



JANET BARRESI
STATE SUPERINTENDENT OF PUBLIC INSTRUCTION
STATE OF OKLAHOMA

MEMORANDUM

TO: The Honorable Members of the State Board of Education
FROM: Janet Barresi *JCB*
DATE: October 25, 2012
SUBJECT: Awarded School Lists of OSDE and *FIRST* Robotics Grant Cycle

State Board approval is requested for the OSDE and *FIRST* Robotics Grant cycle of the 2012-2013 school year. The OSDE and *FIRST* Committee completed a critical review of all submitted applications. Lists of schools receiving awards as well as a list showing the grand total of all awards are attached. The awardee lists have been broken down by *FIRST* event category, awarded school district, awarded school site, and amount awarded. A copy of the application and scoring rubric is also been provided for your review.

JB:jd

Attachments

FIRST LEGO LEAGUE AWARDEES

<u>School District/Congressional District</u>	<u>Site</u>	<u>\$ Amt Awarded</u>
Chickasha	4 Grand ES	\$500
Chickasha	4 Lincoln ES	\$500
Cottonwood	2 Cottonwood ES	\$500
Discovery School of Tulsa	1 Dove Science Academy Tulsa	\$500
Frontier	3 Frontier Middle School	\$500
Macomb	5 Macomb PS	\$500
Meeker	3 Meeker Elementary	\$500
Meeker	3 Meeker Elementary	\$250
Meeker	3 Meeker Middle School	\$250
Muskogee	2 Whittier	\$500
Putman City Independent	5 Northridge Elementary	\$500
	GRAND TOTAL	\$5,000

FIRST TECH CHALLENGE AWARDEES

Ardmore	2 Ardmore HS	\$1,250.00
Arnett	3 Arnett HS	\$2,500.00
Discovery School of Tulsa	1 Dove Science Academy Tulsa	\$1,250.00
Frontier	3 Frontier HS	\$500.00
Haileyville	2 Haileyville	\$2,000.00
Macomb	5 Macomb PS	\$2,500.00
Meeker	3 Meeker HS	\$2,500.00
Newcastle	4 Newcastle HS	\$2,440.00
Okarche	3 Okarche HS	\$2,500.00
Burns Flat Regional Site	3 Burns Flat	\$2,009.00
Oklahoma City	5 John Marshall Mid-High School	\$2,500.00
Owasso	1 Owasso Senior HS	\$2,500.00
Owasso	1 Owasso Mid-High School	\$2,500.00
Tulsa	1 Booker T Washington HS	\$2,500.00
	GRAND TOTAL	\$29,449

FIRST ROBOTIC CHALLENGE AWARDEES

<u>School District</u>	<u>Site</u>	<u>\$Amt Awarded</u>
Adair	2 Adair HS	\$5,000.00
Chickasha	4 Chickasha HS	\$5,000.00
Deer Creek	5 Deer Creek HS	\$1,000.00
Edmond	5 Edmond Memorial	\$1,000.00
Fort Gibson	2 Fort Gibson HS	\$5,000.00
Grove	2 Grove HS	\$1,000.00
Jenks	1 Jenks HS	\$1,000.00
Lawton	4 MacArthur HS	\$1,000.00
Mustang	5 Mustang HS	\$1,000.00

Oologah-Talala	2 Oologah Middle School & HS	\$5,000.00
Pryor	2 Pryor HS	\$5,000.00
Sperry	1 Sperry HS	\$500.00
Union	1 Union HS	\$1,000.00
	GRAND TOTAL	\$32,500
	TOTAL \$ AMOUNT AWARDED	\$67,449

Assurance/Signature Page
2012-2013

School District: _____

School: _____

Address: _____

City: _____

Phone: _____

Email: _____

Superintendent: _____

Principal/Project Manager _____

Fiscal Manager: _____

Team Coach/Instructor: _____

Assurances:

1. Grantee shall use funds to support activities related to support of *FIRST* teams including participation in an Oklahoma regional competition.
2. Grantee agrees to carry out the project as described in the application and program description.
3. Grantee agrees to file a final report to include all eligible reimbursement activities no later than May 20, 2013.

