



2010-2011

SCHOOL IMPROVEMENT PLAN

Preamble – Student Achievement

We are continuing to focus on our targeted students in all student groups to ensure their success on MSA. For African-Americans, 85.1% met the proficient standard in reading; for IEP subgroup, 67% proficient, and for FARMS 88%. In Math, the numbers were 81%, 67%, and 88%. Since our focus in the current plan is on acceleration to advanced, we are looking for at least 10% growth of these student groups into the advanced range on MSA Reading and Math. In Reading 31% and in Math, 41% of African-Americans were in the advanced range. For FARMS students, the scores were 38% reading ADV. and 33% math. For Special Ed. Students, 33% were ADV. in reading, and 8% in math.

Programs in place and continuing are:

- **Infusion of technology into classroom instruction**
 - ✓ **SmartBoard added to Special Education and Grade 4**
 - ✓ **Document Cameras in all classrooms including Cultural Arts**
- **Monthly team planning with Reading Teacher**
- **Sharing best practices during staff meetings**
- **Continue to infuse reading strategies across the curriculum**
- **Continue to analyze Benchmark data in Reading, Math, Social Studies, Science for targeted re-teaching of skills**
- **Continue DIBELS data analysis in Kindergarten, Grade 1 (selected students in Grade 2)**
- **Staff participation in Professional Development to enhance and improve strategies for intervention and acceleration**
- **Specific intervention programs: ERI, Voyager 2, Voyager 1, Soar to Success, Corrective Reading (as needed)**
- **Tiered instruction and tiered homework in Math classes**
- **Use of William and Mary techniques, OCR classics, and Literature Circles for novels to continue acceleration in reading**
- **Entrance in co-curricular contests: 24 Game, Young Authors, Black Saga, Science Fair, Geography Bee, Dance Team**
- **Reading incentive programs**
- **Reading Buddies (K/3, 1/4, 2/5)**
- **Maintain relationship between the College of Notre Dame and Arnold to ensure high quality intern training**
- **Continue association with Anne Arundel Community College and their fieldwork interns**
- **Continue Foster Grandparent Program in Grade 1**

Preamble –Climate/Outreach

Continuing initiatives include:

- **Ways to foster positive staff climate, such as birthday celebrations monthly, secret pals, rotating snacks among teams for staff meetings, after-hour gatherings, recognition of staff excellence.**
- **We will model the kind of cooperation and support we expect from our students and community. This subcommittee also sends cards and flowers, as well as plans volunteer recognition, teacher appreciation, and end-of-year celebration.**
- **In addition to staff recognition, we will continue to acknowledge our superb volunteers, and to encourage the mentoring of targeted students.**
- **Recognize various businesses who contribute to health and well-being in newsletters, announcements, and on school website/Blackboard.**
- **Art “Under the Stars” Night**
- **Continue annual Field Day to promote student wellness**
- **Rain Garden, Butterfly gardens**
- **Dad’s Club – Fall and Spring Clean up**
- **Recycling by all staff and students**
- **Raising Terrapins (6th year)**
- **Raising Horseshoe Crabs with DNR (11 years)**
- **Continue promoting equity among students by making opportunities available regardless of gender, race, or financial restraints. (E)**
- **Raising Monarch Butterflies (Grade 3)**
- **Raising Baltimore Checkerspot Butterflies (Kindergarten)**
- **Continue mentoring CND interns, AACC fieldwork students**
- **Continue Business Partnerships with AFCEA(Armed Forces Communication Electricians Association)**
- **Annual Science Fair, using Midshipman, various business people, staff spouses as judges.**

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ACTION STEPS for Reading

Goal: Move all Arnold students to 65% Advanced level on MSA

**Statement of Need: 60% of school population scored advanced in Reading; 97% scored proficient or advanced.
 Student group results: 87.5% FARMS, 67% IEP; 85.1% African-American**

