ARRA INITIATIVE #3 -- SCIENCE EQUIPMENT / CALCULATORS / MATERIALS & SUPPLIES

GOAL STATEMENT	In order to improve student achievement in science, each teacher will have sufficient equipment to meet the standard of 20% instructional time spent in lab activities and meet grade/course curriculum standards. In order to improve student achievement in mathematics, each student will be provided with a calculator with appropriate grade/course level technology.

	USDOE Goals	**Justification**
GOALS & JUSTIFICATION	**College- & Career-Ready Preparation** (including programs for ELL & SPED students)	The skills necessary for college and careers include the ability to be able to use math skills in a variety of daily activities in a personal and work place setting. Students training and practice on grade level appropriate calculators in grades 3-12 will assist in preparing students for the future. Through scientific inquiry and using 21st century lab equipment, science students will be able to transfer knowledge to specific educational and or job settings in the future.
	Data-Driven Programs or Processes to track progress & foster continuous improvement	
	Teacher Effectiveness & Equitable Distribution of Highly Qualified Teachers	
	Intensive Support & Effective Interventions	Adequately equipped science labs and age/ability level calculators will enable instruction and learning to target the SLEs required by the ADE as well as prepare our students for state mandated testing and prepare students for college or the work place.

IMPLEMENTATION PLAN (Detailed Steps)

Once approval is received, materials and supplies will be ordered. A thorough accounting and labeling of inventory will be completed before items are distributed to the proper buildings and classrooms. Batteries needed for equipment requiring them will be the responsibility of each campus. Science equipment and calculator funding allocations will be as follows:

Grades	**Science Equipment**	**Calculators**
K-4 & GT Prog.	$2,500 per school/program	$12 per student (K-4); $20 per student (GT Prog.)
5-6	$14,539 per school	n/a
7-8	$28,807 per school for both science equipment & calculators	
9-12	$500,423 for both science equipment & calculators	

Students in third and fourth grade will be provided TI-108 calculators for use while in the classroom. Student receiving weekly instruction through the Gifted & Talented program will be provided TI-30XS calculators for use while in the G/T classroom. All students in fifth and sixth grade already have access to TI-130 calculators for use while in the classroom. Calculators for math students in grades 7-12 will be issued in the same manner in which textbooks are with the addition of an Equipment Use Agreement for students and parents to sign and return in order to receive the calculator for home/school use. Teachers will conduct periodic checks throughout the year to assure proper care is taken with student calculator use.

ARRA INITIATIVE #3 -- SCIENCE EQUIPMENT / CALCULATORS / MATERIALS & SUPPLIES

IMPLEMENTATION PLAN (Detailed Steps)	Calculator training for 7-12 math teachers will be provided by our four 7-12 Math Staff Development Instructional Leaders. These individuals will receive their training from the company who provides the calculators.

PERSONNEL REQUIRED & JOB DESCRIPTION	**Position Title**	**Job Description**
	none required	

FUNDING ALLOCATION

School	**Funding Allocation**	
Apple Glen Elem.	Materials/Supplies	4,468.50
	Apple Glen Total	**4,468.50**
Baker Elem.	Materials/Supplies	5,052.50
	Baker Total	**5,052.50**
Centerton-Gamble Elem.	Materials/Supplies	5,301.50
	Centerton-Gamble Total	**5,301.50**
Central Park Elem.	Materials/Supplies	3,072.50
	Central Park Total	**3,072.50**
Cooper Elem.	Materials/Supplies	2,192.00
	Cooper Total	**2,192.00**
Elm Tree Elem.	Materials/Supplies	5,103.00
	Elm Tree Total	**5,103.00**
Mary Mae Jones Elem.	Materials/Supplies	6,000.50
	Mary Mae Jones Total	**6,000.50**
Sugar Creek Elem.	Materials/Supplies	4,416.50
	Sugar Creek Total	**4,416.50**
Thomas Jefferson Elem.	Materials/Supplies	2,249.00
	Thomas Jefferson Total	**2,249.00**
Old High Middle School	Materials/Supplies	13,027.00
	Old High Total	**13,027.00**
Ruth Barker Middle School	Materials/Supplies	13,143.00
	Ruth Barker Total	**13,143.00**
Spring Hill Middle School	Materials/Supplies	13,129.00
	Spring Hill Total	**13,129.00**
Lincoln Jr. High School	Purchased Services	475.00
	Materials/Supplies	28,513.00
	Lincoln Jr. High Total	**28,988.00**
Washington Jr. High School	Purchased Services	475.00
	Materials/Supplies	28,332.00
	Washington Jr. High Total	**28,807.00**
Bentonville High School	Purchased Services	950.00
	Materials/Supplies	499,473.00
	Bentonville High Total	**500,423.00**
Gifted & Talented Program	Materials/Supplies	3,100.00
	Gifted & Talented Total	**3,100.00**
TOTAL BUDGET FOR INITIATIVE		**638,473.00**

EVALUATION PLAN	Student achievement data from state mandated assessments in both mathematics and science, AP exam scores, and ACT scores will allow us to evaluate growth in these subject areas.
	Data from administrative classroom walk-throughs will assess use of equipment to enhance instruction in both math and science.
	Data to compare enrollment in higher level math and science courses will also assist us in evaluating the success of the implementation of the additional materials/supplies in the areas of math and science.