Superintendent Name (print): _____ Date: _____

Superintendent Signature: _____

Principal/Project Manager Name (print): _____ Date: _____

Principal/Project Manager Signature: _____

Oklahoma State Department of Education

2012-2013 Oklahoma Robotics Grant Application

Mail completed application to:

Oklahoma State Department of Education
Office of Instruction
Attn: Jeff Downs, Executive Director of STEM
2500 North Lincoln Boulevard, Suite 315
Oklahoma City OK 73105

Please check the appropriate *FIRST* programs for which you are applying:

_____ FLL Team _____ FTC _____ FRC Team

Number of anticipated student participants: _____

Has this program previously participated in *FIRST* programs? (Yes or No): _____

If yes, please identify the program and indicate the number of years of participation

_____ <i>FIRST</i> Lego League	(FLL) Number of years: _____
_____ <i>FIRST</i> Tech Challenge	(FTC) Number of Years: _____
_____ <i>FIRST</i> Robotics Competition	(FRC) Number of Years: _____

Oklahoma State Department of Education

2012-2013 Oklahoma Robotics Grant Application

1. Program Goals and Objectives:

- Describe how participation in *FIRST* programs will contribute to helping students meet Oklahoma C3 standards, Common Core State Standards, and *PASS* Standards for Science, Technology, Engineering, and Mathematics.
 - <http://ok.gov/sde/oklahoma-c3-priority-academic-student-skills>

Oklahoma State Department of Education

2012-2013 Oklahoma Robotics Grant Application

2. Student Benefits:

- *FIRST* programs are a tool to get excited about STEM education concepts.
 - Describe how teams of students of students will be selected and the expected benefits to student participants.
 - How will the expected benefits be measured and documented?

Oklahoma State Department of Education

2012-2013 Oklahoma Robotics Grant Application

3. Program Timeline:

- Program timeline should include project milestones from implementation to competition participation. Timelines must include the activities described in the resources section of this application.

Oklahoma State Department of Education

2012-2013 Oklahoma Robotics Grant Application

4. Volunteer Mentors:

- Engaging mentors from industry to support your *FIRST* team is a key component of the impact your students will experience from the program.
 - Describe your plan for inviting and engaging industry/business partners that will be participating in the project, i.e., design, fabrication, mechanical, and electrical concepts, computer programming, control systems, marketing, fundraising, etc.
 - List names and affiliations for existing and future partners.
 - Will you use parents on your team? If so, what is their industry affiliation?

Oklahoma State Department of Education

2012-2013 Oklahoma Robotics Grant Application

5. Facilities:

- Identify and describe the facilities for use in designing and building the robot and indicate if the space is on the school grounds or in the community, i.e., school machine shop, classroom, local industry shop, etc.

Oklahoma State Department of Education

2012-2013 Oklahoma Robotics Grant Application

6. Evaluation:

- Describe the method of evaluation you will use to determine the success of the project. Please include all evaluating tools used.

Oklahoma State Department of Education

2012-2013 Oklahoma Robotics Grant Application

7. Student Teams:

- Describe how teams of students will be selected for this project. Please be very detailed in your response.

Oklahoma State Department of Education

2012-2013 Oklahoma Robotics Grant Application

8. Additional Financial Support:

- Describe if monies apart from this grant will be utilized for this project. Be specific with your response.

