

OG-4996 (Rev. 2/03)
AUTHORITY: P.L. 107-110.
COMPLETION: Voluntary. (Consideration for
funding will not be possible if form is not filed.)

Michigan Department of Education
OFFICES OF GRANTS and SCHOOL EXCELLENCE
P.O. Box 30008, Lansing, Michigan 48909

Direct questions regarding this form to
Nancy Mincemoyer at (517) 373-4990.

2003-2004 APPLICATION FOR TITLE II, Part B(1) MATHEMATICS & SCIENCE PARTNERSHIP COMPETITIVE GRANT PROGRAM

SECTION I: APPLICANT/INSTITUTION INFORMATION (Type or Print)

EDUCATION AGENCY	Legal Name of Higher Education Institution Berrien County Intermediate School District	Institution Code Number 11-000	Telephone (Area Code) 269.471.7725
	Name of President Jeffrey Siegel, Superintendent		
	Address of President 711 St. Joseph Avenue	City Berrien Springs	Zip Code 49103-1602
CONTACT PERSON	Name of Contact Person Dennis Lundgren	Institution Code Number 11-000	Telephone (Area Code) 269.471.7725
	Address of Contact Person 711 St. Joseph Avenue	City Berrien Springs	Zip Code 49103-1602
	E-Mail Address of Contact Person dlundgre@remc11.k12.mi.us		
PROJECT DIRECTOR	Name of Project Director Judy Wheeler		Telephone (Area Code) 269.471.7725
	Address of Project Director 711 St. Joseph Avenue	City Berrien Springs	Zip Code 49103-1602
	E-Mail Address of Project Director jwheele@remc11.k12.mi.us		
NUMBER OF TEACHERS DIRECTLY SERVED BY THIS PROPOSAL: <u>60</u>		GRANT REQUEST: \$ <u>355,433</u>	

SECTION II: PROJECT INFORMATION

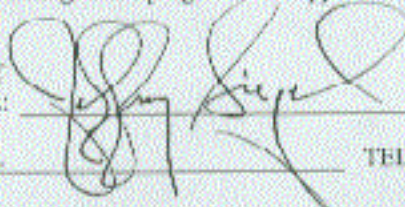
This funding opportunity will fund projects that:

- Increase the subject matter knowledge and teaching skills of mathematics teachers, grades 3-8.
- Focus on professional development of mathematics teachers as a career-long process.

NOTE: All participating agencies must sign Section IVa (Verification of Collaborative/Consortium Participants).

ASSURANCES AND CERTIFICATIONS: By signing this assurance and certification statement, the applicant certifies that it will agree to perform all actions and support all intentions stated in the Assurances and Certifications on pages 1a and 1b, and will comply with all state and federal regulations and requirements pertaining to this program. The applicant certifies further that the information submitted on this application is true and correct.

SIGNATURE OF SUPERINTENDENT
OR AUTHORIZED OFFICIAL:



DATE: 11.24.03

TYPED NAME: Jeffrey Siegel

TELEPHONE NUMBER: (269) 471.7725

MAILING INSTRUCTIONS: The ORIGINAL of this Application, including the NARRATIVE (Section VII), and four (4) copies must be sent to the: Michigan Department of Education, John A. Hannah Building, 608 W. Allegan Street, Lansing, Michigan 48933, Attention: Grants Office, c/o MSP Application POSTMARKED NO LATER THAN NOVEMBER 25, 2003.

Applications submitted by facsimile or hand-delivered will not be accepted.

**SECTION IVb. VERIFICATION OF COLLABORATIVE PLANNING/
MATHEMATICS-SCIENCE PARTNERSHIP PARTICIPANTS**

(Required for all Grant Categories. Photocopy as needed.)

