

**BRISTOL-PLYMOUTH REGIONAL TECHNICAL SCHOOL
SCHOOL IMPROVEMENT PLAN**

Date: April 15, 2009
School Year: 2009-2010

Principal: Carolyn Pearson
Co-Chair: Robert Cammarata

GOAL #1	ACTIVITIES	EXPECTED DATE OF COMPLETION	EVALUATION
<p>Increase the scope and depth of academic and vocational/technical integration</p> <p>Data Source(s):</p> <p>1. Stanford Test Results</p> <p>2. Perkins local plan (See Tab #1)</p>	<p>a. Senior Projects. Review full implementation model and presentation format.. Revise timelines and requirements of all phases. Develop activities in grades 10 and 11 to prepare for senior projects in grade 12. Expand and research component to grade 9-10 &11.</p> <p>b. Math Across the Curriculum Project Redesign and implement in three technical Programs.</p> <p>c. Reading and Writing across the Curriculum Implement a 'One School, One Book' program. Implement activities which will promote reading and writing across the curriculum in all technical areas.</p> <p>d. Project Based Learning.—Explore new opportunities for Project Based Learning.</p> <p>e. Review existing articulation agreements. Develop new articulation agreements and apprenticeship program.</p> <p>f. Expand technology curriculum for grade 9 during exposure program. Implement basic technology program.</p> <p>Develop technology brochure for incoming freshmen.</p>	<p>Review full school Implementation, timelines and new presentation format June, 2010</p> <p>Review progress in June, 2010</p> <p>Review progress in June, 2010</p> <p>June, 2010</p> <p>Ongoing – Progress report June, 2010</p> <p>December, 2009</p>	<p>Feedback from staff and students. Survey of community judges</p> <p>Review by Curriculum Committee</p> <p>Review by Curriculum Committee</p> <p>Project Based Learning activities</p> <p>Review feedback from staff and students</p> <p>Observation and feedback from staff</p>

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GOAL #2	ACTIVITIES	EXPECTED DATE OF COMPLETION	EVALUATION
<p>Improve student achievement as measured by MCAS, MCAS appeals, competency determinations or other appropriate assessment(s).</p> <p>Data Source(s):</p> <ol style="list-style-type: none"> 1. 2008-2009 MCAS Results 2. 2008-2009 AYP Indicator 3. Perkins local plan (see Core Indicator #1A, Tab #3) 4. Stanford Test Results 5. Disaggregated MCAS and AYP Data 	<ol style="list-style-type: none"> a. After school Homework Assistance program/MCAS After school Program b. Math Concepts course – review of curriculum for course 1 & 2. Expand to all grade 9 & 10 students. c. Revision of consultant teacher initiative and role to include more direct services d. Training for special education staff in inclusion classrooms – service delivery e. Scholar’s Program Planning and Development, Phase 4.AP Calculus and ELA. Revision of cohort model. f. Implementation of TestWiz.net and training of teachers. g. Continue development of the use of links for all students. Implementation of study and retention strategies. h. Continue development of mid-term and final exams in all subjects i. Training in writing IEP components and guidelines for implementation j. Training for MELA-O certification 	<p>Ongoing - progress report due June, 2010</p> <p>June, 2010</p> <p>Ongoing – progress report due</p> <p>Ongoing December, 2009</p> <p>Progress report due June, 2010</p> <p>June, 2010</p> <p>June, 2010</p> <p>Progress report due December, 2009</p> <p>Ongoing, December 2009</p> <p>June, 2010</p>	<p>Pre & Post assessment results</p> <p>Pre & Post assessment results</p> <p>Review staff feedback and student achievement data</p> <p>Review staff feedback and ongoing observation</p> <p>Review of Phase 4</p> <p>Internet program evaluation. Evaluation of teacher use by Curriculum & Instruction Office</p> <p>Teacher feedback</p> <p>Student test score and feedback from teachers</p> <p>Direct observation</p> <p>Certification of staff members in MELA-O-TEST administration</p>