2012-2013 *FIRST* Robotics Team Budget Summary

Participation in any of the competitions requires a wide variety of financial resources. Please consider the following when completing the budget narrative:

- **FLL (*FIRST* Lego League)**
- Registration Fee: \$225
- Kit of Parts as needed: \$420
- Event Registration Fees per Event : \$80
- Additional Robot Materials \$200 + or –
- Tools and Supplies : \$200 + or –
- Competition Travel Expenses : Varies with location

- **FTC (*FIRST* Tech Challenge):**
- Registration Fee: \$275
- Kit of Parts as Needed: \$850
- Event Registration Fees per Event : \$100
- Additional Robot Materials: \$275
- Competition Travel Expenses: Varies with location

- **FRC (*FIRST* Robotics Competition):**
- Registration Fee: \$5000-\$6500
- Additional Robot Materials \$2000 + or –
- Tools and Supplies : \$1500 + or –
- Competition Travel Expenses : Varies with location

**2012-2013 ROBOTICS GRANT
PROGRAM BUDGET SUMMARY**

County Code:	
County Name:	
District Code:	
Description-List planned expenditure of grant funds	Approximate Cost:
Total (not to exceed grant amount)	

Application form was received on or before due date with complete signatures, forms, and copies.	YES – NO
Date Received:	

OSDE/*FIRST* Robotics Rubric

Applying School: _____

DATE: _____

A. Program Goals and Objectives

- A. Describes the overall goals/objectives of the program and alignment to Oklahoma *PASS* standards and/or national science standards

0 pts = Little or no evidence	2 = Minimal Evidence	3 = Sufficient Evidence	4 = Outstanding Evidence
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Comments:

Score: _____

B. Student Benefits

- A. Describes the expected benefits to student participants and how those benefits will be measured and documented

0 pts = Little or no evidence	2 = Minimal Evidence	3 = Sufficient Evidence	4 = Outstanding Evidence
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Comments:

Score: _____

OSDE/*FIRST* Robotics Rubric

C. Program Timeline

A. Provides a timeline describing implementation of project and participation in robot competitions

0 pts = Little or no evidence	2 = Minimal Evidence	3 = Sufficient Evidence	4 = Outstanding Evidence
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Comments:

Score: _____

D. Volunteer mentors

A. Describes the role of the volunteers participating in the project (i.e. fabrication, mechanical and electrical concepts, computer programming and control, etc.)

0 pts = Little or no evidence	2 = Minimal Evidence	3 = Sufficient Evidence	4 = Outstanding Evidence
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Comments:

Score: _____

OSDE/*FIRST* Robotics Rubric

5. Facilities

A. Describes the facilities available for use in designing and building the robot
(i.e. woodworking, welding, etc.)

0 pts = Little or no evidence	2 = Minimal Evidence	3 = Sufficient Evidence	4 = Outstanding Evidence
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Comments:

Score: _____

6. Evaluation

A. Describes the method of evaluation used to determine the success of the project.

0 pts = Little or no evidence	2 = Minimal Evidence	3 = Sufficient Evidence	4 = Outstanding Evidence
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Comments:

Score: _____

OSDE/*FIRST* Robotics Rubric

7. Student Teams

A. Describe how teams of students will be selected for this project.

0 pts = Little or no evidence	2 = Minimal Evidence	3 = Sufficient Evidence	4 = Outstanding Evidence
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Comments:

Score: _____

8. Additional financial support

A. Describe if monies apart from this grant will be utilized for this project and for what purposes.

0 pts = Little or no evidence	2 = Minimal Evidence	3 = Sufficient Evidence	4 = Outstanding Evidence
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Comments:

Score: _____

OSDE/*FIRST* Robotics Rubric

9. Budget Summary

B. Describe how monies from this grant will be utilized for this project and for what purposes.

0 pts = Little or no evidence	2 = Minimal Evidence	3 = Sufficient Evidence	4 = Outstanding Evidence
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Comments:

Score: _____

10. Application

A. Application Form was received on or before due date with complete signatures, forms, and copies.

0 pts = Little or no evidence	2 = Minimal Evidence	3 = Sufficient Evidence	4 = Outstanding Evidence
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Comments:

Score: _____

OSDE/*FIRST* Robotics Rubric

Please choose one of these and explain your position.

Why would you consider this applicant a receipt of the grant?

Why would you NOT choose this applicant as a receipt of the grant?

Final Score:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

Total Score: