4	\$0	\$2,334
Tracy HS	\$3,697.00	5	5	\$1,050	\$4,747
TrekNorth	\$2,854.00	6	8	\$11,441	\$14,295
Triton HS - ISD # 2125	\$1,300.00	0	0	\$1,050	\$2,350
Twin Cities Academy	\$671.00	3	4	\$0	\$671
Virginia HS - ISD # 706	\$821.00	1	1	\$1,050	\$1,871
Wabasha-Kellogg	\$1,114.00	3	3	\$1,050	\$2,164
Wabasso - ISD # 650	\$3,098.00	**	**	\$0	\$3,098
Waconia	\$6,878.00	**	10	\$0	\$6,878
Warren/Alvarado/Oslo Charter 2176	\$0.00	**	**	\$1,050	\$1,050
Waseca - ISD # 829	\$5,135.00	5	5	\$0	\$5,135
Watershed HS - Charter	\$0.00	**	**	\$0	\$0
Watertown-Mayer	\$2,928.00	**	**	\$0	\$2,928
Waubun High School - ISD #435	\$899.00	3	3	\$3,150	\$4,049
Wayzata	\$78,091.00	5	5	\$5,250	\$83,341
West Metro Educ. Program Charter 6069	\$0.00	**	**	\$3,150	\$3,150
West St. Paul-Henry Sibley	\$16,724.00	9	10	\$1,050	\$17,774
Wheaton - ISD # 803	\$478.00	2	2	\$0	\$478
White Bear Lake	\$29,600.00	14	14	\$0	\$29,600
Willmar	\$9,200.00	10	10	\$0	\$9,200
Winona	\$3,642.00	6	6	\$0	\$3,642
Worthington	\$3,776.00	7	8	\$1,050	\$4,826
Zumbrota/Mazeppa HS	\$0.00	2	8	\$1,050	\$1,050
TOTALS	\$2,482,379.00	1252	1271	\$400,405	\$2,882,784
** Not reported					

Appendix C

Advanced Placement FY 11 Non-Public Schools

Advanced Placement Minnesota Non-Public Schools	Total Cost	AP	AP	Total	Grand
District/School	of Exams	Teachers	Courses	Teacher Training	Total
Academy of Holy Angels	\$0.00	0	0	\$1,050.00	\$1,050.00
Bais Yaakov High School - St. Louis Park	\$50.00	0	0	\$0.00	\$50.00
Benilde-St. Margarets - St. Louis Park	\$16,000.00	13	11	\$0.00	\$16,000.00
Bethany Academy	\$3,514.00	1	1	\$0.00	\$3,514.00
Bethlehem Academy - Faribault	\$549.00	0	0	\$0.00	\$549.00
Blake School - Minneapolis	\$30,283.00	14	13	\$1,050.00	\$31,333.00
Breck - Minneapolis	\$16,873.00	15	15	\$4,150.00	\$21,023.00
Cathedral High School - St. Cloud	\$8,278.00	5	5	\$0.00	\$8,278.00
Concordia Academy - Roseville	\$400.00	1	1	\$0.00	\$400.00
Convent of Visitation - Mendota Heights	\$14,650.00	9	10	\$1,050.00	\$15,700.00
Cotter High School - Winona	\$9,150.00	7	7	\$4,200.00	\$13,350.00
Cretin-Derham Hall - St. Paul	\$15,650.00	8	8	\$2,100.00	\$17,750.00
DeLaSalle - Minneapolis	\$12,973.00	5	5	\$0.00	\$12,973.00
Heritage Christian Academy - Maple Grove	\$1,550.00	4	4	\$0.00	\$1,550.00
Hillcrest Lutheran Academy - Fergus Falls	\$2,292.00	3	3	\$2,100.00	\$4,392.00
Hill-Murray - Maplewood	\$7,650.00	6	6	\$0.00	\$7,650.00
Holy Family Catholic - Victoria	\$12,400.00	11	14	\$1,050.00	\$13,450.00
International School - Eden Prairie	\$10,405.00	0	0	\$1,050.00	\$11,455.00
Legacy Christian Academy - Andover	\$2,800.00	4	4	\$2,100.00	\$4,900.00
Loyola	\$2,778.00	4	5	\$0.00	\$2,778.00
Lourdes	\$2,500.00	5	6	\$1,050.00	\$3,550.00
Maranatha Christian Academy - Bklyn Park	\$2,500.00	5	6	\$2,100.00	\$4,600.00
Marshall Duluth	\$3,550.00	5	9	\$1,050.00	\$4,600.00
Martin Luther High School - Northrup	\$300.00	1	2	\$0.00	\$300.00
Mayer Lutheran High School*	\$1,000.00	2	2	\$0.00	\$1,000.00
Minnehaha Academy - Minneapolis	\$27,171.00	0	0	\$0.00	\$27,171.00
Minnesota Valley Lutheran School- New Ulm	\$1,885.00	0	0	\$0.00	\$1,885.00
Mounds Park Academy - St. Paul	\$3,314.00	4	4	\$2,100.00	\$5,414.00
New Life Academy	\$5,400.00	4	4	\$0.00	\$5,400.00
Park Christian School - Moorhead	\$800.00	2	2	\$1,050.00	\$1,850.00
Providence Academy - Plymouth	\$6,050.00	0	10	\$0.00	\$6,050.00
Rochester Lourdes High School	\$6,750.00	5	5	\$0.00	\$6,750.00
Schaeffer Academy - Rochester	\$1,900.00	1	1	\$0.00	\$1,900.00
Shattuck-St. Mary's - Faribault	\$13,220.00	12	14	\$2,100.00	\$15,320.00
Southwest Christian - Chaska	\$2,550.00	4	5	\$2,100.00	\$4,650.00
St. Agnes	\$3,406.00	6	8	\$0.00	\$3,406.00
St. Cloud Christian School	\$350.00	5	7	\$0.00	\$350.00
St. Croix Lutheran- West St. Paul	\$7,550.00	5	7	\$0.00	\$7,550.00
St. Croix Preparatory Academy	\$3,714.00	0	0	\$6,300.00	\$10,014.00
St. John's Preparatory - Collegeville	\$3,650.00	5	5	\$0.00	\$3,650.00
St. Paul Academy/Summit - St. Paul	\$6,878.00	18	0	\$1,050.00	\$7,928.00
St. Paul Preparatory School	\$3,050.00	3	5	\$0.00	\$3,050.00
St. Thomas Academy - Mendota Hts.	\$15,800.00	7	9	\$1,050.00	\$16,850.00

