



Snoqualmie Valley School District

School Improvement Plan

2010-2013

Mount Si High School

8651 Meadowbrook Way SE, Snoqualmie, WA 98065



Mission, Vision, Guiding Principles

Mount Si High School Mission Statement

- The mission of Mount Si High School is to help students:**
- **identify and realize their academic and personal potential**
 - **respect individual differences;**
 - **develop skills and motivation for life-long learning;**
 - **and be knowledgeable, active and responsible citizens.**

Mount Si High School is committed to the
Nine Characteristics of High Performing Schools.

**Provided By OSPI,
Adapted from ESD 113 and
Modified by the SVSD**



School Improvement Plan

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School Improvement Goal#1: Improve Mathematical Comprehension, Fluency and Literacy

- 80% of students will meet standard on end of course Algebra and Geometry assessments by 2013
- Annually increase number of students exceeding standard on end of course Algebra and Geometry exams
- 100% of students will earn Algebra credit by 2013
- Increase enrollment by 5 sections of advanced level courses such as: Algebra III, Pre-Calculus and AP Calculus
- 80% of students will be able to comprehend and show competence in mathematical non-fiction texts by 2013

Strategies: Common instruction and assessment; collaboration among department; tutoring and interventions; vocabulary and non-fiction text reading comprehension emphasis

Rationale:

- 2010 HSPE Math results indicate that 55.6% of MSHS students met standard
- Change in state requirements for Math which now includes needing 3 high school level Math credits to graduate
- 2010 HSPE Reading results indicate that 85.8% of MSHS students met standards
 - o Improve reading achievement, especially in non-fiction texts

School Improvement Goal #1

Activities to Achieve this Goal	Professional Development	Timeline	Resources Available/Needed	Who is Responsible	Monitoring Effectiveness
Continue after school tutoring, Monday – Thursday with Math teachers	N/A	Fall 2010 and on-going	Needed: SVSF grant (or other)	Math Department for completing grant application and determining staffing schedule Math Department and all staff for advertisement	Student participation; Student improvement in math (before/after scores)
Create positive perception and portrayal of math among all staff and community <ul style="list-style-type: none"> • Emphasize usage of graphs, formulas, problem solving and “weekly target skill” in all subjects 	Facilitated discussion by Math Dept. with all staff members	2010-11, ongoing	Available: Student planner has Alg/Geom formulas Available: ActivVotes or web survey Need: Positive math posters/slogans; Building Directed Day	Math Department; LIT; All teachers	Staff perception survey

Updated 12/2010





School Improvement Goal #1: Continued

Activities to Achieve this Goal	Professional Development	Timeline	Resources Available/Needed	Who is Responsible	Monitoring Effectiveness
Alignment and understanding of new standards between elementary, middle and high school	District Cohort meetings	Fall 2010 and ongoing	Available: District Directed Time	Math TOSA; District Office of Teaching and Learning	Better continuity of middle school math course offerings; Decreasing enrollment in lower level classes in 9th grade
Algebra Math Performance Assessment and Scoring Conference	Algebra teachers work with Kris Linblad	End of 1st quarter 2010-11 for training and design; 3rd quarter assessment and scoring	Design and give assessment during class time	Math Department; Algebra teachers	Compared to end of Course exams
Development of parent letter to send home recommending student attends after school tutoring <ul style="list-style-type: none"> Develop a lunch tutoring program/support "2nd Chance Lunch" in the Freshman Pod for students unable to attend after school tutoring 	N/A	Per grading period based on D/F progress reports	Available: Parent/family email addresses in Skyward Available: Comment Code # 54: "Student Should Come in for Extra Help"	Math Department to refer and require students to attend tutoring and get tutor's signature	Provide signature line for tutor on parent letter to be returned to Math teacher upon tutor completion
Develop a program and assessment to emphasize non-fiction text and story problem reading, analysis and vocabulary in all math classes	SIOP training	Fall 2010 and ongoing	Available: Vocabulary lists in each chapter Needed: Identify/create story problems for students to demonstrate reading comprehension of math concepts	Math Department	Assessment scores of vocabulary and reading analysis comprehension
Continuation of Algebra 1A/1B to break Algebra content over 2 years <ul style="list-style-type: none"> Increase success to decrease overall enrollment 	Ongoing: training/discussions with Kris Linblad; Research intervention models to improve Algebra success	Fall 2010 and ongoing	Available: Building Directed time	Math Department; Algebra teachers	End of course exams for Algebra IB;

Updated 12/2010



School Improvement Goal #2: Improve Scientific Comprehension, Fluency and Literacy