Objective: Increase by 5% number of students scoring Advanced in Reading (60% - 65%); Advance number of African-American students performing at advanced level in Reading from 39% to 44%

Action Steps	EQ (linked to statement of need)	Person Responsible	Implementation Team	Resources Needed	Monitoring Procedure	End Date/Check off when completed
Systematic analysis of student performance to ensure equity in all student groups	✓	Leadership team, Equity Liaison	All Staff	None	Check by Principal using benchmark analysis	June 2011
Utilize higher order question strategies to extend inferential thinking and promote high level discussion		Grade Level Chairs	All Staff	None	Student performance in weekly tests; observation, walk-throughs by principal	June 2011
Continue to implement weekly cold read assessments		Reading Teacher w/collaboration from classroom teachers	Grades 2-5 teams	Selection of good fiction and non-fiction reads	Observation/Sharing	June 2011
Continue to stress and assess vocabulary for understanding		Leadership team Teaching teams	Classroom teachers	Vocabulary kits, Comprehension Tool Kit, Newspapers, Magazines	Team minutes, walk-throughs, bulletin board displays	June 2011
Consistently implement use of non-fiction reading in directed instruction		Leadership team	All Staff	Comprehension Tool Kit, Time For Kids, newspapers, magazines	Plan book checks Monthly sharing with Reading Teacher	June 2011
Utilize Performance Series Data in Grades 3-5		Grades 3-5 teams	Grades 3-5 teams	None	Analyze Results	June 2011
Analyze all Marking Period 1 & 2 Reading data in classrooms with College of Notre Dame interns		Principal Site coordinator	Mentor teachers grade K, 1,4,5 Reading Teacher	Test Data	Analyze Results	February 2011

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ACTION STEPS

Goal: Arnold student population will score 71% advanced on MSA

Statement of Need: 69% of students scored advanced in Math; 97% of students were proficient or advanced.
 Student group results: 87.5% (FARMS) 67% IEP; 81% African-American

Objective: Increase 2 % of students scoring advanced (69% to 71%); Advance number of African-American performing at Advanced from 43% to 50%

Action Steps	EQ (linked to statement of need)	Person Responsible	Implementation Team	Resources Needed	Monitoring Procedure	End Date/Check off when completed
Continue co-planning to differentiate instruction Ensure student group representation in Advanced Math groups	✓	Principal, T/D Staff Equity Liaison	T/D teacher, Grades 2-5 Math teachers		Topic Tests Benchmarks Alps notebooks	June 2011
Continue pre-assessments in grades 2-5 to maximize instruction; compact where appropriate		Principal	All math teachers	Pre-assessments	Topic Tests, Benchmarks	June 2011
Implement strategies to increase retention of basic facts		Principal	All staff	FastMath on selected computers	Teacher reports; periodic student checks	June 2011
Utilize Performance Series Data in grades 3-5; analyzing by class		T/D teacher Math teams	All 3-5 teachers	Performance tests; computer lab; Professional Development on accessing data	Test in Fall and again in Spring; 2 nd grade Spring data to utilize for Grade 3.	May 2011 Sept. 2010- data training
Continue trainer of trainers model to increase the professional development of Math teachers in grades 3-5		Principal	Nicole Onal Math teams	Planning periods; sub day for Lead Math teacher	Topic and Benchmark tests	June 2011

Action Steps	EQ (linked to statement of need)	Person Responsible	Implementation Team	Resources Needed	Monitoring Procedure	End Date/Check off when completed
Talent Development Teacher to work with additional students to compact Envision, and to differentiate instruction	✓	T/D Teacher	T/D Teacher Math Teams	None	Observation; Topic/Benchmark analysis	June 2011
Implement research-based Math interventions (Fast Math, Do the Math)		Classroom teachers	Special Ed. Team Classroom teachers	Time for Training	Computer generated results; team planning	June 2011
Utilize cross-level dialogue quarterly to share strategies, successes with targeted students	✓	Principal, Leadership team	K-5 teachers, Special Education team, Talent Development Teacher		Team notes, share successes of student groups	June 2011
Increase student Math communication skills through daily visuals		Math teachers	Classroom teachers, Arts Integration team	Art Teacher	Classroom word walls, hallway displays, Benchmark BCR's	June 2011