Advanced Placement Minnesota Non-Public Schools	Total Cost	AP	AP	Total	Grand
District/School	of Exams	Teachers	Courses	Teacher Training	Total
Totino-Grace - Fridley	\$10,321.00	7	8	\$3,150.00	\$13,471.00
West Lutheran - Plymouth	\$1,700.00	2	2	\$0.00	\$1,700.00
TOTALS	\$303,554.00	218	233	\$43,000.00	\$346,554.00
** Not reported					

Appendix D

2011 International Baccalaureate Schools Reimbursements (page 1/2)

IB District/Schools 2011	Teacher Training Total	Exam Total	Combined Total Teacher Training and Exams
Anoka-Hennepin - Evergreen	\$9,290	\$0	\$9,290
Anoka-Hennepin Champlin Park	\$11,310	\$49,600	\$60,910
Brooklyn Center – Earle Brown	\$9,975	\$0	\$9,975
Brooklyn Center JHS, HS	\$10,862	\$0	\$10,862
Community School of Excellence (MYP)	\$25,965	\$0	\$25,965
Cyber Village Academy-St Paul (MYP)	\$90	\$6,824	\$6,914
East Metro Integration Dist –Crosswinds Art and Science	\$40,105	\$0	\$40,105
Fridley – Hayes	\$1,095	\$0	\$1,095
Fridley - Stevenson	\$2,190	\$0	\$2,190
Fridley MS and HS	\$2,745	\$0	\$2,745
Grand Rapids	\$1,485	\$19,426	\$20,911
Great River Charter (DP)	\$5,055	\$0	\$5,055
Intl. Spanish Language Academy	\$4,200	\$0	\$4,200
Lakes Intl Language Academy	\$9,350	\$0	\$9,350
Minneapolis – North HS	\$11,160	\$0	\$11,160
Minneapolis Anthony MS	\$26,745	\$0	\$26,745
Minneapolis Anwatin MS	\$11,005	\$0	\$11,005
Minneapolis Bancroft elem	\$14,365	\$0	\$14,365
Minneapolis Edison HS	\$31,680	\$3,855	\$35,535
Minneapolis Elizabeth Hall Intl	\$4,830	\$0	\$4,830
Minneapolis Patrick Henry	\$29,595	\$40,445	\$70,040
Minneapolis Northeast MS	\$5,235	\$0	\$5,235
Minneapolis Roosevelt HS	\$17,705	\$9,784	\$27,489
Minneapolis Sandford Middle School	\$20,155	\$0	\$20,155
Minneapolis Southwest	\$22,850	\$76,275	\$99,125
Minneapolis Washburn HS	\$20,430	\$0	\$20,430
Minneapolis Whittier Intl	\$11,550	\$0	\$11,550
Minnetonka	\$20,760	\$54,047	\$74,807
Oseoo North View JHS/Park Center HS	\$12,930	\$0	\$12,930
Robbinsdale – Lakeview	\$12,600	\$0	\$12,600
Robbinsdale – Sandburg MS and Cooper HS	\$5,965	\$0	\$5,965
Robbinsdale Cooper	\$7,680	\$28,483	\$36,163
Rochester Arts & Sciences Academy	\$4,200	\$0	\$4,200
South Wash County – Park HS	\$4,515	\$12,931	\$17,446
South St. Paul	\$3,825	\$0	\$3,825
South St. Paul – Kaposia	\$10,431	\$0	\$10,431
South St. Paul – Lincoln Center	\$9,450	\$0	\$9,450