Legal Name of Agency Benton Harbor Area Schools		Name and Title of Authorized Representative <i>Paula M. Dawning</i>	
Mailing Address of Agency 777-B Riverview Drive / P.O.B. 1107		Signature of Authorized Representative Paula M. Dawning, Supt.	Date Signed 11/24/03
City Benton Harbor	Zip Code 49022	Telephone (Area Code/Local Number) 269.927.0600	
Name and Title of Contact Person Betty Bowman, Mathematics Consultant		E-MAIL ADDRESS of Contact Person bbowman@remc11.k12.mi.us	
Mailing Address of Contact Person P.O.B. 1107 Benton Harbor, MI 49023-1107		Telephone (Area Code/Local Number) 269.927.0756	Date Meeting was held 11.07.03

Legal Name of Agency Andrews University		Name and Title of Authorized Representative John Stout, Dean of Research	
Mailing Address of Agency Administration Building		Signature of Authorized Representative <i>John Stout</i>	Date Signed 11.24.03
City Berrien Springs	Zip Code 49104	Telephone (Area Code/Local Number) 269.471.7771	
Name and Title of Contact Person Larry Burton, Professor, Teaching & Learning		E-MAIL ADDRESS of Contact Person burton@andrews.edu	
Mailing Address of Contact Person Andrews University 14 Bell Hall - Berrien Springs, MI 49104		Telephone (Area Code/Local Number) 269.471.6674	Date Meeting was held 11.12.03

Legal Name of Agency Berrien County Mathematics and Science Center		Name and Title of Authorized Representative Dennis Lundgren, Director	
Mailing Address of Agency 711 St. Joseph Avenue		Signature of Authorized Representative <i>Dennis Lundgren</i>	Date Signed 11.24.03
City Berrien Springs	Zip Code 49103-1602	Telephone (Area Code/Local Number) 269.471.7725	
Name and Title of Contact Person Dennis Lundgren, Director Math/Science Center		E-MAIL ADDRESS of Contact Person dlundgre@remc11.k12.mi.us	
Mailing Address of Contact Person 711 St. Joseph Avenue Berrien Springs, MI 49103-1602		Telephone (Area Code/Local Number) 269.471.7725	Date Meeting was held 10.27.03

SECTION V. BUDGET

CG-4956
(Page 3)

INSTRUCTIONS: The Budget Summary (1) and the Budget Detail (2) must be prepared by or with the cooperation of the Business Office. Using the School District Accounting Manual (Bulletin 1022).

I. BUDGET SUMMARY

CFDA NUMBER: 84.366B

LEGAL NAME OF APPLICANT **Berrien County Intermediate School District**

DISTRICT/RECIPIENT CODE 11.000	GRANT NUMBER	PROJECT NUMBER	PROJECT TYPE <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Carry-over	ENDING DATE (mm/dd/yy) 08/31/2005	FY of Approved Activity 2004
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FUNCTION CODE	FUNCTION TITLE	SALARIES (1000)	BENEFITS (2000)	PURCHASED SERVICES (3000, 4000)	SUPPLIES & MATERIALS (5000)	CAPITAL OUTLAY (6000)	OTHER EXPENDITURES (7000, 8000)	TOTAL
110	Instruction --- Basic Needs							
120	Instruction --- Added Needs							
130	Instruction --- Adult/Continuing Education							
210	Pupil Support Services							
220	Instructional Staff Services	374,437		68,200	18,600		11,704	472,941
230	General Administration							
240	School Administration							
250	Business Services							
260	Operation and Maintenance							
270	Pupil Transportation Services							
280	Central Support Services							
290	Other Support Services							
300	Community Services							
	SUBTOTALS (Sum of ALL lines above)							
400	Outgoing Transfers & Other Transactions							
899	INDIRECT CHARGES							23,749
	TOTAL EXPENDITURES							A) 496,690