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GOAL #2	ACTIVITIES	EXPECTED DATE OF COMPLETION	EVALUATION
	k. Training in sheltered content instruction. l. Implementation of study skill program m. Continue implementation of Educational Proficiency Plan (EPP)	In progress, June, 2010 Progress report due June, 2010 September, 2009	Certification of staff members in SCI Study skill program. Student teacher feedback. Educational Proficiency Plans completed for students who do not score proficient on MCAS (2008)

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GOAL #3	ACTIVITIES	EXPECTED DATE OF COMPLETION	EVALUATION
<p>Align technical curricula with industry standards and certifications.</p> <p>Data Source(s):</p> <p>1. Perkins local plan (see Core indicator #1B, Tab #3)</p> <p>2. New MDEASW curriculum frameworks</p> <p>Following NCCER: Metal fabrication Electrical HVAC Plumbing Carpentry</p>	<p><u>A. Obtain National Program Standards (NPS) certification required under Ch. 74</u></p> <p><u>Automotive Technology</u> Technology National Automotive Technician's Education Foundation (NATEF)</p> <p><u>Collision Technology</u>—Nat. Automotive Technician's Education Foundation Recertification</p> <p><u>Metal Fab</u>—American Welding Society (AWS) S.E.N.S.E. program implemented & National Center for Construction Education and Research (NCCER)</p> <p><u>Continue aligning with NCCER</u> Metal fabrication Electrical HVAC Plumbing Carpentry</p> <p><u>Culinary</u>—American Culinary Federation (ACF)</p> <p><u>Graphic Design</u> —Print Ed implementation</p> <p><u>Machine Tech.</u>—Nat. Institute for Metalworking Skills, Inc. (NIMS)</p>	<p>NATEF Renewal Due December, 2013</p> <p>NATEF Review -Winter 2010 NATEF Renewal -2012</p> <p>Full implementation June, 2008</p> <p>Purchase upgrades - ongoing</p> <p>Full implementation June, 2009</p> <p>Renewal due December, 2009</p> <p>Sept. 2, 2010</p> <p>Renewal due - June 2011</p>	<p>Review all curriculum documents to insure alignment with individual National Standard requirements.</p> <p>Review of timeline for progress made toward each program certification.</p> <p>Students eligible for AWS S.E.N.S.E. Level 1 certificate</p>

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GOAL #3	ACTIVITIES	EXPECTED DATE OF COMPLETION	EVALUATION
<p>Align technical curricula with industry standards and certifications. (continued from above)</p> <p>Data Source(s):</p> <p>1. Perkins local plan (see Core indicator #1B, Tab #3)</p> <p>2. New MDEASE curriculum frameworks</p>	<p>Drafting—MDESE recommends American Design & Drafting Assoc.- Investigating (ADDA) Investigate program revision – combining Machine Tool and Mechanical Drafting</p>	<p>In Progress Phase 1 – progress report due 9/09</p>	<p>100% of students earn OSHA 10 cards</p> <p>Competency tracking of all strands of the technical frameworks</p>
	<p>Computer and Networking Technology— Institute Comptia A+ certification. Increase number of students passing cert. Assessment</p>	<p>June, 2009</p>	
	<p>Institute Comptia Network Plus certification</p>	<p>June, 2009</p>	
	<p>Institute Cisco Certified Network Associate (CCNA). Increase number of students passing cert. Assessment</p>	<p>June, 2009</p>	
	<p>CIT MOS certifications- Increase number of students passing cert. Assessment Install new software upgrade</p>	<p>June, 2009 September, 2009</p>	
	<p>Community Health CNA curriculum approval by DPH</p>	<p>April, 2010</p>	
	<p>Early Childhood Education and Care – investigate ECC certification</p>	<p>Progress report due December, 2009</p>	
	<p>No NPS Available –Investigating Commercial Design</p>		
	<p>Programs that fall under their Mass. Board of Registrations: Electrical, Cosmetology, Plumbing (continue to align curriculum with regulations to insure compliance completed</p>	<p>Ongoing – progress report due June, 2010</p>	
	<p>B. Review process by which all students earn OSHA 10 cards</p>	<p>December, 2010</p>	
<p>Add competencies from Strand 1: Health & Safety; Strand 3: Embedded Academics; Strand 4: Employability; Strand 5: management and entrepreneurship and Strand 6: Underlying Principles of Technology to each programs existing competency profile through VTCTS Software. Explore use of DESE technical frameworks electronic tracking system.</p>	<p>June, 2010</p>		

