

School Improvement Plan 2009-2010

School: Mill Creek Elementary
Principal: Mary Ann Opperd
Date: 2009-2010

MSP Target: 79.5 percent of students in all strands will meet standard in SCIENCE as measured by the MSP

S.M.A.R.T. GOAL: (Specific & Strategic, Measurable, Attainable, Results-oriented, Time-bound.)

Improve science achievement by 10% using articulated vocabulary, online pacing guides, and new grading guidelines. This will be measured by the FOSS benchmark assessments and MSP scores.

S.M.A.R.T. Processes					S.M.A.R.T. Results	
Instructional Leadership Team Plan / Map		Resources			Evidence of Implementation:	Evidence of Impact:
Instructional Practices: What are we going to do?	Schedule of Activities	PLC Team Involved	Materials Needed	Budget Required	What are teachers doing? (Are we working our plan?)	What are students doing? (Is our plan working?)
All grade levels to teach all 3 grade-level modules as written.	Per the district rotation schedule.	Mill Creek Staff.	Science kits and all applicable materials.		Teachers are using the online grading guidelines, pacing guides and supplementary materials to deliver the required instruction with focus on new standards.	Students are participating in inquiry-based science curriculum provided in 3 modules per grade level.
Focus on inquiry based science and scientific writing using science notebooks including illustrations and labels graded to standards with emphasis on attributes.	Plan one writing lesson per module focusing on notebook format and including student generated illustrations with emphasis on attributes.	Mill Creek Staff.	Science Notebooks. Professional development covering notebook best practices.		Teachers are instructing students in scientific formats (i.e data collection, graphs, summaries, illustrations). Teachers are being instructed on best practices regarding the use of scientific notebooks to enhance	Students are using scientific notebooks to record observations, data, and conclusions. Teachers are using a variety of methods to assess student understanding of the scientific method.

Use of GLAD strategies to incorporate science topics into reading and writing times.	On-going	Mill Creek Staff.	GLAD professional development.		curriculum. Teachers are using GLAD strategies during reading, and writing to incorporate and reinforce science lessons.	Students are being exposed to science in several different formats and being given opportunities to apply science knowledge across subject areas.
Continue focusing on science WASL articulated vocabulary through word banks, illustrations, and grade appropriate science reading materials. Replace with MSP materials when they become available.	On-going	Mill Creek Staff.	Science kits and applicable materials enclosed. MSP materials/samples.		Teachers are providing exposure and practice with science/health science/fitness vocabulary words specific to each module.	Students are utilizing science vocabulary in oral and written work.
Continue covering WASL released items using packets designed by district science staff for grades 3-5. Replace with MSP materials when they become available.	On-going	Mill Creek Staff.	WASL released items available in online pacing guides. MSP materials/samples.		Teachers in grades 3-5 are using WASL released items to support science kits.	Students are being exposed to WASL formatted science questions in grades 3-5 and are becoming familiar with test expectations.
PTA Science Day	Spring 2010	PTA	Presenters arranged by PTA.		Classrooms are becoming science labs across all grade levels for one day.	Students are immersed in science for one day experiencing several areas of scientific research.

Science Expo	Spring 2010	Mill Creek Staff and Students.	<p>Student work samples and presentation boards.</p> <p>Presenters arranged by PTA.</p> <p>High School science presenters.</p>		<p>Teachers across all grade levels are providing student work samples and boards to represent each grade level science kit.</p> <p>Presentations are taking place during the Science Expo to create more community participation. (High School and Middle School Students are coming to do demonstrations during Science Expo)</p>	<p>Students are participating in grade level science lessons and helping to create displays for the Science Expo.</p> <p>5th grade students are creating presentation boards to model their individual inquiries. Several students will present their work on science night.</p> <p>Science at Mill Creek is being emphasized across all grade levels and in the community.</p>
Science-Palooza!	Spring 2010	Mill Creek Staff	Meaningful 1hr science lessons that model the investigation format.		5 th Grade teachers model and encourage other grade levels in the process of devoting one day to science at grade level appropriate times. Students rotate between classes to receive a different lesson from each teacher.	Students are practicing the scientific method through fun, hands-on activities.
Science Observation	Winter 2010 ½ day to observe middle school science	All fifth grade teachers	none	\$500.00	Fifth grade teachers observing science in the middle school setting to better prepare their students for transition to middle school	Students are working toward the same standards that are expected in middle school.

Required Components of SIP		
Elementary Schools	Middle Schools	High Schools
<input type="checkbox"/> Reading	<input type="checkbox"/> Reading	<input type="checkbox"/> Reading
<input type="checkbox"/> Writing	<input type="checkbox"/> Writing	<input type="checkbox"/> Writing
<input type="checkbox"/> Mathematics	<input type="checkbox"/> Mathematics	<input type="checkbox"/> Mathematics
<input type="checkbox"/> Science	<input type="checkbox"/> Science	<input type="checkbox"/> Science
<input type="checkbox"/> Diversity, Safety & Welcoming Enviroment	<input type="checkbox"/> Diversity, Safety & Welcoming Enviroment	<input type="checkbox"/> Diversity, Safety & Welcoming Enviroment
	<input type="checkbox"/> High School Readiness	<input type="checkbox"/> On-Time Graduation

	<input type="checkbox"/> Challenging Options	<input type="checkbox"/> Challenging Options
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