IB District/Schools 2011	Teacher Training Total	Exam Total	Combined Total Teacher Training and Exams
South St. Paul MS	\$10,020	\$32,085	\$42,105
St. Anthony Middle	\$3,375	\$0	\$3,375
St. John's Prep	\$12,130	\$0	\$12,130
St. Louis Park Peter Hobart K-3		\$0	\$0
St. Louis Park Aquila PreK-3	\$7,206	\$0	\$7,206
St. Louis Park Cedar Manor 4-6		\$0	\$0
St. Louis Park Susan Lindgren 4-6	\$1,575	\$0	\$1,575
St. Louis Park HS	\$6,550	\$39,139	\$45,689
St. Louis Park JHS	\$0	\$0	\$0
St. Paul Benjamin E. Mays Intl	\$7,350	\$0	\$7,350
St. Paul Central	\$3,555	\$70,974	\$74,529
St. Paul Harding	\$12,495	\$80,913	\$93,408
St. Paul Highland Park Elem	\$5,775	\$0	\$5,775
St. Paul Highland Park Jr. High	\$28,785	\$0	\$28,785
St. Paul Highland Park Senior High '94	\$6,900	\$52,819	\$59,719
St. Paul Ramsey JHS	\$10,540	\$0	\$10,540
Stonebridge Community Schools	\$2,775	\$0	\$2,775
White Bear Lake – Matoska International	\$4,200	\$0	\$4,200
Grand Total	\$576,609	\$577,600	\$1,154,209

Appendix E

Minnesota IB Schools (9-22-10)

Levels	DP Schools*	MYP Schools*	PYP Schools*
Authorized Schools Identified as an IB World School	A-H Champlin Park '06 Fridley '09 Grand Rapids '83 Great River Charter '08 Mpls-North '10 Mpls-Patrick Henry '87 Mpls-Roosevelt '10 Mpls-Southwest '87 Mpls-Thomas Edison '09 Mpls-Washburn '10 Minnetonka '04 Osseo-Park Center '08 Robbinsdale-Cooper '98 South St. Paul '86 So Wash Cty–Park HS '09 St. Louis Park '00 St. Paul-Central '87 St. Paul-Harding '94 St. Paul-Highland '94	Brooklyn Center JHS, HS '10 Cyber Village Academy '09 East Metro Integration Dist Crosswinds Arts & Science '07 Fridley MS and HS '07 Minneapolis - Anwatin MS and Southwest HS '10 Minneapolis - Northeast MS '08 Osseo - North View JHS and Park Center HS '07 Robbinsdale - Robbinsdale MS and Cooper HS '04 So. St. Paul MS and HS '08 St. Anthony MS '09 St. Paul - Ramsey JHS and Central HS '09	Anoka-Hennepin-Evergreen '07 Brooklyn Center-Earle Brown '07 Fridley- Hayes '10 Fridley – Stevenson '10 Lakes Intl Language Academy '09 Minneapolis-Elizabeth Hall Intl '07 Minneapolis-Whittier Intl '07 Robbinsdale-Lakeview '10 South St. Paul-Kaposia '09 South St. Paul-Lincoln Center '09 St. Louis Park-Aquila '10 St. Louis Park-Peter Hobart '10 St. Louis Park-Susan Lindgren '10 St. Paul-Benjamin E. Mays Intl '07 St. Paul-Highland Park '03
Candidate Schools: Application B Preparing for site visit; pending site visit results	St. John's Prep School	St Paul - Highland JHS, HS	White Bear Lake – Matoska
Candidate Schools: Application A Candidate status; developing program and curriculum		Minneapolis – Anthony MS Edison HS Henry HS Prairie Seeds Academy	Bloomington – Valley View Intl. Spanish Language Academy Rochester Arts & Sciences Academy
Prospective Schools Doing feasibility study; preparing to send in Intent to Apply Form and/or Application A	Brooklyn Center HS	Community School of Excellence Minneapolis – North Roosevelt HS Sanford MS Washburn HS	Community School of Excellence Minneapolis – Bancroft

*Diploma Programme – Grades 11-12

*Middle Years Programme – Grades 6-10

*Primary Years Programme – Grades Pre-K-5

Marlys Peters-Melius, MAIB

651-784-2340

mrmelius@comcast.net