- 80% of students meet standard on Science High School Proficiency Exam by 2013
- Annually increase number of students exceeding standard on Science HSPE
- 80% of students will be able to comprehend and show competence on technical reading and writing
- Increase sections of upper level courses such as: Chemistry, Physics, AP Chemistry, AP Biology, AP Environmental Science, UW Astronomy, Astronomy/Meteorology annually

Strategies: Curriculum alignment; common instruction and assessments; non-fiction text reading comprehension emphasis,

Rationale:

- 2010 HSPE results indicate that 58.0% of MSHS students met standard
- Changes in state graduation requirements for class of 2013
- 2010 HSPE Reading results indicate that 85.8% of MSHS students met standards
 - o Improve reading achievement, especially in non-fiction texts

School Improvement Goal #2

Activities to Achieve this Goal	Professional Development	Timeline	Resources Available/Needed	Who is Responsible	Monitoring Effectiveness
Science showcase to demonstrate student work using scientific method	Research successful Science Fair programs from other districts and link to Science National Honor Society standards	End of 3 rd quarter annually	Available: Library, computer labs, COWs Available: Sharepoint sites to communicate with community and gather community resources Needed: Development of rubric by Science and Lang Arts teachers Needed: Time for research/development	Science teachers with help of Lang Arts teachers in developing rubric	Evaluate student work from a variety of science classes, along with a reflection paper (9 th /10 th); Rubric – teacher and peer review of student product
Continued district alignment and evaluation of K-12 curriculum	Center for Inquiry Science; Time with all grade levels of science teacher	Ongoing training; adoption in spring 2011		ALL Science teachers; Administrator(s) to evaluate implementation of relevant and rigorous curriculum	State HSPE scores (70% by 2012; 80% by 2013)



School Improvement Goal #2: Continued

Activities to Achieve this Goal	Professional Development	Timeline	Resources Available/Needed	Who is Responsible	Monitoring Effectiveness
Analyzing scientific literature through the use of non-fiction texts <ul style="list-style-type: none"> • Research and communicate concrete detail • Analyze the application and use of scientific inquiry 	Training in non-fiction text reading strategies	2010-11, ongoing	Needed: Design/administer reading comprehension of non-fiction scientific texts Available: Computer Lab, library/librarians, J-Store, Proquest (online research resources)	Science/LA teachers	Science reading comprehension rubric and assessment; HSPE scores; self-assessments and peer review processes
Scientific Research paper (related to activity #1)	See Resources	End of 1 st semester	Needed: Collaboration time to develop a general rubric for all papers and consistent MLA format Available: computer lab, library, librarian(s)	All science and LA teachers	Same as above
Develop and offer additional elective science courses	As needed for new courses, such as AP	Ongoing		Science Department, Management Team for approval	Increase number of elective sections



School Improvement Goal #3: Improve General Academic Achievement for ALL students

- 50% decrease in the number of 9th grade students failing one class by 2013
- 100% of students will meet standard on Reading and Writing HSPE, as well as annually increase number of students exceeding standard on Reading and Writing HSPE
- Increase number of 11th and 12th grade students with full (6 period) academic schedules annually
- Increase number of students enrolled in post-secondary education and/or career training by 25% by 2013

Strategy: Offer a variety of “best practice” trainings for teachers; examine and align inter and intra-departmental curricula; develop consistent intervention plan to identify and assist struggling students; consider “Homeroom” and/or Mentorship models

Rationale:

- Spring 2010 analysis showed 47, 9th grade students failed one or more, first semester high school classes
- Spring 2010 Reading HSPE results indicate that 85.8% of MSHS students met standard
- Spring 2010 Writing HSPE results indicate that 88.6% of MSHS students met standard
- Recommendations from the Spring 2010 Interventions Program Review

School Improvement Goal #3

Activities to Achieve this Goal	Professional Development	Timeline	Resources Available/Needed	Who is Responsible	Monitoring Effectiveness
Development of Homeroom Model Suggested: 30 minutes x 4/month	Time to review possible models and student needs; Facilitated staff discussion to determine common goals and expectations	Research: 2010-11 Development/staff input/training: 2011-12 Piloting/Eval: 2012-13	Needed: Common rubric, expectations for teachers Needed: teacher training	ALL teachers, students, administrators LIT	Common rubric(s); staff/student input; student achievement data; EES Survey
Development of common rigor, rubrics, instructional practices, and expectations within departments/grade levels <ul style="list-style-type: none"> • Classroom visits in same and different subjects/grade levels 	Effective/best practice teaching workshops	Classroom visits – 2010-11; identifying inconsistencies 2011-13 – Collaborate on common lessons/units, rubrics and assessments	Available: Teacher/Building/District Directed Days Needed: Development and implementation of common rubrics and assessments	All staff for collaboration; Administration	