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GOAL #4	ACTIVITIES	EXPECTED DATE OF COMPLETION	EVALUATION
<p>Expand the Guidance Program to include effective career planning and middle-to-high school transitions and public information.</p> <p>Data Source(s):</p> <ol style="list-style-type: none"> 1. Career Cruising at all grade levels 2. Career Plans 3. 8th Grade Mentor/Transition Program 4. Career Center 5. Graduate placement data 6. Co-op alignment with handbook & MDESE guidelines 7. EPP's 	<p>Expand Guidance Curriculum to include grades 9-12</p> <p>Publication of MARC, Jr.</p>	<p>In progress. Progress report due June, 2009</p>	<p>Student survey Technical placement</p>
	<p>CPIC workshop & activities to incorporate career plans with academic and tech areas</p>	<p>June, 2009</p>	<p>Career Plans</p>
	<p>Train sophomores to mentor the incoming freshmen</p>	<p>September, 2010</p>	<p>Parent/student feedback</p>
	<p>Make resources available to students and B-P grads to assist with job training and placement</p>	<p>September, 2010</p>	<p>Student/graduate feedback utilization of career center</p>
	<p>Utilize commercial product to contact graduates and collect pertinent data follow-up</p>	<p>September, 2010</p>	<p>Graduate follow-up MDESE Sims data</p>
	<p>Re-organization of the Cooperative Education Program</p>	<p>September, 2010</p>	<p>Increased number of students employed through Co-op</p>
	<p>Development of Co-op handbook and revision of forms.</p>	<p>September, 2009</p>	<p>Completion of EPP's for all students not scoring proficient on MCAS</p>
	<p>Analyze placement data</p>	<p>September, 2010</p>	
	<p>Completion of EPP's</p>	<p>September, 2009</p>	

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GOAL #5	ACTIVITIES	EXPECTED DATE OF COMPLETION	EVALUATION
<p>Improve District Technology Infrastructure</p> <p>Data Source(s):</p> <p>Program evaluation</p> <p>Website</p> <p>Feedback technology committee</p>	<p>Revise Technology Plan on an ongoing basis. Plan submitted updated through 2011. Approval expected 5/09</p>	<p>Plan by MDESE in 2006. In progress report will be January, 2010.</p>	<p>Program evaluation forms.</p> <p>Technology committee to evaluate improvements to infrastructure, increase in hardware and review new policies.</p> <p>Track use of website. Parent, student, teacher feedback.</p> <p>Intranet resources Staff feedback</p> <p>Increased use of X2 – feedback IT department and faculty</p> <p>Staff feedback</p> <p>Staff feedback</p>
	<p>Increase and Improve School's Hardware Inventory. 20%/year replacement 24%/year replacement of high availability system</p>	<p>Continuous-progress report due September 2009.</p>	
	<p>Disaster recovery plan Revision to accommodate changes in infrastructure</p>	<p>In progress</p>	
	<p>Revision of all network policies to comply with new hardware</p>	<p>In progress</p>	
	<p>Infrastructure upgrades</p>	<p>In progress</p>	
	<p>Develop technology planning and integration team</p>	<p>Report due December 2009</p>	
	<p>Further development of the school website making it more useful to teachers, students and parents. Development of intranet resources page by school improvement technology committee.</p>	<p>Progress Report due June, 2010</p>	
	<p>Expansion and refinement of X2 student information system. (Continue to expand the role of the system and all applications.</p>	<p>Progress report due June, 2009</p>	
	<p>Continued training for special education staff on X2 IEP and related forms</p>	<p>December, 2009</p>	
	<p>Implement web based IT help desk</p>	<p>September, 2009</p>	