

Action Plan

OBJECTIVE 1: Technology will be used to enhance learning in such a way that ISAT/PSAE mathematics scores in grades 3-11 will show an 11% increase from our lowest meets/exceeds percentage of 69% , to an 80% by year 2010.

Part B: Curriculum and Instruction

Phase I: 2007-2008

Strategy B.1	<i>Students will participate in inquiry-based, technology enhanced math activities to improve their mathematical skills.(NETS-S 3.1, 6.1) (ILS 6.C) (http://www.edtechactionnetwork.org/student_achieve.html)</i>	Date		Budget & Funding Sources								
		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other	
Activities												
B.1.1	STUDENTS WILL USE TECHNOLOGY TOOLS AS A MEANS OF CHECKING THEIR WORK AFTER COMPLETING MATH ASSIGNMENTS.	010/01/07	05/20/08	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.2	STUDENTS WILL USE THE WEB-BASED MATHEMATICS PROGRAM PURCHASED BY THE DISTRICT, OR THE ON-LINE MATH ACTIVITIES CHOSEN BY THE DISTRICT AT SCHOOL AND AT HOME.	04/01/07	05/20/08	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.3	STUDENTS WILL ACCESS MATHEMATICAL WEB RESOURCES THAT GO ALONG WITH THEIR TEXTBOOKS AT SCHOOL AND AT HOME.	09/01/07	05/20/07	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.4	STUDENTS WILL HAVE BEFORE AND/OR AFTER SCHOOL ACCESS TO THE COMPUTER LAB, TO ENSURE THAT ALL STUDENTS, INCLUDING LOW-INCOME STUDENTS WHO DO NOT HAVE HOME ACCESS, HAVE ACCESS TO TECHNOLOGY.	09/01/07	05/20/07	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.5	STUDENTS AND THEIR PARENTS WILL READ/SIGN AUP FORMS WHEN THEY REGISTER FOR CLASSES AT REGISTRATION.	08/14/07	08/22/07	\$0	0%	\$0	0%		\$0	\$0	\$0	

Part C: Professional Development

Phase I: 2007-2008

Strategy C.1	<i>Teachers will research and choose on-line or district mathematics software to improve student math skills. (NETS-T II.C, II.D) (http://www.apple.com/education/research/)</i>	Date		Budget & Funding Sources							
		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
Activities											
C.1.1	A COMMITTEE OF TEACHERS IN THE DISTRICT REPRESENTING GRADES 1-11 WILL LOOK AT VARIOUS SOFTWARE/ON-LINE PROGRAMS THAT WILL AID IN MATHEMATICS INSTRUCTION. (8 TEACHERS X \$15/MEETING X 4 MEETINGS)	09/07/07	12/07/07	\$0	0%	\$0	0%		\$0	\$480	\$0

C.1.2	THE COMMITTEE WILL RECOMMEND 3 PROGRAMS TO TEACHERS AT A MEETING IN JAN. TEACHERS WILL RANK PREFERENCES AND SUBMIT CHOICE TO BUILDING ADMINISTRATOR. BUILDING ADMINISTRATOR WILL DECIDE UPON SOFTWARE PROGRAM OR ON-LINE PROGRAM TO IMPLEMENT.	01/10/07	01/30/07	\$0	0%	\$0	0%			\$0	\$0	\$0
C.1.3	TEACHERS WILL CHECK TO SEE IF MATHEMATICS TEXTBOOKS HAVE ON-LINE RESOURCES.	08/27/07	08/30/07	\$0	0%	\$0	0%			\$0	\$0	\$0
Strategy C.2	<i>Implement professional development focusing on instructional practices utilizing technology to support math. (NETS-T II.D, V.A) http://my.nctm.org/eresources/article_summary.asp?From=B&uri=MT2006-09-125a</i>	Date		Budget & Funding Sources								
Activities		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other	
C.2.1	TRAIN ALL TEACHERS ON HOW TO ACCESS AND IMPLEMENT THE MATHEMATICS SOFTWARE OR ON-LINE PROGRAM THAT HAS BEEN ADOPTED BY THE BUILDING. (NOTE: TEACHERS WILL USE CONTRACT HOURS WITH AN EARLY DISMISSAL DAY)	03/20/08	03/20/08	\$0	0%	\$0	0%			\$0	\$0	\$0
C.2.2	TEACHERS WILL MEET TO REVIEW /REFRESH THEIR TRAINING ON THE MATH SOFTWARE OR ON-LINE PROGRAM THAT WAS ADOPTED BY THE BUILDING. (20 TEACHERS X 2 MEETINGS X \$15/HOUR X 1 HOUR)	04/20/07	05/20/07	\$200	0%	\$0	0%			\$0	\$400	\$0
C.2.3	TECHNOLOGY COORDINATORS WILL MEET WITH EACH TEACHER ONCE EVERY TWO WEEKS TO SEE IF THERE ARE ISSUES OR QUESTIONS IN REGARDS TO THE MATHEMATICS PROGRAM. (http://www.citejournal.org/vol6/iss1/MATHEMATICS/ARTICLE1.CFM)	04/01/08	05/20/08	\$0	0%	\$0	0%			\$0	\$0	\$0
Strategy C.3	<i>Begin to pursue innovative technology strategies to use in mathematics education. (NETS-A II.B, III.E) (http://www.Blackwell-synergy.com/doi/abs/10.1111/j.1467-9620.2005.00544.x)</i>	Date		Budget & Funding Sources								
Activities		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other	
C.3.1	FORM COMMITTEE (HS TECH. COORDINATOR, PRINCIPAL, GUIDANCE COUNSELOR, COMMUNITY COLLEGE REP.) TO INVESTIGATE THE POSSIBILITIES OF OFFERING DISTANCE LEARNING MATH CLASSES.	10/01/07	12/01/07	\$0	0%	\$0	0%			\$0	\$0	\$0
Strategy C.4	<i>Support the capacity of all district personnel to integrate technology in the curriculum and other school daily operations, resulting in improved instruction. (NETS-A II.E)</i>	Date		Budget & Funding Sources								
Activities		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other	

