

# 2014-2015 OSDE/*FIRST* PARTNERSHIP GRANT APPLICATION

OKLAHOMA STATE DEPARTMENT OF EDUCATION

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Email or Mail complete application to:



**Jeff.Downs@sde.ok.gov**

Office of Instruction • Oklahoma State Department of Education

ATTN: Jeff Downs, Executive Director of STEM

2500 North Lincoln Blvd, Oklahoma City, OK 73105

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

FLL Team    FTC Team    FRC Team

Number of anticipated student participants \_\_\_\_\_

Has this program participated in *FIRST* programs in the past three (3) years?    YES    NO

If YES, please identify the program and list number of years of participation.

*FIRST* Lego League                      (FLL) Number of Years \_\_\_\_\_

*FIRST* Tech Challenge                      (FTC) Number of Years \_\_\_\_\_

*FIRST* Robotics Competition              (FRC) Number of Years \_\_\_\_\_

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## 1 Program Goals and Objectives

- Describe how participation in *FIRST* programs will contribute to helping students meet Oklahoma Academic Standards for Math and Science.

- <http://ok.gov/sde/oklahoma-c3-priority-academic-student-skills>

- Support Tip – List the standard taught. Be concise and to the point. For Example...

My *FIRST* team will be taught the following standards throughout the experience:

- Standard 5: Data Analysis - The student will demonstrate an understanding of collection, display, and interpretation of data and probability.

(In 250 words or less, please explain in detail how the academic standards will be connected with the activities.)

## 2 Student Benefits

- *FIRST* programs are a tool to get students excited about STEM education concepts. In this section please cover the following areas:
  - Describe the expected benefits to student participants?
  - How will the expected benefits be measured and documented?

(In 250 words or less, please explain in detail how the activities will be measured and documented. Be sure to be specific mentioning all known benefits and usage of specific evaluation tools.)

## 3 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, describe how parents will be used?

## 4 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.)

## 5 Assessment

- Describe the assessment you will use to determine student progress and the overall success of the project. If possible, attach a sample of the assessment used with students to the application.

## 6 Student Teams

- Explain in detail how students will be selected for this project. Is this project being planned for a gifted class only or is it an inclusive approach? Please be very detailed in your response.  
NOTE: Teams made up of all levels of learning will be given the highest consideration.

## 7 Additional Financial Support

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

## 8 Program Sustainment

- If you are a recent *FIRST* start up team, please explain how you will sustain this *FIRST* program in the coming years.
- If you are a veteran *FIRST* team, please explain how you have kept the *FIRST* program moving forward.  
(please keep your response to 250 words or less)

# 2014-2015 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: \$550
- Event Registration Fees per Event : \$55-\$75
- Additional Robot Materials \$200 + or –
- Tools and Supplies (field kit-\$75, table \$65, etc.): \$200 + or –
- Competition Travel Expenses: Varies

### FTC (FIRST Tech Challenge)

- Registration Fee: \$275
- Kit of Parts as needed: \$665-\$900
- Event Registration fees per event: \$100-\$200
- Additional Robot Materials: \$275
- Competition Travel Expenses: Varies

### FRC (FIRST Robotics Competition)

- Registration Fee: \$5000-\$6000
- Additional Robot Materials \$2000 + or -
- Tools and Supplies: \$1500 + or -
- Competition Travel Expenses: Varies

## 2014-2015 OSDE/FIRST PARTNERSHIP GRANT PROGRAM BUDGET SUMMARY

\*District Name

\*District Code

\*County Name

\*County Code

\* = Required information. All awarded OSDE/FIRST Grants will use OCAS Project Code: **363** and OCAS Fund Code: **11**

Detailed Item Description	Item Justification/Usage <i>(explanation for need of item)</i>	Unit Cost

The Budget Summary is to only address the materials or registration items being purchased with the OSDE/FIRST awarded grant funds. Keep in mind, the total amount may not reflect your overall costs for participation of the FIRST event. The total cost on this Budget Summary should not exceed the awarded grant amount.

**Total Cost \$** \_\_\_\_\_