

Cayman International School
Action Plan 1

Objective 1: By the year 2010, all Cayman International School grades K – 8 students will demonstrate improved academic performance in the core subjects of Math, Language Arts, Science, and Social Studies as measured by:

- 1.) an average performance of 80% for the median percentile scores in the areas of reading and language arts in grades 2 through 8 on the ITBS.

<u>2005-06 Baseline Data</u>		<u>Median Percentile Score</u>
Grade 2	Reading	78
	Language	76
Grade 3	Reading	84
	Language	76
Grade 4	Reading	84
	Language	72
Grade 5	Reading	86
	Language	76
Grade 6	Reading	76
	Language	64
Grade 7	Reading	38
	Language	47
Grade 8	Reading	65
	Language	77

- 2.) an average performance of 80% for the median percentile scores in the areas of math concepts and problems, Problem Solving, and math computation in grades 2 through 8 on the ITBS.

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<u>2005-06 Baseline Data</u>		<u>Median Percentile Score</u>
Grade 2	Concepts and Problems	64
	Problem Solving	60
	Computation	76
Grade 3	Concepts and Problems	84
	Problem Solving	82
	Computation	68
Grade 4	Concepts and Problems	81
	Problem Solving	65
	Computation	36
Grade 5	Concepts and Problems	74
	Problem Solving	73
	Computation	57
Grade 6	Concepts and Problems	78
	Problem Solving	67
	Computation	62
Grade 7	Concepts and Problems	27
	Problem Solving	48
	Computation	19
Grade 8	Concepts and Problems	51
	Problem Solving	55

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Computation

39

3.) An average score of 90% in the mean score of the University of Chicago mathematics posttest at grades 1 - 8 as determined in 2004 - 05.

Baseline Year: 2004-2005

School average: 69.5%

Grade 1 Score: 83.9%

Grade 2 Score: 79.5%

Grade 3 Score: 74.7%

Grade 4 Score: 67.6%

Grade 5 Score: 66.6%

Grade 6 Score: 44.7%

Transitions

Grade 7 Scores: 55.4%

Algebra

Grade 8 Scores: 46.5%

Algebra

4.) An average performance of 80% for the median percentile scores in the areas of social studies in grades 2 through 8 on the ITBS.

<u>2005-06 Baseline Data</u>		<u>Median Percentile Score</u>
Grade 2	Social Studies	79
Grade 3	Social Studies	89
Grade 4	Social Studies	75
Grade 5	Social Studies	78

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Grade 6	Social Studies	58
Grade 7	Social Studies	65
Grade 8	Social Studies	33

5.) An average performance of 80% for the median percentile scores in the areas of science in grades 2 through 8 on the ITBS.

<u>2005-06 Baseline Data</u>		<u>Median Percentile Score</u>
Grade 2	Science	69
Grade 3	Science	83
Grade 4	Science	81
Grade 5	Science	84
Grade 6	Science	69
Grade 7	Science	66
Grade 8	Science	69

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Year 1 (2005 –2006)

<u>Timeline</u>	<u>Activity</u>	<u>Responsibility of</u>	<u>Resources Needed</u>	<u>Indicators of Success</u>	<u>Date Completed</u>
First Term 2005	Annually, create and distribute a survey to parents, teachers of all students, and students in grades 6 and higher, regarding opinions on student learning and school academics.	Principal	Time	Survey responses collected, compiled, and analyzed.	Ongoing, started Spring, 2005
September 2005	Design and implement an entrance exam for students in grades K – 12, to be used as one tool in considering new applicants.	Administrative Team	Time	Exam in use	Completed Sept, 2005
First Term 2005	Research, identify, and implement the best course of action to prepare students for taking standardized exams.	Administrative team	Time	Students prepared for exams	Completed Oct. 2005
Second Term 2006	Create a baseline at student grade level in Language Arts, Math, Social Studies, and Science through administration of the I.T.B.S. to grades 2 – 8, and the UCMP posttest in K - 8.	Administrative team and teachers	Time	Tests completed and results received.	Completed Nov. 2005
Third Term 2006	Annually, using survey and test results, create a database to identify and track student progress and areas for growth in Grades K - 8.	Administrative Team	Time	Database completed and in use	Ongoing, started June 2005
First Term 2005	Develop a 5-year plan to address the growth and development in the library.	Librarian and Administrative Team with input from teachers.	Time	Plan completed.	3 yr plan completed June 2005

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Spring 2006	Begin to increase library collection by surveying, identifying and purchasing new books.	Librarian with help from teachers, studs., & parents	Time CI\$3000	Books purchased	Ongoing, started Fall 2005
2005 – 06	Create a committee to identify sources for funding for purchasing library materials.	Librarian with committee of parents & teachers	Time	Funds received	Ongoing, started Fall 2005
2005 – 06	Initiate and complete a review of the Language Arts curriculum.	Principal and Teachers	Time	Curriculum updated	Completed January 2006
2005 – 06	Create a list of “must read” books and poetry for each grade level.	Administrative team, librarian, and teachers	Time	List completed and used by classes	Completed June 2005
2005 – 06	Create and enforce a list of “must spell” spelling words.	Administrative team and teachers	Time	List completed and used by classes.	
Third Term 2006	Identify and purchase textbooks and other resources to support the updated Language Arts curriculum.	Administrative team and teachers	Time Funds budgeted	New materials purchased	In process
Third Term 2006	Update curriculum maps in all subject areas to reflect classroom practices	Administrative team and teachers	Time	Curriculum maps reflect classroom learning	Ongoing, started Oct 2005
2005 – 06	Hire a full time technology person to implement a technology program based upon the existing five – year plan	Principal	Funds budgeted	Technology teacher hired	Completed Sept 2005
2005 - 06	Annually, identify and purchase computers and other technology resources to provide a technology program that enhances achievement.	Principal and Technology Instructor	Time Funds budgeted	Additional technology items purchased annually.	Ongoing, started Sept 2005