School Improvement Goal #3: Continued

Activities to Achieve this Goal	Professional Development	Timeline	Resources Available/Needed	Who is Responsible	Monitoring Effectiveness
Develop Mentorship Program	Student/Staff training in selected model	2010-11: Research; 2011-12: Implement 2012-13: Evaluate/ Adjust	Needed: Evaluate impact of Natural Helpers on MSHS students beyond the training weekend; investigate Link Crew/other models	Counseling Staff, Admin, LIT, Selected student leaders, ASB	Student feedback; climate survey results
Provide additional cross curricular class offerings	Staff visits to other sites who do the same	Identify classes 2010-2011; begin new class blocks 2011-2012	N/A	Management Team; Learning Improvement Team; Counselors; Administration	Student enrollment; feedback from those enrolled
Offer and incorporate a variety of “best practice” teaching and learning strategies, focused on critical thinking, writing and reading across the curriculum, such as but not limited to: <ul style="list-style-type: none"> • SIOP • Use of learning targets • Structured Writing • Socratic Circles • Critical Thinking Skills • Marzano Research Laboratory/Solution Tree instruction, assessment and/or PLC models 	Variety of trainings annually	2010-11: Continue with SIOP training schedule; plan 2011-12 schedule 2011-13: Begin offering variety of trainings on Building Directed Days; Sharing of effective lesson plans	Available: Building Directed Days Needed: Knowledgeable facilitators; funding	LIT Workshop trainers	LIT will develop course offerings, schedule and sharing efforts
Offer Skyward training to parents at fall conferences, student registration days and/or PTSA meeting(s)	N/A	Fall 2010, ongoing	Available: TOSAs, Teachers, Secretaries Needed: Parent/community volunteers	LIT, Technology Department	Fewer parent complaints about Skyward issues; Increased student/parent awareness of online grades
100% of staff will input formative and summative assessment scores within 2 weeks on Skyward Grade book	Skyward Grade book training seminars, if applicable	Fall 2010, ongoing	Available: auto-email function of Skyward to parents of students receiving overall D/F	Teachers Skyward Manager	Administrators

Updated 12/2010



School Improvement Goal #3: Continued

Activities to Achieve this Goal	Professional Development	Timeline	Resources Available/Needed	Who is Responsible	Monitoring Effectiveness
Create, implement and evaluate an intervention plan for struggling students <ul style="list-style-type: none"> 2nd Chance Lunch for Freshmen in Language Arts & Science 	N/A	2010-11: Research; begin interventions in Freshman Learning Center 2011-12: Implement full-school intervention plan 2012-13: Evaluate plan	Needed: Committee for Research/Development; After-school tutoring in multiple subject areas; Increased after-school library/computer access Available: In-building Lab Classes; Online Foundations classes; After-school Math tutoring	LIT, Volunteer committee; teachers for referrals	Decrease failure rates; increase multi-grade and multi-subject success rates
Continue offering PSAT and/or ASVAB to all juniors	N/A	Fall 2010, ongoing	Needed: test booklets, adjusted schedule; grant funds for students needing financial assistance	LIT, selected Counseling Center staff	100% participation; increased college readiness
Writing Assessment and Scoring Conference	LA Teachers	Ongoing. - Fall and Spring HSPE-style tests for Freshmen. - Late Winter/Early Spring HSPE-style test for Sophomores. - Late Spring test for Juniors.	District (Don McConkey) has committed to funding the process. No additional funding is needed. Funding includes: paying for release time; test design/prep; and report generating.	Student reports will be prepared for students and parents. Summary reports will be provided for LIT and admin	Tracking individual student progress Higher numbers of students meeting and exceeding standard on the HSPE and other writing assessments



School Improvement Goal #4: Effective integration of technology to enhance teaching and learning

Strategy: Collaboration among staff, increase technology training/ integration in the classroom, increase access to technology out of classroom

Rationale:

- Stay updated with ongoing trends in technology
- o Make most effective use of technology levee funds

School Improvement Goal #4

Activities to Achieve this Goal	Professional Development	Timeline	Resources Available/Needed	Who is Responsible	Monitoring Effectiveness
Technology Fair to showcase available student and teacher technologies	N/A	Spring 2011; annually	Needed: large space (Commons/Wildcat Court);	Tech committee; TILTs, TOSAs,	Feedback from participants; teacher participation in Technology Fair
Technology Spotlight at Staff and/or Building Directed meetings	N/A	Fall 2010 and on-going monthly	Time: 5 minutes at beginning of staff meetings	Tech committee; administration	Feedback from staff
Technology Blog and/or Discussion Groups	N/A	Fall 2010 and on-going	SharePoint	All staff to read and interact;	Staff survey on reading and posting participation
Cross-departmental trainings and follow-up for best practices being used	N/A	Spring 2011 and on-going	Available: District, Building and/or Teacher Direct Days Available: Tech TOSAs Available: hardware access	Department chairs and members to collaborate in determining which training would be most useful; Tech TOSAs	Collaboration survey



