



JOY HOFMEISTER

STATE SUPERINTENDENT OF PUBLIC INSTRUCTION
OKLAHOMA STATE DEPARTMENT OF EDUCATION

MEMORANDUM

TO: The Honorable Members of the State Board of Education

FROM: Joy Hofmeister

DATE: January 21, 2016

SUBJECT:

Math and Science Partnership (MSP) Funds \$2.4 Million to benefit Math and Science Teachers throughout the state with both regional and statewide programs, with anticipated future funding over the next three years.

In January 2002, the *No Child Left Behind Act of 2001 (NCLB)* became law. Title II, Part B (<http://www2.ed.gov/policy/elsec/leg/esea02/pg26.html>) of this legislation authorizes a Mathematics and Science Partnerships (MSP) competitive grant program.

The purpose of the Oklahoma MSP Program is to improve the content knowledge and instructional practices of mathematics and science teachers to increase the achievement of their students. These improvement efforts are to be designed, implemented, and evaluated by strong partnerships between college and university faculty, high-need school districts, and other qualifying partners.

This year Four Regional Grants are Available at \$200,000 for one year and three statewide grants were available at \$550,000 per year for three years as federal funding is available.

After the OSDE team worked to increase awareness of the state's largest funding resource for improving math and science instruction, this year's applications exceeded the available funding of \$2.4 million by several hundred thousands of dollars. The SDE worked diligently to create an improved review process based on best practices for reviewing competitive grants.

Based on the recommendation of the Math and Science Partnership 2016 Grant Review Committee comprised of 15 external reviewers who have expertise both in the MSP grant and

Oklahoma's Math and Science Partnership (Title 2 Part B)

Gloria Bayouth

Executive Director, Office of Federal Programs

Robbyn Glinsmann

Director of Elementary Mathematics

Tiffany Neill

Director of Science

Levi Patrick

Director of Secondary Mathematics

Improve the **content knowledge** and **pedagogical practices** of cohort groups of mathematics and/or science teachers of grades K-5, 6-8, and/or 9-12 in order to increase the achievement of their students.

PURPOSE



OKLAHOMA STATE DEPARTMENT OF
EDUCATION
— CHAMPION EXCELLENCE —

An eligible partnership is one that demonstrates deep and mutual engagement between:

- one or more school districts, at least one of which must meet **high-need criteria**, and
- science, technology, engineering, and/or mathematics (STEM) faculty at an accredited **2 or 4 year college or university**.

ELIGIBILITY

1. Has at least **40 percent** of the children are from families with incomes below the poverty line based on the LEA's Free and Reduced Lunch Count; **or**
2. Has **20 percent** poverty determined by the census; **or**
3. Has been **designated school improvement** for the 2014 school year; **or**
4. Has any mathematics and/or science **classes not taught by highly qualified teachers.**

HIGH-NEEDS CRITERIA

Previously offered 1-year Regional grants ranging from \$150,000 to \$300,000.

Now, offering both Regional AND Statewide grants.

- **Four Regional** grants available at approximately **\$200,000 each for one year.**
- **Three Statewide** grants available at **\$550,000 each year for three years.**