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Goal: Arnold students will be successful on Science MSA

Statement of Need: 96% of students passed Science MSA; 67% of African-American students passed MSA Science

Objective: 99% of students will pass Science MSA; we will increase the % of African-American students who are proficient from 67% to 80%

Action Steps	EQ (linked to statement of need)	Person Responsible	Implementation Team	Resources Needed	Monitoring Procedure	End Date/Check off when completed
Implement quarterly dialogue between grade levels regarding Science initiatives		Science Lead teachers	Science teachers	MD K-12 Science information	Science Minutes	June 2011
Connect with schools who scored > 90% on MSA Science for strategies		Principal	Science Team	Contact personnel in other schools	Sharing strategies documented	June 2011
Benchmark analysis in grades 3-5, with targeted re-teaching	✓	Science Lead	All classroom teachers	Schedule Meeting time	Meeting minutes	June 2011
Decrease disparity in pass rate to ≤ 10% among student groups	✓	Science Lead	Science Team	Tutors	Benchmarks; quarterly science meetings	June 2011

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Goal: Maintain “Green” status for our school building and reapply 2012

Statement of Need: New environmental literacy requirement from MSDE requires us to continue to involve all students in a variety of environmental initiatives.

Objective: 100% of students will participate and learn about recycling as well as other environmental topics.

Action Steps	Person Responsible	Implementation Team	Resources Needed	Monitoring Procedure	End Date/Check off when completed
Continue our school-wide recycling effort in cafeteria and classrooms (have reduced trash in cafeteria from 6 bags to 2 bags)	Staff Human Relations committee(students) Community Outreach committee	All staff and students	Recycling containers	Planning meetings On-going dialogue among staff and students Money saved and money made	Ongoing
Collect used or leftover supplies at the end of the school year and donate to Providence Center	Dana Smith	Staff and Parent volunteers		Observation	June 2011
Bay Grasses/Environmental Program	Grade 3	Grade 3 teachers	Bay Grasses	Teacher trained in environmental issues	June 2011
Paper Recycling	Staff/Students	Staff/Students		Daily	Ongoing
Recycle – Light bulbs, cell phones, iPods, glue sticks, ink cartridges, tennis shoes, clothing	Staff Human Relations committee	All staff and students	Recycling containers	Planning meetings On-going dialogue among staff and students	Ongoing
Earth Day	Science Teachers	Art teacher, staff	TBD	Documentation of event	April 2011
Train new teacher to continue Chesapeake Connections	Susie Hartman	3 rd grade Team	Terrapins Sea Grasses	Ongoing artifact collection; terrapin data	June 2011

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ACTION STEPS

Goal: Create a safe learning environment that promotes accelerated achievement among all student groups

Statement of Need: Larger number of primary students, including all-day Kindergarten requires greater attention to safety issues

Objective: 95% of students will report that they feel safe at school; increase the number of co-curricular activities to engage all student groups

Action Steps	EQ (linked to statement of need)	Person Responsible	Implementation Team	Resources Needed	Monitoring Procedure	End Date/Check off when completed
Continue School-wide citizenship recognition, including recognition of community service activities outside of school		All staff; Parent liaison for Terrapin Troop	All Staff; selected PTA members	TBD	Bulletin Board Notes from morning announcements	June 2011
Continue paired grade levels for mentoring, reading buddies, MSA support, Dibels		All staff	All staff		Evidence in plan books of cross-level activities	June 2011
Continue to maintain a school store as part of an incentive program		Dana Smith, Guidance Counselor	Grade 3 and 5 students	Donations of school supplies/books	Tues/Fri reporting from storekeepers	June 2011
Continue to assign mentors from a variety of sources to students in need	✓	All Staff	Outreach committee	Publicity strategies	Volunteer sign-in	June 2011
Continue Secret Agent club to promote anonymous good deeds		Dana Smith, Guidance Counselor	5 th grade students	None	Reports by Climate	June 2011