School Improvement Goal #4: Continued

Activities to Achieve this Goal	Professional Development	Timeline	Resources Available/Needed	Who is Responsible	Monitoring Effectiveness
Survey to determine additional training needs	N/A	Each semester	Needed: Survey	Tech committee	Survey results
Increase before and after school access to computer resources in a lab	N/A	Immediately and ongoing	Available: VISTAS Volunteer program; PTSA Needed: Adult Supervision plan	Administration	Student sign-in; monitor daily volume;
Create student service package including access to school user-share, school/class calendars, school software and school email accounts	Staff and student training	Spring 2011 for implementation and staff/student training	CLOUD	Technology Dept.	Feedback from students/teacher; monitor usage of services



School Improvement Goal #5: Improve culture, climate and collaboration for staff and students

- Increase perception data regarding school climate by 30 %, as evidenced by the EES Cultural Responsiveness profile by 2013
- Decrease student disciplinary referrals by 25% by 2013
- 100% of staff will identify themselves on the Cultural Responsiveness taxonomy

Strategy: Increase student/staff recognition, enhance communication, identify and model professional, working norms and behaviors

Rationale: - Improve working and learning environment for optimal student and staff success

School Improvement Goal #5

Activities/Strategies to Achieve this Goal	Professional Development	Timeline	Resources Available/Needed	Who is Responsible	Monitoring Effectiveness
Increase recognition of student and staff work <ul style="list-style-type: none"> • Administrators of staff • Teachers of students • Students of staff/admin Develop common template of information that can be easily posted in display boards Create blog for “Teacher Tweets” about exciting things going on in classrooms	N/A	Beginning Fall 2010 and on-going, monthly	Needed: display board in each departmental hallway and near main office Needed: Development of guidelines for “tweeting”	All staff and students to select deserving individuals monthly and complete template to showcase work and/or individual Joe Dockery/Webmaster	Use of display boards; feedback



School Improvement Goal #5: Continued

Activities to Achieve this Goal	Professional Development	Timeline	Resources Available/Needed	Who is Responsible	Monitoring Effectiveness
Improve contact with non-English speaking students/families <ul style="list-style-type: none"> Employ interpreters for conferences to better involve non-English speaking parents Employ interpreters or get volunteers to assist with understanding Back to School/registration paperwork Translate newsletter summaries and website summary into Spanish Offer Spanish instruction to staff 	Basic Spanish course offered to staff: Rosetta Stone, with possibility of clock hours.	Parent/teacher conferences – Fall 2010 Implement by winter, 2010 School year 2010-11	Use volunteers from community. Solicit via MSHS e-notices (Constant Contact) Tech resources, look into website option Needed: Class facilitator; District Office – Clock Hours	DART Tech. Dept., main office, AP Students for translation DART Staff	Feedback from staff and parents; determine viability Self-report
Offer staff training on creating culturally responsive lesson plans and cultural responsiveness in the classroom <ul style="list-style-type: none"> Research how other schools, districts have taken on school climate and cultural responsiveness issues and bring back what seems fitting to MSHS 	In-service and follow-up in which each staff member brings own example to forum.	- Introduce Spring 2010 - Follow-up Fall/Winter 2010-11	- OSPI - PS/ESD - DART - Dr. G. Robinson, Tacoma S.D.	- DART - Admin.	- EES Survey - Student perception survey - Create portfolio of cultural responsibility lessons for all classes.
Review professional expectations and identify acceptable behaviors for a learning community <ul style="list-style-type: none"> Model and support the “Student Covenant” 	Presentation of the legal/contractual expectations; periodic reminders, e.g. DART newsletter. Possible staff training on ways to consider and be respectful of differences of views and opinion.	Ongoing	Needed: Building Directed Time Available: contract language, district policy RCW’s, Mount Si Learning Community Group Norms	All staff LIT DART Administration	- Improvement in student and staff survey results in the Spring EES Survey - Anecdotal student and staff report.



V. School Improvement Budget
 (Tied to your School Improvement Plan)

Allocation: \$-0-

School Improvement BUDGET 2010-11						0100-27-2310-402-0300-0016
Date	Company	Items Purchased	Reference	Amount	Notes	Bal Remaining
Oct-09	Allocation for 2010-11					-0-
	Staff Payroll	LIT Mtgs			est.	
	Staff Development				est.	
	Supplies/Materials				est.	-0-
TOTAL						\$0.00