2. BUDGET DETAIL-- Explain each line item, including cash and in-kind match that appears on the Budget Summary, using the indicated function code and title, on page 3a.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">TOTAL AMOUNT REQUESTED</td> <td style="width: 50%;">AMOUNT OF CHANGE <small>(Use minus sign preceding decreases)</small></td> </tr> <tr> <td>TRANSACTION PURPOSE:</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> Original</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Amendment</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">\$</td> </tr> </table>	TOTAL AMOUNT REQUESTED	AMOUNT OF CHANGE <small>(Use minus sign preceding decreases)</small>	TRANSACTION PURPOSE:		<input checked="" type="checkbox"/> Original		<input type="checkbox"/> Amendment		\$	
TOTAL AMOUNT REQUESTED	AMOUNT OF CHANGE <small>(Use minus sign preceding decreases)</small>										
TRANSACTION PURPOSE:											
<input checked="" type="checkbox"/> Original											
<input type="checkbox"/> Amendment											
\$											
<p>FUNDING: Department of Education Share of Expenditures 0) 355,433</p> <p>Local Share of Expenditures (Block A Minus Block B) C) 141,257</p>											

11.24.03 DATE	Gerry Blasko BUSINESS OFFICE REPRESENTATIVE (Type or Print)	<i>Gerry Blasko</i> SIGNATURE
11.24.03 DATE	Dennis Lundgren PROJECT CONTACT PERSON (Type or Print)	<i>Dennis Lundgren</i> SIGNATURE
 DATE	NANCY MINCEMOYER M.D.E. CONTACT PERSON (Type or Print)	 SIGNATURE

Annotated Budget Detail

Function	Object	Description	Grant Expenditures	Partner's Donations
221	1250	<u>Instructional Consulting</u>		
		Project and Assessment Planning Including a review of grade level expectations	4,000	
		Summer Institute Development - University Instructors	2,800	
		Summer '04 Instructors	8,000	
		Summer '05 Instructors	8,000	
		Master Teachers '04	4,800	
		Master Teachers '05	4,800	
		Lesson Study Consultant	3,250	
		Building Administrator Training - Trainer for 2 days	1,600	
		Andrews University Administration/ Consulting	5,000	
		Administrator Salary and Benefits Bertie County Math & Science Center		9,744
		Project Director Salary and Benefits	45,400	
		Benton Harbor Mathematics Consultants Salary and Benefits		122,513
		Secretarial	12,530	
		Develop Teacher Assessments	5,000	
		Teacher Leader Stipends	13,000	
	1900	<u>Teaching (stipends)</u>		
		Teacher Assessments 60 Teachers. Pre and Post, @ \$50 per assessment	6,000	
		Summer curriculum work to align with new grade level expectations		6,000
		Summer '04 - 20 teachers, grades 4-5 @ \$150	24,000	

	Summer '05 - 20 teachers, grades 4-5 @ \$150	24,000
	Summer '04 - 10 teachers, grades 6-8 @ \$150	12,000
	Summer '04 - 10 teachers, grades 6-8 @ \$150	12,000
	Substitutes grades 4-5 40 teachers, 10 half-days	22,500
	Substitutes grades 6-8 8 teachers, 9 days and 8 teachers, 3 days	10,800
	Summer '04 - Teacher Leader Development	6,700
3120	<u>Instructional Program Improvement Services</u>	
	Instructor (Andrews) - Summer 04, grades 4-5	5,000
	Instructor (Andrews) - Summer 05, grades 4-5	5,000
	Instructor (Andrews) - Summer 04, grades 6-8	4,000
	Instructor (Andrews) - Summer 05, grades 6-8	4,000
	SAMPI Observations and Analysis:	8,500
	Lakehouse Evaluation Services	36,750
3210	<u>Local Travel</u>	
	Project Director and Team Travel	2,100
3220	<u>Workshops and Conferences</u>	
	State Grant Technical Assistance Meetings - 5 people, 3 meetings @ \$150 per person	2,250
3430	<u>Mailing</u>	
	Postage and mailing	600