AWARD CATEGORIES

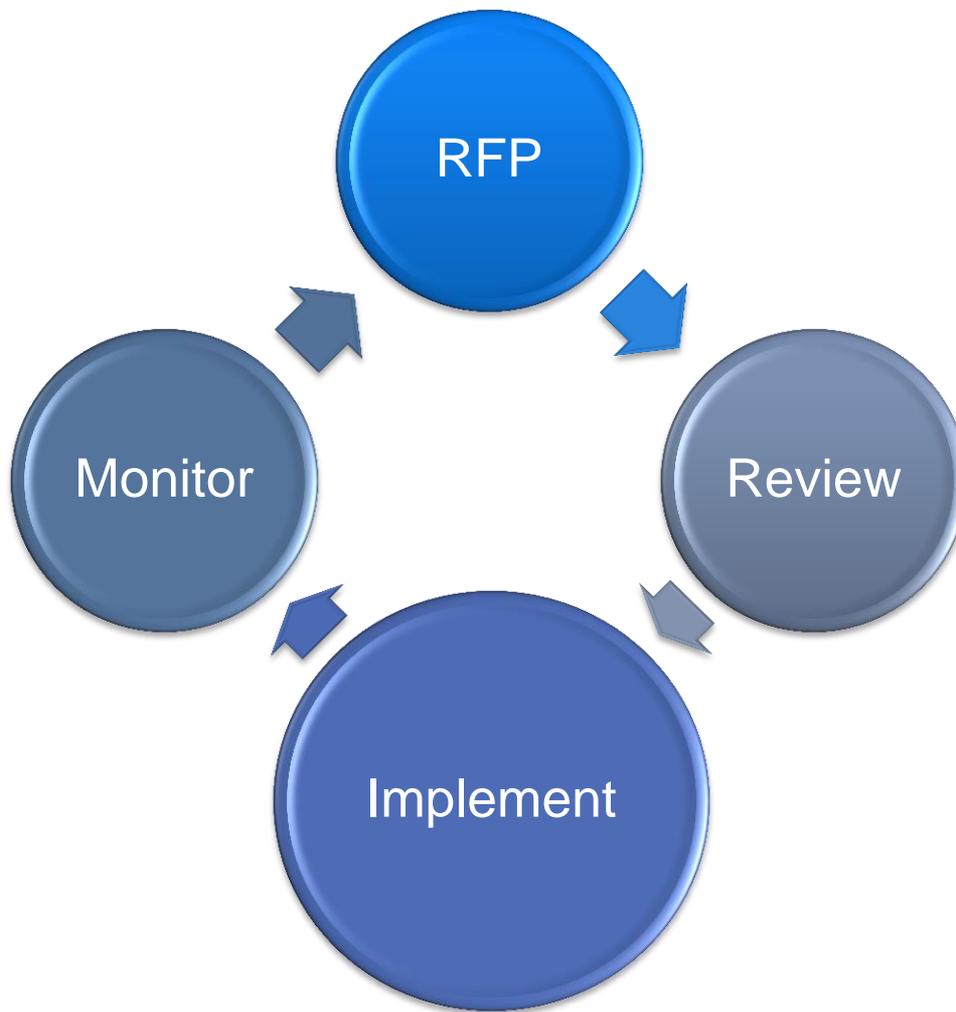
Developed three Focal Areas for the Statewide grants:

- 1. Statewide Mathematics**
- 2. Statewide Science**
- 3. Statewide Mentoring**

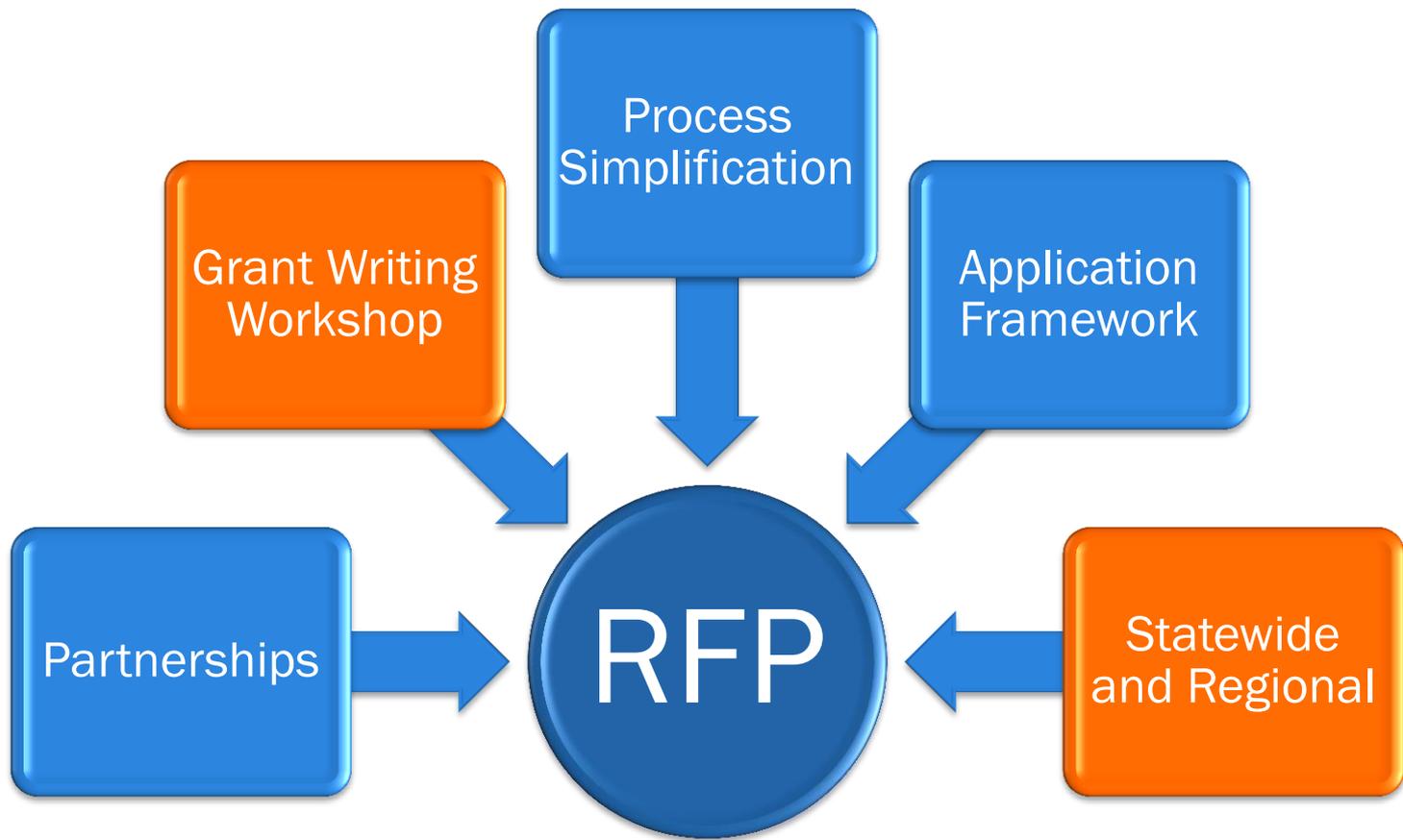
STATEWIDE FOCAL AREAS



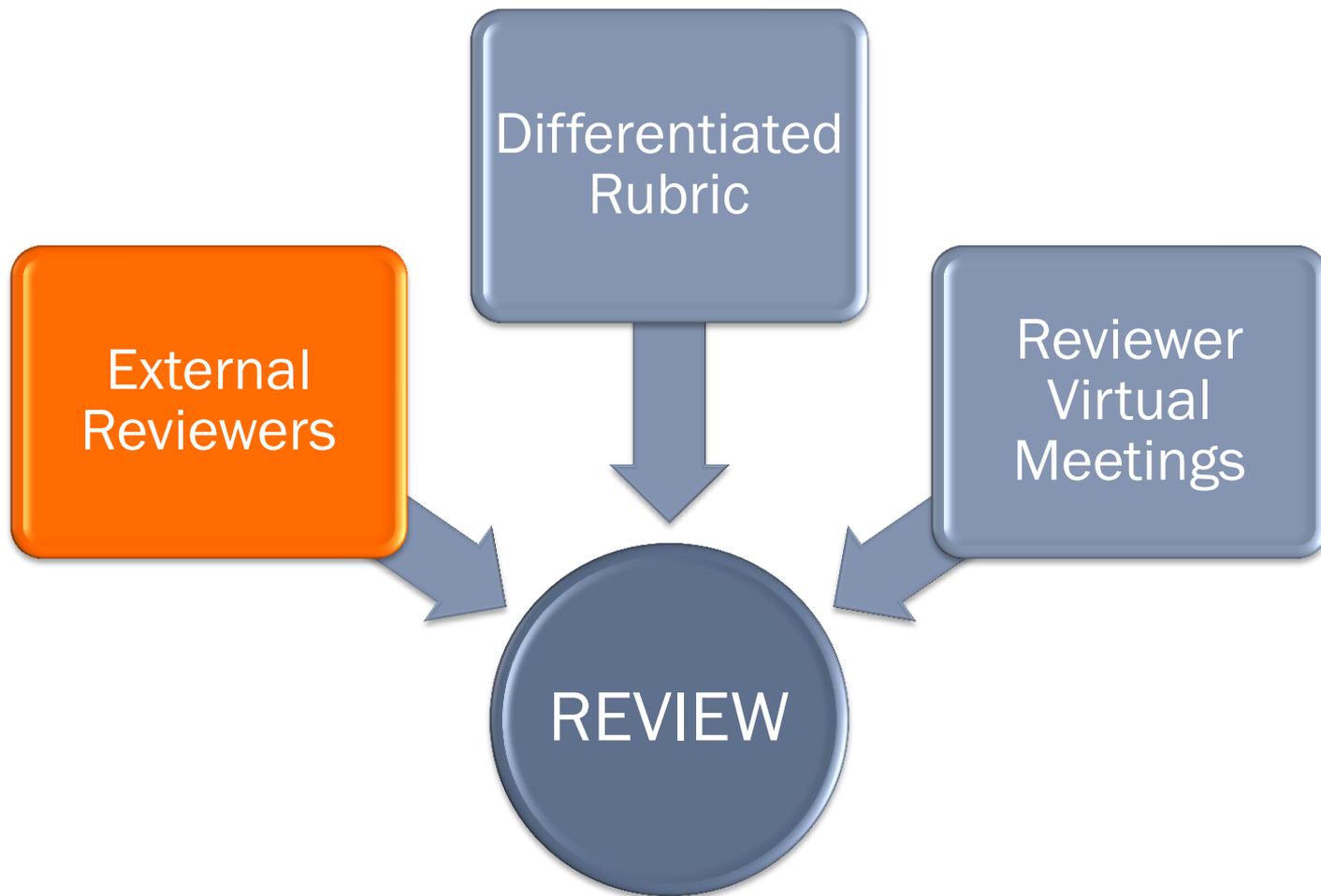
OKLAHOMA STATE DEPARTMENT OF