C.4.1	OFFER TRAINING FOR TEACHERS, PRINCIPALS, ADMINISTRATORS, AND SCHOOL LIBRARY MEDIA PERSONNEL QUARTERLY AS PART OF SIP DAYS TO ENSURE THAT ALL STAFF KNOWS HOW TO USE NEW TECHNOLOGIES TO IMPROVE EDUCATION. (E.G. DRUPAL, ZIMBRA WEB-MAIL, UNITEDSTREAMING)	08/20/07	05/20/08	\$0	0%	\$0	0%	\$0	\$0	\$0
C.4.2	USING NET-S AS A GUIDELINE, TECHNOLOGY COORDINATORS WILL WORK TOGETHER TO DEVELOP A DISTRICT TECHNOLOGY CURRICULUM THAT WILL INCLUDE A SKILLS ASSESSMENT CHECKLIST AT EACH GRADE LEVEL.	08/21/07	10/30/07	\$0	0%	\$0	0%	\$0	\$0	\$0

Part D: Parental/Community Involvement											
Phase I: 2007-2008											
Strategy	Activities	Date		Budget & Funding Sources							
		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
D.1	Make parents and community aware of the adopted mathematics program. (NETS-A I.A) (http://www.figurethis.org/powerpoint/ef-presentation_blackline.ppt)										
D.1.1	INFORM PARENTS/COMMUNITY OF ADOPTED MATHEMATICS PROGRAM THROUGH DISTRICT NEWSLETTER AND NEWSPAPER, AND WEB SITE.	04/01/08	04/30/08	\$0	0%	\$0	0%		\$0	\$0	\$0
D.1.2	INVITE LOCAL COMMUNITY MEMBERS WHO UTILIZE MATHEMATICS IN THEIR JOBS TO SPEAK TO THE CLASSES ON THE IMPORTANCE OF MATHEMATICS FOR THEIR FUTURES.	04/01/08	05/20/08	\$0	0%	\$0	0%		\$0	\$0	\$0
D.2	Implement parent trainings to assist them in utilizing technology to support mathematics at home. (NETS-A II.B) (http://standards.nctm.org/document/chapter8)										
D.2.1	BUILDING TECHNOLOGY COORDINATORS WILL OFFER TRAINING TO PARENTS DURING P/T CONFERENCE DAYS ON HOW TO ACCESS STUDENT GRADES ON-LINE FROM HOME USING STI HOME+.	11/01/07	11/02/07	\$0	0%	\$0	0%		\$0	\$0	\$0
D.2.2	OFFER BASIC INTERNET/E-MAIL CLASSES TO PARENTS AND OTHER ADULTS BY TECHNOLOGY COORDINATORS IN THE EVENINGS TO PARENTS 2 TIMES EACH SEMESTER **WILL BE COORDINATED WITH MRS. BARB PEARSON, ADULT LITERACY PROVIDER, AND WILL BE OFFERED TO ANY OF HER STUDENTS AT NO CHARGE. (4 SESSIONS X \$25/SESSION)	09/01/07	05/20/08	\$100	0%	\$0	0%		\$0	\$0	\$0
D.2.3	AN OVERVIEW OF THE MATHEMATICS SOFTWARE/ ON-LINE PROGRAM WILL BE PRESENTED TO PARENTS, WITH INITIAL TRAINING BEING DELIVERED. (HTTP://WWW.NCTM.ORG/NEWS /CONTENT .ASPX?ID=5870&ITEMID=5870&LINKIDENTIFIER=ID)	03/13/08	03/13/08	\$25	0%	\$0	0%		\$0	\$0	\$0

Strategy D.3	Parents and community will be made aware of the mobile lab and additional technology purchases.(See Part E below)	Date		Budget & Funding Sources							
		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
Activities		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
D.3.1	ARTICLES IN THE STORM TRACKER NEWSPAPER, NEWSLETTER, AND DISTRICT WEB PAGES WILL INFORM PARENTS AND THE COMMUNITY OF THE MOBILE TECHNOLOGY LAB PURCHASE.	09/01/07	09/30/07	\$0	0%	\$0	0%		\$0	\$0	\$0
D.3.2	MOBILE TECHNOLOGY LAB WILL BE ON DISPLAY AT THE PARENT/TEACHER CONFERENCES.	11/01/07	11/02/07	\$0	0%	\$0	0%		\$0	\$0	\$0