	5900	<u>Other supplies and materials</u>		
		Materials for school year professional development 60 participants @ \$30	1,800	
		Summer Institute '04 Materials 30 participants @ \$280	8,400	
		Summer Institute '05 Materials 30 participants @ \$280	8,400	
	7900	<u>Miscellaneous Expenses</u>		
		Meals for school year professional development		3,000
		Meals for Summer Institutes	8,704	
		Subtotal	331,684	
	999	<u>Indirect</u>		
		Indirect - Restricted Rate 7.16%	23,749	
		Total	355,433	141,257

In Kind Contribution from the Partners

Benton Harbor Area Schools

- Computerized Data Tracking
- Meeting space
- Dana Palm-based handheld and Math Amiga software
- Student Assessment Plan technology training
- Additional curriculum training

Berrien County Mathematics and Science Center/Berrien County ISD

- Meeting space at the Berrien County ISD
- Additional curriculum support
- Host Principals Meeting (county-wide)
- Host Curriculum Director Meetings (county wide)
- Technical Assistance with School Improvement and NCLB requirements

Andrews University

- Facilities for Summer Institutes

SECTION VI. PROJECT ABSTRACT*

NAME OF INSTITUTION Berrien County Intermediate School District	NAME OF PROJECT DIRECTOR Judy Wheeler
MAILING ADDRESS 711 St. Joseph Avenue Berrien Springs, MI 49103-1602	TELEPHONE NUMBER 269-471-7725
E-MAIL ADDRESS jwheeler@remc11.k12.mi.us	FAX NUMBER 269-471-9731

PROJECT TITLE:Transforming Education and Achievement in Middle School Mathematics (TEAM²)**PARTNERS:**

Berrien County Mathematics & Science Center, Berrien County Intermediate School District, Benton Harbor Area Schools, Andrews University

GENERAL PROGRAM DESCRIPTION: (Limit to 200 words.)

Project TEAM² will positively impact student achievement in the mathematics classrooms in the Benton Harbor middle schools (Fair Plain Middle School, Hull Middle School, McCord Renaissance Center) by transforming teacher content knowledge and teaching practices. The project partners include leaders and teachers from the Berrien County Mathematics and Science Center, Andrews University and Benton Harbor Area Schools. The target population is middle school mathematics teachers and 4th and 5th grade teachers in the feeder elementary schools. This project will impact 60 teachers and 2,080 students.

ANTICIPATED OUTCOMES/OTHER INTENDED RESULTS:

By the end of the 2005-06 school year, all Benton Harbor middle school teachers will be highly qualified, meeting the requirements of No Child Left Behind. Benton Harbor middle school mathematics teachers and 4th and 5th grade teachers in the elementary feeder schools will gain sufficient content knowledge to teach standards-based mathematics effectively in their classrooms. Student achievement will improve. Data will support these outcomes. This work will be sustained beyond the scope of the project.

GOALS STATEMENT: (This section must include a list of the specific learning and performance objectives for participants.)

- Teachers in summer content institutes (gr. 4&5) will increase their content knowledge on the general assessment more than those who did not participate in focused instruction in mathematics.
- Teacher content knowledge (gr. 4&5) will increase by 20% on the general assessment; and the SAMPI Implementation of an Inquiry Lesson rating will increase by an average rating of 1.5.
- Teachers (gr. 6-8) involved in Lesson Study will increase their deep content knowledge on the general assessment more than those who did not; and lessons taught by Lesson Study teachers will have a higher SAMPI Implementation of an Inquiry Lesson rating.
- Teachers use of multiple technologies in the classroom in appropriate ways will increase.
- All buildings will have Teacher Leaders that increase the number of targeted interactions with their colleagues each semester.
- The BHAS Curriculum, the BHAS Student Assessment Plan, and the BHAS Curricular Pacing Charts will align with the new MDE Grade Level Content Benchmarks approved by on Nov. 20; and all teachers will enter 100% of their data in the BHAS SAP in a timely fashion.
- 100% of the non-highly qualified mathematics teachers will have made significant progress on their Individual Action Plan at the close of the grant period, indicating probable completion by June 30, 2006.

grades 4-8 to the recently adopted Grade Level Content Expectations will commence. Institutes as describe above will occur in both summers (2004, 2005), and work-embedded professional development as described above will occur during the 2004-05 school year.