EDUCATION
— CHAMPION EXCELLENCE —



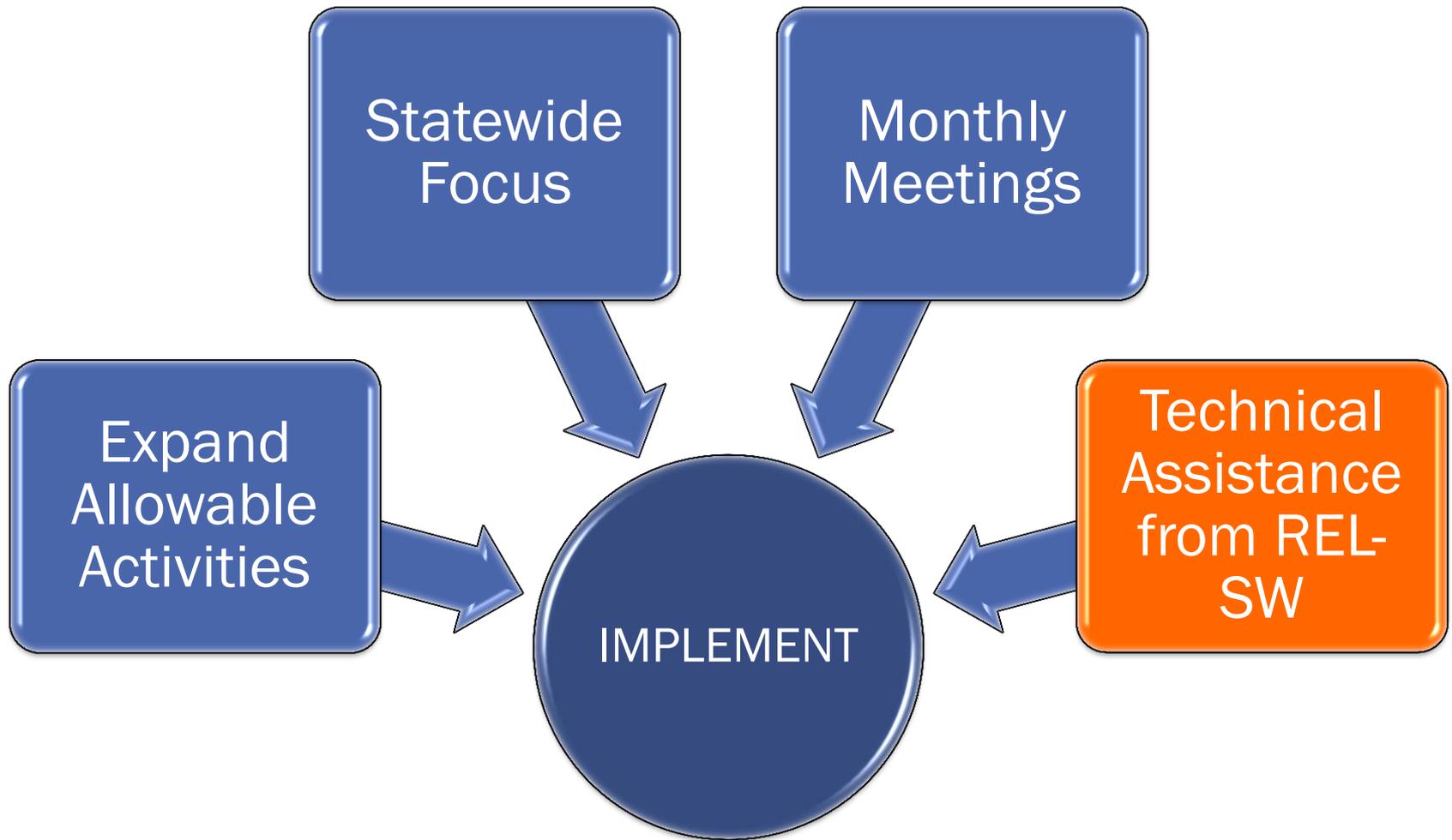
MANAGEMENT STRUCTURE



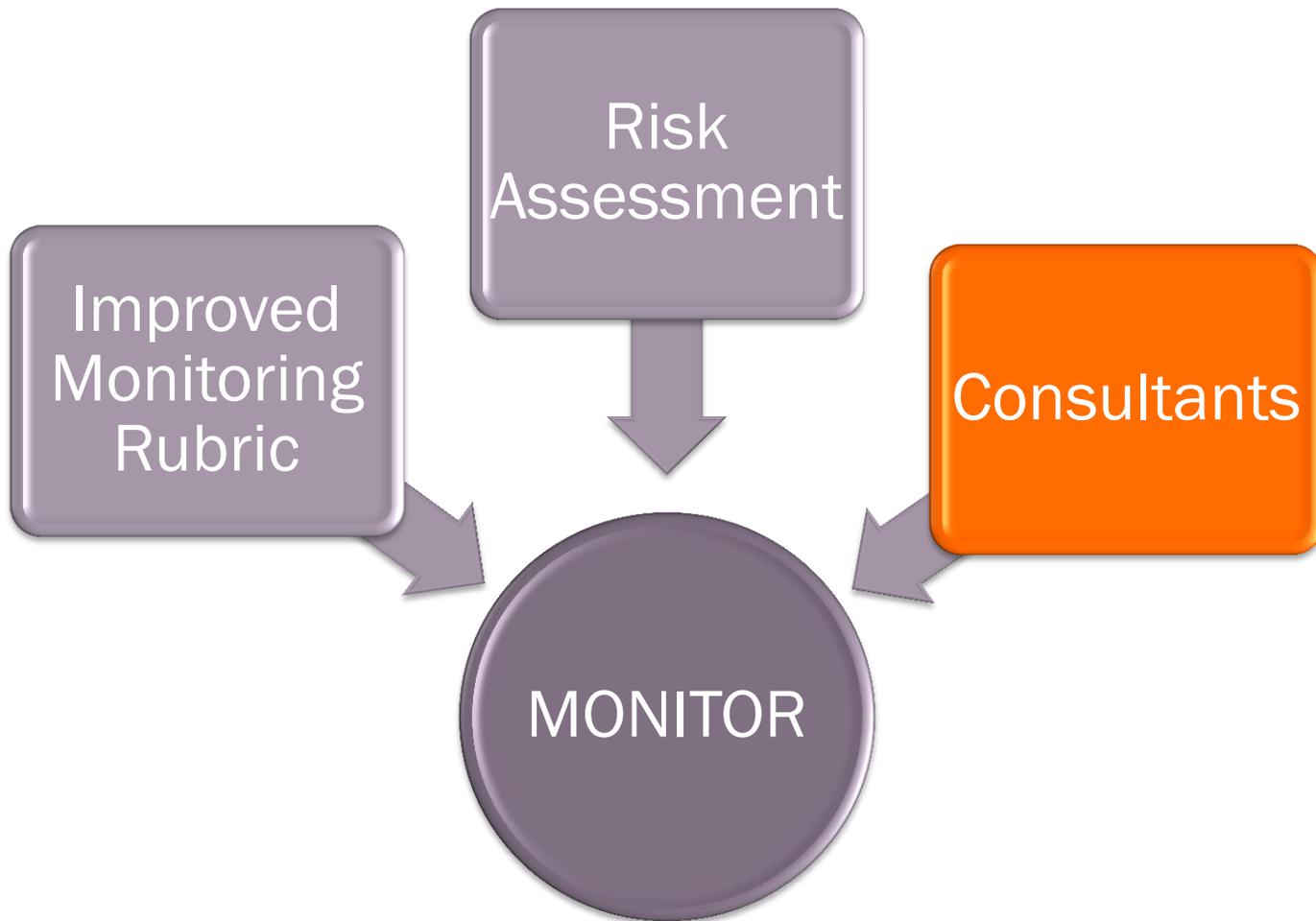
SUPPORT



SUPPORT



SUPPORT



SUPPORT

Awarded **four Regional grants** designed to improve the content knowledge and pedagogical practices of cohort groups of mathematics and/or science teachers of grades K-5, 6-8, and/or 9-12 in order to increase the achievement of their students.