Part E: Technology Deployment

Phase I: 2007-2008

Strategy E.1	Ensure that a wide range of technology tools are available, with necessary policies, procedures, and resources in place to support the needs of all students and district personnel, particularly in relation to mathematics. (NETS-A 1.B) (http://taylorandfrancis.metapress.com/content/k126544w31825156/)	Date		Budget & Funding Sources							
		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
Activities		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
E.1.1	BUILDING TECHNOLOGY COORDINATORS WILL PURCHASE MATHEMATICS SOFTWARE (ELECTRONIC LEARNING MATERIALS) THAT WAS ADOPTED BY THE BUILDING, AND ANY WEB-BASED MATHEMATICS ACTIVITIES ACCESSIBLE TO ALL UNITED INDIVIDUALS AND HAVE THEM INSTALLED ON THE NETWORK FOR STUDENT, DISTRICT, HOME ACCESS.	03/01/07	03/14/07	\$2,360	0%	\$0	0%		\$0	\$1,000	\$0
E.1.2	THE NORTH ELEMENTARY BUILDING WILL PURCHASE A 30 UNIT ROLLING CART SO THAT TEACHERS CAN INTEGRATE TECHNOLOGY INTO THEIR MATHEMATICS CURRICULUM AND ALLOW STUDENTS TO DEVELOP REQUIRED TECHNOLOGY SKILLS.	07/01/07	07/13/07	\$30,000	0%	\$0	0%		\$0	\$0	\$2,000
E.1.3	MAINTAIN TELECOMMUNICATION SERVICES (LOCAL/LONG DISTANCE, ETC.) TO SUPPORT LEARNING AND DAY-TO-DAY OPERATIONS.	07/01/07	06/30/08	\$4,793	35%	\$8,587	65%	R	\$0	\$0	\$0
E.1.4	MAINTAIN T-1 CAPABILITIES (LAN LINE AND/OR WIRELESS) FOR INTERNET ACCESS TO CLASSROOMS, LABS, AND OFFICES TO SUPPORT DAILY SCHOOL OPERATIONS.	07/01/07	06/30/08	\$3,421	35%	\$6,354	65%	R	\$0	\$0	\$0
E.1.5	PURCHASE ADDITIONAL TECHNOLOGY TOOLS FOR STUDENT AND TEACHER USE TO SUPPORT ACADEMIC ACHIEVEMENT AND TECHNOLOGY LITERACY. (TO INCLUDE, BUT NOT BE LIMITED TO, TECHNOLOGY UPGRADES, VOIP TECHNOLOGIES, DISTANCE LEARNING TECHNOLOGIES, NEW TECHNOLOGY PURCHASES)	07/01/07	08/21/07	\$124,250	0%	\$0	0%		\$0	\$0	\$0
E.1.6	MAINTAIN TECHNICAL SUPPORT TO EFFECTIVELY AND EFFICIENTLY SUPPORT TECHNOLOGY AND RESOURCES. (CONTRACT SUPPORT SERVICES: \$90/HOUR X 200 HOURS X 10% DISCOUNT)	07/01/07	06/30/08	\$16,200	0%	\$0	0%		\$0	\$0	\$0

E.1.7	STUDENTS WILL BE PROVIDED WITH SAFE TECHNOLOGY TOOLS, AS THE DISTRICT BOARD WILL READ/APPROVE AUP THAT ARE PLACED IN STUDENT HANDBOOK.	07/01/07	07/30/07	\$0	0%	\$0	0%	\$0	\$0	\$0



Phase I Budget Totals	Totals for Objective 1--Phase I	Budget Totals	\$181,349	14,941.00	\$0	\$1,880	\$2,000
			District	e-Rate	EETT	Title I	Other

Action Plan

OBJECTIVE 1: Technology will be used to enhance learning in such a way that ISAT/PSAE mathematics scores in grades 3-11 will show an 11% increase from our lowest meets/exceeds percentage of 69% , to an 80% by year 2010.

Part B: Curriculum and Instruction

Phase II: 2008-2009

Strategy B.1	Students will participate in inquiry-based, technology enhanced math activities to improve their mathematical skills.(NETS-S 3.1, 6.1) (ILS 6.C) (http://www.edtechactionnetwork.org/student_achieve.html)	Date		Budget & Funding Sources								
		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other	
	Activities											
B.1.1	STUDENTS WILL CONTINUE TO USE TECHNOLOGY TOOLS AS A MEANS OF CHECKING THEIR WORK AFTER COMPLETING MATH ASSIGNMENTS.	09/01/08	05/22/09	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.2	STUDENTS WILL USE THE WEB-BASED MATHEMATICS PROGRAM OR THE ON-LINE MATH ACTIVITIES AT SCHOOL AND AT HOME.	09/01/08	05/22/09	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.3	STUDENTS WILL ACCESS MATHEMATICAL WEB RESOURCES THAT GO ALONG WITH THEIR TEXTBOOKS AT SCHOOL AND AT HOME.	09/01/08	05/22/09	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.4	STUDENTS WILL HAVE BEFORE AND/OR AFTER SCHOOL ACCESS TO THE COMPUTER LAB, TO ENSURE THAT ALL STUDENTS, INCLUDING LOW-INCOME STUDENTS WHO DO NOT HAVE HOME ACCESS, HAVE ACCESS TO TECHNOLOGY.	09/01/08	05/22/09	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.5	STUDENTS AND THEIR PARENTS WILL READ/SIGN AUP FORMS WHEN THEY REGISTER FOR CLASSES.	08/14/08	08/29/08	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.6	STUDENTS WILL BEGIN WORKING ON MATH LESSONS THAT ARE TECHNOLOGY ENHANCED AND INCORPORATE NETS-S BASED TECHNOLOGY SKILLS FROM DISTRICT TECHNOLOGY CURRICULUM.	10/01/08	05/22/09	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.7	JR HIGH STUDENTS WILL BEGIN USING CHANNEL ONE CAPABILITIES TO BROADCAST A 'MATH QUESTION OF THE DAY'; STUDENTS WILL SUBMIT ANSWERS FOR CHANCE AT A MONTHLY DRAWING.	09/01/08	05/22/09	\$0	0%	\$0	0%		\$0	\$0	\$200 PTO funds	
B.1.8	STUDENTS WILL BEGIN TAKING MATHEMATICS CLASSES VIA DISTANCE LEARNING.	08/20/08	05/22/09	\$0	0%	\$0	0%		\$0	\$0	\$0	