Action Steps	EQ (linked to statement of need)	Person Responsible	Implementation Team	Resources Needed	Monitoring Procedure	End Date/Check off when completed
Maintain the school-wide intranet to communicate further with families	✓	Mary Taglienti Debbie Ray Dave Jordan	All Staff	Blackboard site	Parent Feedback	ongoing
Implement an annual “Mix it Up” Day for students to break up stereotyping	✓	Dana Smith	Lunch Monitors, Lunch Duty Staff	Colored Stickers	Participation by all students	11/9/10
Promote Arnold staff wellness to improve staff health through physical and mental activities (Wellness days, Pilates, Promotion of Wellness section on AACPS website)		Andie Youngk, Staff Wellness Coordinator	All Staff	Pilates Instructor, Wellness Volunteers	Staff Participation	June 2011
Implement a new Dance Team in Grade 3 (co-curricular)	✓	Nellie Fastige	Nellie Fastige	Use of stage after school	Student participation; monitor academic success of targeted students	June 2011
Implement school wide use of expected and unexpected behaviors		Megan Boyd Selina Bankert	All Staff	Social Detective materials	Teacher reports	June 2011
Continue the use of “Bully Box” for confidential reporting of school bullying		Dana Smith	All Staff	Black Metal Box	Student reports	June 2011
Increase opportunities for parent tutoring/enriching all students during school hours in TouchPebbles, Guest Artist talks, Quick Reads		Advance Studies office, Principal, selected staff	Classroom teams	TouchPebbles materials, training for parents	Student participation lists; benchmarks, Performance Series tests, pre and post tests, teacher observation	June 2011
Begin a French Club in grades 3-5	✓	Lauren Hall	Lauren Hall	Muzzy Kit (Millersville Elem)	Attendance, Activities, Monitor academic performance	June 2011

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Goal: Arnold Elementary will continue to implement Arts Integration at all grade levels

Statement of Need: Arnold is in its 3rd year as an AI school. We had 5 students audition for Bates PVA during the past 2 years. We would like to recruit more students to audition

Objective: All teachers will plan and teach at least four lessons which integrate Arts and/or Performance standards with a content area during the 2010-2011 school year.

Action Steps	Person Responsible	Implementation Team	Resources Needed	Monitoring Procedure	End Date/Check off when completed
Explore residency program for Grade 3	Principal Cultural Arts liaison	3 rd grade team Mrs. Doetsch Pat Cruz	Grant money	Project in progress	March-May 2011
Meet with coordinators, other principals to plan opportunities for staff sharing	Rosemary Biggart, John Barzal, Kay Panagopulos	Selected staff, Sue Owens	Money for substitutes	Visits and follow up lessons	June 2011
Expose new staff to AI; continue to provide opportunities for staff to share AI lessons	Rosemary Biggart	AI team; All staff	Art materials; AI binders on carts	4 AI lessons documented Include in binders	June 2011
Staff attendance at AI events beyond the school day	Rosemary Biggart, other principals	Climate/Outreach Marketing	List of events	Sharing/Reporting	June 2011
Expand parent involvement in AI program through presentations	Rosemary Biggart	PTA representatives, SIT		Teacher reports of class visits	June 2011
Implement action research to explore the impact of AI on student achievement	Rosemary Biggart	SIT	TBD	Topic tests; benchmark data; teacher observation	June 2011
Schedule AI updates and successes at each staff meeting to share resources	Tracy Edwards	Michael Kovacs Nellie Fastige Carrie DeSantos Amy Clarke Amy Basarab	Funding from Central Office for sub days	Periodic inventories	June 2011