Examination of the Person(s) Responsible/Providers column in the timeline chart and of the descriptions of each key person's contribution described in the Management Capability section indicates that the Berrien County Mathematics and Science Center/Intermediate School District bears the brunt of the responsibilities to accomplish all the activities identified. However, BHAS and AU play an almost equal role. The percentage break down is estimated to be 40%, 35%, and 25%, respectively. The BHAS collective bargaining agreement supports quality professional development such as Project TEAM² that is aligned with the National Professional Development Standards, that targets increased student achievement and identifies measurable outcomes.

Management Capability 20 points

An impressive team has been recruited to provide the capability to manage and deliver this work. In addition, the Berrien County ISD has a history of implementing large grant projects including Goals 2000, Freedom to Learn, Comprehensive School Health, Safe and Drug Free Schools, Early Childhood and many others. In all cases, work has been completed in a timely manner with all appropriate reports submitted. Very specifically this same middle school mathematics partnership under the direction of Judy Wheeler, TEAM²'s Project Director, with front line contacts Betty Bowman (BHAS), Dr. Larry Burton (AU) and Dr. Lynelle Weldon, (AU) have recently completed a three year, \$371,000 Goals 2000 grant project. A list follows of the personnel for this project. Resumes of key individuals are attached in.

Judy Wheeler, Project Director – Wheeler is the Mathematics Specialist for the Berrien County Mathematics and Science Center. She will direct all aspects for the project and interact with personnel at each phase of the project.

Dennis Lundgren, Administrator – Lundgren is the Director of the Berrien County Mathematics and Science Center. His role is to provide administrative oversight of the project.

Dennis Rudy, Evaluator – Rudy is President of Lakehouse Evaluation. His company will provide evaluation services as outlined in the evaluation section of this proposal.

Larry Burton – Burton is Professor and Chair of the Teaching and Learning Department, Andrews University. He will coordinate efforts with Andrews University, assist in the development of Summer Institutes and provide training.

Lynelle Weldon – Weldon is Assistant Professor of Mathematics, Andrews University. She will assist in the development of Summer Institutes and provide instruction in mathematics.

Betty Bowman – Bowman is the Secondary Mathematics Consultant, Benton Harbor Area Schools. She will work directly with the project director in supporting activities with BHAS middle school mathematics teachers. Bowman will assist in integrating this project with the ongoing work of the middle schools.

Pat Walton - Bowman is the Elementary Mathematics Consultant, Benton Harbor Area Schools. She will work directly with the project director in supporting activities with BHAS 4th and 5th grade teachers. Walton will assist in integrating this project with the ongoing work of the elementary schools.

Virginia Maxwell – Maxwell is the Assistant Superintendent for Instruction, Benton Harbor Area Schools. She will provide administrative direction and support for BHAS personnel. Maxwell will oversee the integration of this project with the current priorities of the district.

November 24, 2003

To Whom It May Concern:

This letter is in support of the Title II, Part B(1) Mathematics & Science Partnership Grant, and *Transforming Education and Achievement in Middle School Mathematics*. This effort is a partnership among Andrews University, Benton Harbor Area Schools, the Berrien County Intermediate School District and the Berrien County Mathematics and Science Center.

The Mathematics Department and the Teaching, Learning & Curriculum Departments of Andrews University have enjoyed fruitful and effective prior partnerships with Benton Harbor Area Schools and the Berrien County Mathematics and Science Center. We look forward to providing learning experiences focused on improving the content knowledge and effectiveness of Benton Harbor 4th through 8th grade teachers.