Part C: Professional Development

Phase II: 2008-2009

Strategy C.1	Teachers will research and choose on-line or district mathematics software to improve student math skills. (NETS-T II.C, II.D) (http://www.apple.com/education/research/)										
Activities		Date		Budget & Funding Sources							
		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
C.1.1	STUDENT MATHEMATICS GRADES WILL BE RANDOMLY MONITORED BY THE TEACHER COMMITTEE FROM PHASE I TO SEE IF PROGRAMS ARE IMPROVING MATH SKILLS.	09/10/08	05/22/09	\$0	0%	\$0	0%		\$0	\$0	\$0
C.1.2	COMMITTEE WILL REVIEW ISAT SCORES TO SEE IF STUDENTS HAVE MADE GAINS IN MATH SCORES. IF NO GAINS ARE SHOWN, COMMITTEE WILL BEGIN LOOKING AT ALTERNATIVE PROGRAMS OR ACTIVITIES TO IMPLEMENT IN PHASE III. (8 TEACHERS X \$15/MEETING X 2 MEETINGS)	03/20/09	04/20/09	\$0	0%	\$0	0%		\$0	\$240	\$0
Strategy C.2	Implement professional development focusing on instructional practices utilizing technology to support math. (NETS-T II.D, V.A) http://my.nctm.org/eresources/article_summary.asp?From=B&uri=MT2006-09-125a										
Activities		Date		Budget & Funding Sources							
		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
C.2.1	TRAIN ALL NEW TEACHERS AND REFRESH ALL OTHER DISTRICT PERSONNEL ON HOW TO ACCESS AND IMPLEMENT THE MATHEMATICS SOFTWARE OR ON-LINE PROGRAM THAT HAS BEEN ADOPTED BY THE BUILDING. (NOTE: TEACHERS WILL BE TRAINED DURING INITIAL SCHOOL IN-SERVICE DAY)	08/20/09	08/20/09	\$0	0%	\$0	0%		\$0	\$0	\$0
C.2.2	TEACHERS WILL MEET QUARTERLY TO REVIEW/ REFRESH THEIR TRAINING ON THE MATH SOFTWARE OR ON-LINE PROGRAM THAT WAS ADOPTED BY THE BUILDING. (20 TEACHERS X 4 MEETINGS X \$15/HOUR X 1 HOUR)	08/20/08	05/22/09	\$800	0%	\$0	0%		\$0	\$400	\$0
C.2.3	TECHNOLOGY COORDINATORS WILL MEET WITH EACH TEACHER ONCE EVERY TWO WEEKS TO SEE IF THERE ARE ISSUES OR QUESTIONS IN REGARDS TO THE MATHEMATICS PROGRAM. (HTTP://WWW.CITEJOURNAL.ORG/VOL6/ISS1/MATHEMATICS/ARTICLE1.CFM)	09/01/09	05/22/09	\$0	0%	\$0	0%		\$0	\$0	\$0
C.2.4	TEACHERS WILL ESTABLISH AND MAINTAIN WEB PAGES THAT INCLUDE MATH LINKS STUDENTS CAN ACCESS TO REINFORCE MATHEMATICS SKILLS.	09/01/09	05/22/09	\$0	0%	\$0	0%		\$0	\$0	\$0
C.2.5	TEACHERS WILL BEGIN CREATING MATH LESSONS THAT SEAMLESSLY INCORPORATE TECHNOLOGY SKILLS STUDENTS NEED TO KNOW BASED ON THE DISTRICT TECHNOLOGY CURRICULUM CHECKLIST.	08/20/08	05/22/09	\$0	0%	\$0	0%		\$0	\$0	\$0

Strategy C.3	Pursue innovative tech strategies to use in mathematics education. (NETS-A II.B, III.E) (http://www.blackwell-synergy.com/doi/abs/10.1111/j.1467-9620.2005.00544.x)										
Activities		Date		Budget & Funding Sources							
		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other

C.3.1	DISTANCE LEARNING COMMITTEE WILL BEGIN IMPLEMENTING 1 ST DISTANCE LEARNING MATHEMATICS CLASS.	08/20/08	05/22/09	\$0	0%	\$0	0%		\$0	\$0	\$0
C.3.2	TEACHER INVOLVED WITH DISTANCE LEARNING CLASS WILL RECEIVE POLYCOM TRAINING.	08/01/07	08/18/07	\$200	0%	0	0%		\$0	\$0	\$0
C.3.3	DISTANCE LEARNING COMMITTEE WILL BEGIN EXPLORING THE POSSIBILITIES OF ADDING HIGH SCHOOL TUTORING OF ELEMENTARY/JUNIOR HIGH STUDENTS VIA DISTANCE LEARNING IN PHASE III.	09/01/08	05/22/09	\$0	0%	\$0	0%		\$0	\$0	\$0
Strategy C.4	<i>Support the capacity of all district personnel to integrate technology in the curriculum and other school daily operations, resulting in improved instruction. (NETS-A II.E)</i>	Date		Budget & Funding Sources							
Activities		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
C.4.1	OFFER TRAINING FOR TEACHERS, PRINCIPALS, ADMINISTRATORS, AND SCHOOL LIBRARY MEDIA PERSONNEL QUARTERLY AS PART OF SIP DAYS TO ENSURE THAT ALL STAFF KNOWS HOW TO USE NEW TECHNOLOGIES TO IMPROVE EDUCATION. (E.G. PODCASTING, BLOGGING, WEB PAGE DESIGN)	08/20/08	05/22/09	\$400	0%	\$0	0%		\$0	\$400	\$0
C.4.2	TECHNOLOGY COORDINATORS WILL MEET WITH TEACHERS IN THEIR BUILDING TO SHARE THE DISTRICT TECHNOLOGY CURRICULUM AND WILL EXPLAIN THE SKILLS ASSESSMENT CHECKLIST AT EACH GRADE LEVEL. (NOTE: TEACHERS WILL BE TRAINED DURING INITIAL SCHOOL IN-SERVICE DAY)	08/18/08	08/18/08	\$0	0%	\$0	0%		\$0	\$0	\$0