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2005 – 06	Create a committee to research and identify enrichment programs for both during school and extracurricular.	Principal with parent / Teacher committee	Time	Programs identified and adopted	Completed December 2005
2005 – 06	Explore and identify ways to use drama as a method for learning.	Administrative team and teachers	Time	Drama being used as a learning method.	
2005 – 2006	Research and design a plan for a program that will meet the special needs of students of varying achievement levels.	Administrative Team with a committee of teachers / parents.	Time	Plan designed and ready to implement.	Completed December 2005

Year 2 (2006 – 2007)

<u>Timeline</u>	<u>Activity</u>	<u>Responsibility of</u>	<u>Resources Needed</u>	<u>Indicators of Success</u>	<u>Date Completed</u>
August 2006	Implement an in-service for teachers in using curriculum resources adopted at the end of the previous year.	Principal	Time Funds budgeted	In-service held	
First Term 2006	Create and implement the use of rubrics to address learning concerns identified through the database.	Administrative Team with teachers	Time	Teachers using rubrics for classroom work	
2006 – 2007	Hire a full time librarian to coordinate the library and carry out the 5-year library plan.	Principal	Funds budgeted	Full time Librarian employed	
Spring 2007	Continue to increase library collection by identifying books to be purchased.	Librarian with help from teachers	Time Budgeted funds	Books purchased	

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Second Term 2007	Purchase library books.	Librarian	Time CI\$3000	Books purchased	
2006 – 07	Initiate and complete a review of the Science, Health and PE curriculum.	Principal and Teachers	Time	Curriculum updated	
2006 – 07	Research and design a plan for implementing a biannual school-wide science fair.	Administration and teachers of science	Time	Plan designed and ready to implement	
Third Term 2007	Identify and purchase textbooks and other resources to support the updated Science, Health, and PE curriculum.	Administrative team and teachers	Time Funds budgeted	New materials purchased	
Third Term 2007	Annually, update curriculum maps in all subject areas to reflect classroom practices	Administrative Team, teachers	Time	Curriculum maps reflect classroom learning	
2006 – 07	Implement program for students with varying needs.	Administrative Team	Time Funds budgeted	Program implemented	
2006 – 07	Design and institute an exit survey	Administrative Team	Time	Exit survey in use	

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Year 3 (2007 – 2008)

<u>Timeline</u>	<u>Activity</u>	<u>Responsibility of</u>	<u>Resources Needed</u>	<u>Indicators of Success</u>	<u>Date Completed</u>
August 2007	Implement an in-service for teachers in using curriculum resources adopted at the end of the previous year.	Principal	Time Funds budgeted	In-service held	
First Term 2007	Update rubrics to address learning concerns identified through the database.	Administrative Team with teachers	Time	Rubrics updated	
Second Term 2008	Purchase library books.	Librarian	Time CI\$3000	Books purchased	
2007 – 08	Initiate and complete a review of the Spanish and Fine Arts curriculum.	Principal and Teachers	Time	Curriculum updated	
2007 – 08	Implement biannual school-wide science fair.	Administrative Team and teachers of science	Time	Science fair held	
Third Term 2008	Identify and purchase textbooks and other resources to support the updated Spanish and Fine Arts curriculum.	Administrative team and teachers	Time Funds budgeted	New materials purchased	
2007 – 08	Research and design a plan for implementing a biannual school-wide multicultural fair.	Administrative Team and teachers of science	Time	Plan designed and ready to implement	

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Years 4 & 5 (2008 – 2010)

<u>Timeline</u>	<u>Activity</u>	<u>Responsibility of</u>	<u>Resources Needed</u>	<u>Indicators of Success</u>	<u>Date Completed</u>
August 2008 & 2009	Implement an in-service for teachers in using curriculum resources adopted at the end of the previous year.	Principal	Time Funds budgeted	In-service held	
First Term 2008 & 2009	Update rubrics to address learning concerns identified through the database.	Administrative Team with teachers	Time	Rubrics updated	
Second Term 2009 & 2010	Purchase library books.	Librarian	Time CI\$3000 / yr.	Books purchased	
2008 – 09	Initiate and complete a review of the Math curriculum.	Principal and Teachers	Time	Curriculum updated	
2008 – 09	Implement biannual school-wide Multicultural Fair.	Administrative Team and teachers of science	Time	Multicultural Fair held	
2009 – 10	Implement second biannual school-wide Science Fair.	Administrative Team and teachers of science	Time	Science Fair held	
Third Term 2008	Identify and purchase textbooks and other resources to support the updated Math curriculum.	Administrative team and teachers	Time Funds budgeted	New materials purchased	