Sincerely,



Larry D. Burton, PhD

Director, Curriculum & Instruction Graduate Programs

Appendix E:
Project TEAM² Time Line and Responsibilities Chart

When	Activity to Accomplish	Target Audience	Persons Responsible/ Providers
Feb '04	Design General Teacher Assessment	Teachers grades 4-8	Judy Wheeler, M/S Center AU Mathematics Dept
Feb '04	Design General Student Assessment	Students grades 4-8	Judy Wheeler, M/S Center AU Mathematics Dept
Feb-Mar '04	Plan quasi-experimentation design	Judy Wheeler, M/S Center Betty Bowman, BHAS Larry Burton, AU	Project TEAM ² to contract with Dennis Rudy, Lakehouse Evaluation, Inc
Feb-Mar '04	Individual Action Plan to attain Highly Qualified status	Teachers grades 6-8 who are not Highly Qualified	Betty Bowman, BHAS
Feb-Apr '04	SAMPI Observations of Mathematics Lessons (pre)	21 Random Teachers grades 4-8	Project TEAM ² to contract with Mark Jenness, SAMPI, WMU
Mar- May '04	Review of BHAS Written Curriculum and Student Assessment Plan to align with Michigan Grade Level Content Expectations	BHAS Mathematics Consultants and Building Teacher Leaders	Judy Wheeler, M/S Center Carolyn Jones, BHAS Sharon Hatfield, BHAS BHAS to contract with Gregg Chandler, Enthusiastic Software
Mar '04	Administer Teacher Assessment (pre)	Teachers grades 4-8	Pat Walton, BHAS Betty Bowman, BHAS
Mar '04	Administer Student Assessment (post)	Students grades 4-8	Pat Walton, BHAS Betty Bowman, BHAS
Apr '04	Analyze Teacher and Student Assessments	Results to inform summer institutes	Judy Wheeler, M/S Center Larry Burton, AU Lynelle Weldon, AU
Apr '04	Selection of Building Teacher Leaders	10 Elementary, 3 Middle School buildings	Virginia Maxwell, BHAS
Apr-May '04	Summer Institute Development <ul style="list-style-type: none"> • One 2-wk, full day, focus on content in one or two strands that data indicates is a critical need • Two 1-wk, half day, focus on content in two standards that data indicates is a critical need for teachers AND that Lesson Study will target • Two 1-wk, half day, focus on infusing technology in the classroom 	<ul style="list-style-type: none"> • 20 Self-select teachers in grades 4-5 • 10 teachers gr. 6-8 (joined by other area teachers not supported with stipends from grant) • 10 teachers gr. 6-8 (joined by area teachers not supported by grant) 	Judy Wheeler, M/S Center Larry Burton, AU Lynelle Weldon, AU Master Teachers, BHAS
June-Aug '04	Implement Summer Institutes, see block above Administer pre/post institute specific assessments	See block above	Andrews University; Each institute instructed by the university staff with assistance from a BHAS Master Teacher
June-Aug '04	Revision of assessments for School Assessment Plan	Self-selected Teacher Leaders	Carolyn Jones, BHAS

Aug-Sep '04	Teacher Leadership Training	13 Teacher Leaders, 1 per building	Pat Walton, BHAS Betty Bowman, BHAS Judy Wheeler, M/S Center
Aug '04	Lesson Study Facilitators Training	Pat Walton, BHAS Betty Bowman, BHAS Title I Teachers in MS Buildings Larry Burton, AU	Judy Wheeler, M/S Center Project TEAMF to contact with Roger Verhey, University of Michigan, Dearborn
Apr-May '04 and Aug '04	Administrative training in observing standards-based mathematics lessons and data gathering from Classroom Walk-Throughs using GoObserve Palm Software	Elementary and Middle School Building Principals, Judy Wheeler, M/S Center Pat Walton, BHAS Betty Bowman, BHAS	Judy Wheeler, M/S Center Project TEAMF to contact with Todd Wiedemann, area building principal, a Classroom Walk-Throughs /GoObserve certified trainer
Sept '04-May '05	Classroom Walk-Throughs	All teachers, grade 4-8 during mathematics instruction	Elementary and Middle School Building Principals, BHAS Pat Walton, BHAS Betty Bowman, BHAS Judy Wheeler, M/S Center
Sept-Dec '04	Curriculum Based PD to improve content knowledge and instructional strategies, 4 half-days, groups not larger than 25	All grade 4 & 5 teachers, including special education	Judy Wheeler, M/S Center Pat Walton, BHAS
Sept-Dec '04	Collaboration Lesson Study, 2 groups of 3-5 teachers each focused on one research lesson	8 teachers randomly selected, grades 6-8 Pat Walton, BHAS Betty Bowman, BHAS	Judy Wheeler, M/S Center Larry Burton, AU (Roger Verhey will consult with Lesson Study groups)
Dec '04-Jan '05	Observation and reflection of a research lesson	All teachers grade 6-8	Judy Wheeler, M/S Center Larry Burton, AU Pat Walton, BHAS Betty Bowman, BHAS
Sept-May '04	Training (2 half-days) and implementing revised Student Assessment Plan	All teachers grade 4-8	Carolyn Jones, BHAS Pat Walton, BHAS Betty Bowman, BHAS Teacher Leaders, BHAS
Jan-May '05	Curriculum Based PD to improve content knowledge and instructional strategies, 4 half-days	All grade 4 & 5 teachers, including special education	Judy Wheeler, M/S Center Pat Walton, BHAS
Sept '04-May '05	Support for integrating technology in the classroom 2 include 2 days for training	Teachers grades 6-8	Judy Wheeler, M/S Center Betty Bowman, BHAS Teacher Leaders, BHAS
Jan-Mar '05	Lesson Study PD, each of the two groups focus on a second research lesson	Same 8 teachers as above, grades 6-8 Pat Walton, BHAS Betty Bowman, BHAS	Judy Wheeler, M/S Center Larry Burton, AU
Apr '05	Observation and reflection of a second research lesson	All teachers grade 6-8	Judy Wheeler, M/S Center Larry Burton, AU Pat Walton, BHAS Betty Bowman, BHAS

Jan-May '05	Design strategies to use data from Student Assessment to inform and instruct classroom practices (strategies to be implemented with training and support in '05-'06 school year)	All teachers grade 4-8	Judy Wheeler, MIS Center Carolyn Jones, BHAS Pat Walton, BHAS Betty Dowman, BHAS BHAS to contract with Gregg Chendler, Enthusiastic Software
Jan-May '05	Summer Institute Development <ul style="list-style-type: none"> • One 2-wk, full day, focus on content in one or two additional strands that data indicates is a critical need • Two 1-wk, half day, focus on content in two standards that data indicates is a critical need for teachers AND that Lesson Study will target - Two 1-wk, half day, focus on infusing technology in the classroom 	<ul style="list-style-type: none"> • 20 Self-select teachers in grades 4-5 • 10 teachers gr. 6-8 (joined by other area teachers) • 10 teachers gr. 6-8 (joined by area teachers not supported by grant) 	Judy Wheeler, MIS Center Larry Burton, AU Lynelle Weldon, AU Master Teacher, BHAS
June-July '05	Implement Summer Institutes, see block above Administer pre/post institute specific assessments	See block above	Andrews University, Each institute instructed by the university staff with assistance from a BHAS Master Teacher
May '05	SAMPI Observations of Mathematics Lessons (post)	21 Random Teachers grades 4-8	Mark Jenness, SAMPI, WMU
May '05	Administer Teacher Assessment (post)	Teachers grades 4-8	Pat Walton, BHAS Betty Bowman, BHAS
May '05	Administer Student Assessment (post)	Students grades 4-8	Pat Walton, Betty Bowman, BHAS
Jun-Aug '05	Evaluation: data collection, analysis and written report of quasi-experimental design results	Results to be shared with grant partners and grant providers	Dennis Rudy, Laketown Evaluation, Inc.
May-Aug '05	Plan and write grant proposal for renewal of current MSP grant informed by data from Project TEAM?		Berrien County MIS Center Benton Harbor Area Schools Andrews University