Part D: Parental/Community Involvement

Phase II: 2008-2009

Strategy D.1	<i>Make parents and community aware of the adopted mathematics program. (NETS-A I.A)</i> (http://www.figurethis.org/powerpoint/ef-presentation_blackline.ppt)	Date		Budget & Funding Sources							
Activities		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
D.1.1	TEACHERS HOLD RANDOM INFORMAL INTERVIEWS WITH PARENTS DURING P/T CONFERENCES TO GET THEIR OPINION ON THE RESULTS OF THE IMPLEMENTED MATHEMATICS PROGRAM.	11/06/08	11/07/08	\$0	0%	\$0	0%		\$0	\$0	\$0
D.1.2	IF MAT8 AND ISAT SCORES SHOW PROGRESS, INFORM PARENTS/ COMMUNITY THROUGH SCHOOL NEWSPAPER AND NEWSLETTER.	04/01/09	04/30/09	\$0	0%	\$0	0%		\$0	\$0	\$0
Strategy D.2	<i>Implement parent trainings to assist them in utilizing technology to support mathematics at home. (NETS-A II.B)</i> (http://standards.nctm.org/document/chapter8)	Date		Budget & Funding Sources							
Activities		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other

D.2.1	OFFER TRAINING TO PARENTS DURING P/T CONFERENCE DAYS ON HOW TO ACCESS STUDENT GRADES ON-LINE USING STI HOME+.	11/06/08	11/07/08	\$0	0%	\$0	0%		\$0	\$0	\$0
D.2.2	OFFER BASIC WORD PROCESSING CLASSES TO PARENTS AND OTHER ADULTS BY TECHNOLOGY COORDINATORS IN THE EVENINGS TO PARENTS 2 TIMES EACH SEMESTER **WILL BE COORDINATED WITH MRS. BARB PEARSON, ADULT LITERACY PROVIDER, AND WILL BE OFFERED TO ANY OF HER STUDENTS AT NO CHARGE. (4 SESSIONS X \$25/SESSION = \$100)	09/01/08	05/22/09	\$100	0%	\$0	0%		\$0	\$0	\$0
D.2.3	AN OVERVIEW OF THE MATHEMATICS SOFTWARE/ ON-LINE PROGRAM WILL BE PRESENTED TO PARENTS, WITH REFRESHER TRAINING BEING DELIVERED. (HTTP://WWW.NCTM.ORG/NEWS/CONTENT .ASPX?ID=5870&ITEMID=5870&LINKIDENTIFIER=ID)	11/06/08	11/07/08	\$25	0%	\$0	0%		\$0	\$0	\$0
Strategy D.3	Parents and community will be made aware of the mobile lab and additional technology purchases.(Part E)	Date		Budget & Funding Sources							
Activities		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
D.3.1	ARTICLES IN THE STORM TRACKER NEWSPAPER, SCHOOL NEWSLETTER, AND DISTRICT WEB PAGES WILL INFORM PARENTS AND THE COMMUNITY OF THE MOBILE TECHNOLOGY LAB PURCHASE.	09/01/08	09/30/08	\$0	0%	\$0	0%		\$0	\$0	\$0
D.3.2	MOBILE TECHNOLOGY LAB WILL BE ON DISPLAY AT THE PARENT/TEACHER CONFERENCES.	11/01/08	11/02/08	\$0	0%	\$0	0%		\$0	\$0	\$0

Part E: Technology Deployment

Phase II: 2008-2009

Strategy E.1	Ensure a wide range of technology tools are available, with policies, resources, & procedures to support the needs of students and district personnel, in relation to math. (NETS-A 1.B) (http://taylorand francis.metapress.com/content/ k126544w31825156/)	Date		Budget & Funding Sources							
Activities		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
E.1.1	BUILDING TECHNOLOGY COORDINATORS WILL INSTALL UPDATES TO MATH SOFTWARE/ON-LINE PROGRAM IF NEEDED.	08/01/08	08/21/08	\$0	0%	\$0	0%		\$0	\$0	\$0
E.1.2	THE WEST ELEMENTARY BUILDING WILL BUY A ROLLING LAB TO INTEGRATE TECHNOLOGY INTO THE MATH CURRICULUM AND ALLOW STUDENTS TO DEVELOP TECHNOLOGY SKILLS.	07/01/08	07/13/08	\$30,000	0%	\$0	0%		\$0	\$0	\$2,000 PTO funds
E.1.3	MAINTAIN TELECOMMUNICATION SERVICES (LOCAL/LONG DISTANCE, ETC.) TO SUPPORT LEARNING AND DAY-TO-DAY OPERATIONS.	07/01/08	06/30/09	\$4,793	35%	\$8,587	65%	R	\$0	\$0	\$0
E.1.4	MAINTAIN T-1 CAPABILITIES FOR INTERNET ACCESS TO CLASSROOMS, LABS, AND OFFICES, SUPPORTING DAILY OPERATIONS.	07/01/08	06/30/09	\$3,421	35%	\$6,354	65%	R	\$0	\$0	\$0

