



SANDY GARRETT
STATE SUPERINTENDENT OF PUBLIC INSTRUCTION
STATE OF OKLAHOMA

MEMORANDUM

TO: District Superintendents
FROM: Sandy Garrett
DATE: August 6, 2007
SUBJECT: 2007 – 2008 Oklahoma Robotics Grant

In House Bill 1133, the Oklahoma State Legislature appropriated \$100,000 to establish robotics projects in school districts. The Oklahoma State Board of Education will award twenty grants to school districts in the amount of \$5,000 each to implement remote-controlled robot projects for entry in Oklahoma regional and national competitions.

Applicants must demonstrate commitment to the development of student teams, recruitment of volunteer mentors, designing and building of remote-controlled robots, and entering competitions. Eligibility for grants is limited to Oklahoma high schools that have not previously participated in robot competitions.

Complete applications will include four copies of the grant proposal. Applications must be received by the Office of Standards and Curriculum, 2500 North Lincoln Boulevard, Suite 315, Oklahoma City, Oklahoma, 73105, **no later than Wednesday, October 17, 2007**, to be considered for the 2007 - 2008 grants. For assistance, please contact Jana Rowland, Science Director, at (405) 522-3524, or <Jana_Rowland@sde.state.ok.us>.

Funds may be utilized for competition registration and related expenses. Funds may not be utilized for food items.

Programs that receive grant funding must submit a final project report and expenditure report to the Office of Standards and Curriculum upon completion of the project.

SG:jr

C: Principals

Sandy Garrett
State Superintendent of Public Instruction
Oklahoma State Department of Education
Office of Standards and Curriculum

2007 - 2008 Oklahoma Robotics Grant Application

Due Date: Wednesday, October 17, 2007

**Mail complete application to: Office of Standards and Curriculum
Jana Rowland, Science Director
2500 North Lincoln Boulevard, Suite 315
Oklahoma City, OK 73105**

School District Name:	_____
Superintendent Name:	_____
Superintendent Signature:	_____
School Site Name:	_____
Principal Name:	_____
Program Director Name:	_____
Program Director E-mail:	_____
Program Director Telephone:	_____
Program Director Fax:	_____
Number of Student Participants:	_____
Number of Teacher Participants:	_____
Number of Volunteer Participants:	_____

Has this program previously participated in a remote-controlled Oklahoma regional and national robot competition?	Yes _____	No _____
Are you committed to participation in the Oklahoma regional and national robotics competitions?	Yes _____	No _____

Sandy Garrett
State Superintendent of Public Instruction
Oklahoma State Department of Education
Office of Standards and Curriculum

2007 – 2008 Robotics Grant Program Application

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

2. **Program Goals and Objectives** – Describe the overall goals/objectives of the program and alignment to Oklahoma *PASS* standards and/or national science standards.

3. **Student Benefits** – Describe the expected benefits to student participants and how those benefits will be measured and documented.

4. Program Timeline – Provide a timeline describing implementation of project and participation in robot competitions.

5. Volunteer mentors – Describe the role of the volunteers participating in the project (i.e. fabrication, mechanical and electrical concepts, computer programming and control, etc.)

6. Facilities – Describe the facilities available for use in designing and building the robot (i.e. woodworking, welding, etc.)

7. Evaluation – Describe the method of evaluation you will use to determine the success of the project.

8. Additional Financial Support – Describe if monies apart from this grant will be utilized for this project and for what purposes.

9. Student Teams – Describe how teams of students will be selected for this project.

Sandy Garrett
State Superintendent of Public Instruction
Oklahoma State Department of Education
Office of Standards and Curriculum

ROBOTICS GRANT PROGRAM BUDGET SUMMARY

2007 - 2008

County Code:
County Name:
District Code:
District Name:

Description (how you plan to spend the \$5,000 grant)	Approximate Cost:
Total	

**Robotics Grant Scoring Rubric
2007 - 2008**

Reader Number _____

Applying School _____

Total Points _____

1. Application -

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

No Evidence (0 points)	Minimal Evidence (1 - 2 points)	Sufficient Evidence (3 - 4 points)	Outstanding Evidence (5 - 6 points)

2. Program Goals and Objectives –

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

No Evidence (0 points)	Minimal Evidence (1 - 2 points)	Sufficient Evidence (3 - 4 points)	Outstanding Evidence (5 - 6 points)

3. Student Benefits –

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

No Evidence (0 points)	Minimal Evidence (1 - 2 points)	Sufficient Evidence (3 - 4 points)	Outstanding Evidence (5 - 6 points)

4. Program Timeline –

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

No Evidence (0 points)	Minimal Evidence (1 - 2 points)	Sufficient Evidence (3 - 4 points)	Outstanding Evidence (5 - 6 points)

5. Volunteer mentors –

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

No Evidence (0 points)	Minimal Evidence (1 - 2 points)	Sufficient Evidence (3 - 4 points)	Outstanding Evidence (5 - 6 points)

6. Facilities –

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

No Evidence (0 points)	Minimal Evidence (1 - 2 points)	Sufficient Evidence (3 - 4 points)	Outstanding Evidence (5 - 6 points)

7. Evaluation –

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

No Evidence (0 points)	Minimal Evidence (1 - 2 points)	Sufficient Evidence (3 - 4 points)	Outstanding Evidence (5 - 6 points)

8. Additional financial support –

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

No Evidence (0 points)	Minimal Evidence (1 - 2 points)	Sufficient Evidence (3 - 4 points)	Outstanding Evidence (5 - 6 points)

9. Student Teams

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

No Evidence (0 points)	Minimal Evidence (1 - 2 points)	Sufficient Evidence (3 - 4 points)	Outstanding Evidence (5 - 6 points)