Tahlequah
Public Schools

• \$200,000

Edmond Public
Schools

• \$200,000

Lawton Public
Schools

• \$200,000

Durant Public
Schools

• \$200,000

2016-2017 REGIONAL AWARDS

Awarded **three grants** focused on:

- 1. Statewide Mathematics**
- 2. Statewide Science**
- 3. Statewide Mentoring**

Focal Area 1:
Statewide Math
Western Heights
Public Schools

• \$550,000

Focal Area 2:
Statewide Science
Noble Public Schools

• \$550,000

Focal Area 3:
Statewide Mentoring
Osage County Inter-
local Cooperative

• \$550,000

2016-2017 STATEWIDE AWARDS

Gloria Bayouth

Executive Director, Federal Programs
gloria.bayouth@sde.ok.gov
405-522-3249

Robbyn Glinsmann

Director of Elementary Mathematics
robbyn.glinsmann@sde.ok.gov
405-522-3522

Tiffany Neill

Director of Science
tiffany.neill@sde.ok.gov
405-522-3524

Levi Patrick

Director of Secondary Mathematics
levi.patrick@sde.ok.gov
405-522-3525

QUESTIONS



JOY HOFMEISTER

STATE SUPERINTENDENT OF PUBLIC INSTRUCTION
OKLAHOMA STATE DEPARTMENT OF EDUCATION

the content emphases of the statewide and regional applications, the following districts were awarded.

Type of Grant	Recipient	Amount Awards	Time Length of Grant
Focal Area 1 – Statewide Math	Western Heights	\$550,000	3 years
Focal Area 2 – Statewide Science	Noble	\$550,000	3 years
Focal Area 3- Statewide Teacher Mentoring	Osage County Interlocal Cooperative	\$550,000	3 years
Regional Math & Science	Edmond	\$200,000	1 year
Regional Science	Lawton	\$200,000	1 year
Regional Math	Durant	\$200,000	1 year
Regional Math	Tahlequah	\$200,000	1 year

The OSDE is thankful for the time and dedication of all applicants and reviewers. It is this type of commitment that will lead to improved math and science achievement across Oklahoma.

Attachment



Oklahoma Mathematics and Science Partnership (MSP) Program - Title II.b

No Child Left Behind Act of 2001 - Public Law 107-110

Presented to the Oklahoma State Board of Education on January 28, 2016

The Oklahoma State Department of Education STEM team and the External Grant Review Committee would like to extend our congratulations to the following districts and institutes of higher education on receiving the 2016-2017 Math and Science Partnership Grant. The hard work and dedication of each Project Management Team has allowed us to make this unanimous decision to fund these grants as each has clearly demonstrated significant promise for improving teacher content knowledge and instructional practice in mathematics and science.

Each proposal was analyzed by the External Grant Review Committee through a meticulous process defined within this year's Request for Proposals and the included rubrics. Based on the recommendation of the committee, the following amount will be awarded to each project for the current fiscal year with subsequent funding subject to (a) compliance with program requirements, (b) demonstration of effectiveness, and (c) availability of federal funding.

Awardee	Focal Area	Partnering Institute of Higher Education	Number of Partnering Districts	Number of Teachers Served	Award Amount
Western Heights Public Schools	Statewide Mathematics	Northeastern State University Broken Arrow	5	72	\$550,000 each year for three years
Noble Public Schools	Statewide Science	University of Oklahoma	7	69	\$550,000 each year for three years
Osage County Interlocal Cooperative	Statewide Mentoring	Tulsa University	17	80	\$550,000 each year for three years
Lawton Public Schools	Regional	Cameron University	16	40	\$200,000 for one year
Tahlequah Public Schools	Regional	Northeastern State University	0	46	\$200,000 for one year
Durant Public Schools	Regional	Southeastern Oklahoma State University	3	60	\$200,000 for one year
Edmond Public Schools	Regional	St. Gregory's University	6	55	\$200,000 for one year
			54	422	\$ 2,450,000