E.1.5	PURCHASE ADDITIONAL TECHNOLOGY TOOLS FOR STUDENT AND TEACHER USE TO SUPPORT ACADEMIC ACHIEVEMENT AND TECHNOLOGY LITERACY. (TO INCLUDE, BUT NOT BE LIMITED TO, TECHNOLOGY UPGRADES, VOIP TECHNOLOGIES, DISTANCE LEARNING TECHNOLOGIES, NEW TECHNOLOGY PURCHASES)	07/01/08	08/21/08	30500	0%	\$0	0%	\$0	\$0	0
E.1.6	MAINTAIN TECHNICAL SUPPORT TO SUPPORT TECHNOLOGY AND RESOURCES. (CONTRACT SUPPORT SERVICES: \$90/HOUR X 100 HOURS X 10% DISCOUNT)	07/01/08	06/30/09	8100	0%	\$0	0%	\$0	\$0	0
E.1.7	STUDENTS WILL HAVE SAFE TECHNOLOGY TOOLS, AS THE DISTRICT BOARD WILL READ/APPROVE AUP PLACED IN THE STUDENT HANDBOOK.	07/01/08	07/30/08	0	0%	0	0%	0	0	0
E.1.8	SET UP DISTANCE LEARNING CLASSROOM.	08/20/08	05/22/09	\$0	0%	\$0	0%	\$0	\$0	\$0

Phase II Budget Totals	Totals for Objective 1--Phase II	Budget Totals	\$78,339	\$14,941	\$0	\$1,040	\$2,200
			District	e-Rate	EETT	Title I	Other

Action Plan

OBJECTIVE 1: Technology will be used to enhance learning in such a way that ISAT/PSAE mathematics scores in grades 3-11 will show an 11% increase from our lowest meets/exceeds percentage of 69% , to an 80% by year 2010.

Part B: Curriculum and Instruction

Phase III: 2009-2010

Strategy B.1	Students will participate in inquiry-based, technology enhanced math activities to improve their mathematical skills. (NETS-S 3.1, 6.1) (ILS 6.C) (http://www.edtechactionnetwork.org/student_achieve.html)	Date		Budget & Funding Sources								
		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other	
	Activities											
B.1.1	STUDENTS WILL CONTINUE TO USE TECHNOLOGY TOOLS AS A MEANS OF CHECKING THEIR WORK AFTER COMPLETING MATH ASSIGNMENTS.	09/01/09	05/20/10	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.2	STUDENTS WILL CONTINUE TO USE WEB-BASED MATHEMATICS PROGRAM OR THE ON-LINE MATH ACTIVITIES CHOSEN BY THE DISTRICT AT SCHOOL AND AT HOME.	04/01/09	05/20/10	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.3	STUDENTS WILL CONTINUE TO ACCESS MATHEMATICAL WEB RESOURCES THAT GO ALONG WITH THEIR TEXTBOOKS AT SCHOOL AND HOME.	09/01/09	05/20/10	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.4	STUDENTS WILL HAVE BEFORE AND/OR AFTER SCHOOL ACCESS TO THE COMPUTER LAB, TO ENSURE THAT ALL STUDENTS, INCLUDING LOW-INCOME STUDENTS WHO DO NOT HAVE HOME ACCESS, HAVE ACCESS TO TECHNOLOGY.	09/01/09	05/20/10	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.5	STUDENTS AND THEIR PARENTS WILL READ/SIGN AUP FORMS WHEN THEY REGISTER FOR CLASSES.	08/18/09	08/20/09	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.6	STUDENTS WILL CONTINUE WORKING ON MATH LESSONS THAT ARE TECHNOLOGY ENHANCED AND INCORPORATE NETS-S BASED TECHNOLOGY SKILLS FROM DISTRICT TECHNOLOGY CURRICULUM.	09/01/09	05/20/10	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.7	JR HIGH STUDENTS WILL BEGIN USING CHANNEL ONE CAPABILITIES TO BROADCAST A 'MATH QUESTION OF THE DAY'; STUDENTS WILL SUBMIT ANSWERS FOR CHANCE AT A MONTHLY DRAWING.	09/01/08	05/22/09	\$0	0%	\$0	0%		\$0	\$0	\$200 PTO funds	
B.1.8	STUDENTS WILL CONTINUE TAKING MATHEMATICS CLASSES VIA DISTANCE LEARNING.	08/20/09	05/20/10	\$0	0%	\$0	0%		\$0	\$0	\$0	
B.1.9	GRADES 1-8 STUDENTS WILL BEGIN RECEIVING MENTORING FROM HIGH SCHOOL STUDENTS IN MATHEMATICS VIA DISTANCE LEARNING.	10/01/09	05/20/10	\$0	0%	\$0	0%		\$0	\$0	\$0	

Part C: Professional Development

Phase III: 2009-2010

Strategy C.1	<i>Teachers will research and choose on-line or district mathematics software to improve student math skills. (NETS-T II.C, II.D)</i> (http://www.apple.com/education/research/)	Date		Budget & Funding Sources								
		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other	
Activities												
C.1.1	TEACHERS WILL INVESTIGATE A NUMBER OF ADDITIONAL MATHEMATICS WEB SITES TO USE WITH THEIR STUDENTS AS AN ALTERNATIVE TO THE SITES THEY HAVE BEEN USING.	09/01/09	10/01/09	\$0	0%	\$0	0%			\$0	\$0	\$0
Activities												
Strategy C.2	<i>Implement professional development focusing on instructional practices utilizing technology to support math. (NETS-T II.D, V.A)</i> http://my.nctm.org/eresources/article_summary.asp?From=B&uri=MT2006-09-125a	Date		Budget & Funding Sources								
		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other	
Activities												
C.2.1	IF ALTERNATIVE PROGRAMS OR ACTIVITIES NEED TO BE IMPLEMENTED INTO THE MATHEMATICS PROGRAM, THE TEACHERS RECEIVE TRAINING ON HOW TO INTEGRATE THESE ACTIVITIES IN THEIR MATHEMATICS CLASSES. (20 TEACHERS X 1 MEETING X \$15/HOUR X 2 HOURS)	10/01/09	10/31/10	\$200	0%	\$0	0%			\$0	\$400	\$0
C.2.2	TEACHERS WILL MEET TO REVIEW /REFRESH THEIR TRAINING ON THE MATH SOFTWARE OR ON-LINE PROGRAM THAT WAS ADOPTED BY THE BUILDING. (20 TEACHERS X 2 MEETINGS X \$15/HOUR X 1 HOUR)	08/20/09	10/31/10	\$200	0%	\$0	0%			\$0	\$400	\$0
C.2.3	TECHNOLOGY COORDINATORS WILL MEET WITH EACH TEACHER ONCE EVERY TWO WEEKS TO SEE IF THERE ARE ISSUES OR QUESTIONS IN REGARDS TO THE MATHEMATICS PROGRAM. (HTTP://WWW.CITEJOURNAL.ORG/VOL6/ISS1/MATHEMATICS/ARTICLE1.CFM)	09/01/09	05/20/10	\$0.00	0%	\$0	0%			\$0	\$0	\$0
C.2.4	TEACHERS WILL UPDATE AND ADD TO WEB PAGES THAT INCLUDE MATH LINKS STUDENTS CAN ACCESS TO REINFORCE MATHEMATICS SKILLS.	08/20/08	05/22/09	\$0	0%	\$0	0%			\$0	\$0	\$0
C.2.5	TEACHERS WILL CONTINUE CREATING MATH LESSONS THAT SEAMLESSLY INCORPORATE TECHNOLOGY SKILLS STUDENTS NEED TO KNOW BASED ON THE DISTRICT TECHNOLOGY CURRICULUM CHECKLIST.	08/20/08	05/22/09	\$0	0%	\$0	0%			\$0	\$0	\$0
Activities												
Strategy C.3	<i>Begin to pursue innovative technology strategies to use in mathematics education. (NETS-A II.B, III.E)</i> (http://www.blackwell-synergy.com/doi/abs/10.1111/j.1467-9620.2005.00544.x)	Date		Budget & Funding Sources								
		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other	
Activities												
C.3.1	DISTANCE LEARNING COMMITTEE WILL EVALUATE THE DISTANCE LEARNING CLASS OFFERED IN THE PREVIOUS YEAR, AND MAKE SUGGESTIONS/ RECOMMENDATIONS FOR CONTINUING.	08/01/09	08/15/09	\$0	0%	\$0	0%			\$0	\$0	\$0

C.3.2	TRAIN/OFFER REFRESHER TRAINING ON THE POLYCOM TO DO DISTANCE LEARNING.	08/01/09	08/15/09	\$200	0%	0	0%		\$0	\$0	\$0
C.3.3	COMMITTEE WILL OVERSEE THE MENTORING PROGRAM THAT WILL BE OFFERED TO 3-8 STUDENTS BY HIGH SCHOOL STUDENTS.	08/20/09	05/20/10	\$0	0%	\$0	0%		\$0	\$0	\$0
C.3.4	TRAIN ALL TEACHERS ON HOW TO ACCESS AND IMPLEMENT INNOVATIVE APPROACHES TO TEACH MATH USING TECHNOLOGY. (NOTE: TEACHERS WILL USE CONTRACT HOURS WITH AN EARLY DISMISSAL DAY)	09/01/09	05/20/10	\$0	0%	\$0	0%		\$0	\$0	\$0
Strategy C.4	<i>Support capacity of all personnel to integrate technology in the curriculum and daily school operations, resulting in improved instruction. (NETS-A II.E)</i>	Date		Budget & Funding Sources							
Activities		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
C.4.1	OFFER TRAINING FOR TEACHERS, PRINCIPALS, ADMINISTRATORS, AND SCHOOL LIBRARY MEDIA PERSONNEL QUARTERLY AS PART OF SIP DAYS TO ENSURE THAT ALL STAFF KNOWS HOW TO USE NEW TECHNOLOGIES TO IMPROVE EDUCATION.	08/20/09	05/20/10	\$400	0%	\$0	0%		\$0	\$400	\$0
C.4.2	TECHNOLOGY COORDINATORS WILL MEET WITH TEACHERS IN THEIR BUILDING MONTHLY TO ASSIST TEACHERS IN INTEGRATING TECHNOLOGY CURRICULUM INTO THEIR MATH ACTIVITIES.	08/18/09	05/20/10	\$0	0%	\$0	0%		\$0	\$0	\$0

Part D: Parental/Community Involvement

Phase III: 2009-2010

Strategy D.1	<i>Make parents and community aware of the adopted mathematics program. (NETS-A I.A)</i> (http://www.figurethis.org/powerpoint/ef-presentation_blackline.ppt)	Date		Budget & Funding Sources							
Activities		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
D.1.1	INFORM PARENTS/COMMUNITY OF STUDENT MATHEMATICS ACCOMPLISHMENTS THROUGH A 'MATH STUDENT OF THE MONTH' IN SCHOOL NEWSPAPER/NEWSLETTER.	09/01/10	05/20/10	\$0	0%	\$0	0%		\$0	\$0	\$0
D.1.2	INVITE LOCAL COMMUNITY MEMBERS WHO UTILIZE MATHEMATICS IN THEIR JOBS TO SPEAK TO THE CLASSES ON THE IMPORTANCE OF MATHEMATICS FOR THEIR FUTURES.	09/01/09	05/20/10	\$0	0%	\$0	0%		\$0	\$0	\$0
Strategy D.2	<i>Implement parent trainings to assist them in utilizing technology to support mathematics at home. (NETS-A II.B)</i> (http://standards.nctm.org/document/chapter8)	Date		Budget & Funding Sources							
Activities		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other

D.2.1	BUILDING TECHNOLOGY COORDINATORS WILL CONTINUE TO OFFER TRAINING TO NEW AND RETURNING PARENTS DURING P/T CONFERENCE DAYS ON HOW TO ACCESS STUDENT GRADES ON-LINE FROM HOME USING STI HOME+.	11/05/09	11/06/09	\$0	0%	\$0	0%	\$0	\$0	\$0	
D.2.2	OFFER BASIC SPREADSHEET CLASSES TO PARENTS AND OTHER ADULTS BY TECH COORDINATORS IN THE EVENINGS TO PARENTS 2 TIMES EACH SEMESTER **WILL BE COORDINATED WITH MRS. BARB PEARSON, ADULT LITERACY PROVIDER, AND WILL BE OFFERED TO ANY OF HER STUDENTS AT NO CHARGE. (4 SESSIONS X \$25/SESSION = \$100)	09/01/09	05/20/10	\$100	0%	\$0	0%	\$0	\$0	\$0	
D.2.3	IF ALTERNATIVE MATHEMATICS PROGRAM HAS BEEN SELECTED, AN OVERVIEW OF IT WILL BE PRESENTED TO PARENTS, WITH INITIAL TRAINING BEING DELIVERED. (HTTP://WWW.NCTM.ORG/NEWS /CONTENT .ASPX?ID=5870&ITEMID=5870&LINKIDENTIFIER=ID)	11/05/09	11/06/10	\$25	0%	\$0	0%	\$0	\$0	\$0	
Strategy D.3	Parents and community will be made aware district technology purchases. (See Part E below)	Date		Budget & Funding Sources							
Activities		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
D.3.1	ARTICLES IN THE STORM TRACKER NEWSPAPER, SCHOOL NEWSLETTER, AND DISTRICT WEB PAGES WILL INFORM PARENTS AND THE COMMUNITY OF THE NEW TECHNOLOGIES PURCHASED.	09/01/09	09/30/09	\$0	0%	\$0	0%		\$0	\$0	\$0
D.3.2	DISTANCE LEARNING LEARNING TECHNOLOGIES WILL BE ON DISPLAY DURING P/T CONFERENCES.	11/05/09	11/02/09	\$0	0%	\$0	0%		\$0	\$0	\$0

Part E: Technology Deployment

Phase III: 2009-2010

Strategy E.1	Ensure that a wide range of technology tools are available, with necessary policies, procedures, &resources to support the needs of all students and district personnel, particularly in relation to mathematics. (NETS-A 1.B) (http://taylorandfrancis.metapress.com/content/k126544w31825156/)	Date		Budget & Funding Sources							
Activities		Start	End	District	%	e-Rate	%	R/D	EETT	Title I	Other
E.1.1	BUILDING TECHNOLOGY COORDINATORS WILL PURCHASE ALTERNATIVE MATH SOFTWARE/ON-LINE PROGRAM IF NEEDED, AND WILL MAKE THEM ACCESSIBLE TO ALL UNITED INDIVIDUALS BY HAVING THEM INSTALLED ON THE NETWORK FOR STUDENT, DISTRICT HOME ACCESS	08/01/09	08/15/09	\$2,360	0%	\$0	0%		\$0	\$1,000	\$0
E.1.2	PURCHASE 3 ADDITIONAL POLYCOMS TO PLACE AT THE JR. HIGH, AND BOTH ELEMENTARY BUILDINGS.	08/01/09	08/21/09	\$5,000	0%	\$0	0%		\$0	\$2,500	\$0
E.1.3	MAINTAIN TELECOMMUNICATION SERVICES (LOCAL/LONG DISTANCE, ETC.) TO SUPPORT LEARNING AND DAY-TO-DAY OPERATIONS.	07/01/09	06/30/10	\$4,793	35%	\$8,587	65%	R	\$0	\$0	\$0

E.1.4	MAINTAIN T-1 CAPABILITIES (LAN LINE AND/OR WIRELESS) FOR INTERNET ACCESS TO CLASSROOMS, LABS, AND OFFICES TO SUPPORT DAILY SCHOOL OPERATIONS.	07/01/09	06/30/10	\$3,421	35%	\$6,354	65%	R	\$0	\$0	\$0
E.1.5	PURCHASE ADDITIONAL TECHNOLOGY TOOLS FOR STUDENT AND TEACHER USE TO SUPPORT ACADEMIC ACHIEVEMENT AND TECHNOLOGY LITERACY. (TO INCLUDE, BUT NOT BE LIMITED TO, TECHNOLOGY UPGRADES, VOIP TECHNOLOGIES, DISTANCE LEARNING TECHNOLOGIES, NEW TECHNOLOGY PURCHASES)	07/01/09	08/21/09	\$22,000	0%	\$0	0%		\$0	\$0	\$0
E.1.6	MAINTAIN TECHNICAL SUPPORT TO EFFECTIVELY AND EFFICIENTLY SUPPORT TECHNOLOGY AND RESOURCES. (CONTRACT SUPPORT SERVICES: \$90/HOUR X 200 HOURS X 10% DISCOUNT)	07/01/09	06/30/10	\$8,100	0%	\$0	0%		\$0	\$0	\$0
E.1.7	STUDENTS WILL BE PROVIDED WITH SAFE TECHNOLOGY TOOLS, AS THE DISTRICT BOARD WILL READ/APPROVE AUP THAT ARE PLACED IN THE STUDENT HANDBOOK.	07/01/09	07/30/09	\$0	0%	\$0	0%		\$0	\$0	\$0
E.1.8	SET UP DISTANCE LEARNING CLASSROOMS IN JR. HIGH AND ELEMENTARY BUILDINGS..	08/20/08	05/22/09	\$0	0%	\$0	0%		\$0	\$0	\$0

Phase III Budget Totals												
	Totals for Objective 1—Phase III		Budget Totals		\$46,799	\$14,941	\$0	\$4,700	\$200			
				District	e-Rate			EETT	Title I	Other		