

# FIRST Indiana Robotics Participation: Service-Based Learning

## Reflection of Experience: Employability Skills Work Product

### What is Service-Based Learning?

Service-based learning integrates meaningful service to enrich and apply academic knowledge, teach civic and personal responsibility (and other employability skills), and strengthen communities.

SBL can be classified by three core indicators:

1. Integrating academic study with service experience;
2. Reflecting larger social, economic, and societal issues; and
3. Collaborating efforts between students, schools, and community partners.

SBL experiences address complex problems in real settings, rather than simplifying a problem or isolating it in a classroom setting. The experience must promote deeper learning for the student beyond the classroom that builds leadership skills, such as teamwork, communication, problem solving, critical thinking, and citizenship. SBL should be solution-oriented for the school, students, and community.

### What is required for FIRST Indiana Robotics participation to be counted in meeting the Employability Skills requirements for Graduation?

For FIRST Indiana Robotics participation to be counted as meeting the Employability Skills requirement for the Graduation Pathway Plan, the student must be **Meanfully Engaged** in the activity not just participating in the activity. The student must own the experience, which can be demonstrated through planning, organizing, implementing, participating and evaluating the service activities or events of his or her participation in FIRST Indiana Robotics.

### Directions:

- A. Student needs to complete Parts 1 and 2 (below) of this document using Microsoft Word. It is important that you provide details and examples to prove your service through FIRST Indiana Robotics involvement.
- B. E-mail your completed document to your Robotics Coach and assigned Guidance Counselor for review.

## Reflection of Experience from Participation in FIRST Robotics

Student Name:

Grade Level:

Role on Team:

Participation Start Date:

Participation End Date:

### PART 1: SUMMARY OF SERVICE TO SCHOOL OR COMMUNITY

#### ***Instructions:***

You are to select a specific activity or event in which you were actively involved in providing a SERVICE to either your fellow students at (insert high school name here) or to an outside community organization. For example: You were involved in the (insert custom example here).

Include the following points in your written response:

- Give a detailed description of the service activity or event that you were involved in providing either within the school or to an outside community group or organization.
- Describe the benefits to the students or outside group as a result of the service activities.
- Describe your role in the identification, planning, implementing, and operation of the service event and/or activity.
- Identify the problems or challenges faced during the implementation of the project and potential ways to improve, continue, and/or expand the service activity or event in the future.
- What did you learn the most about as a result of your involvement in this activity or event?

#### **Begin your Response below:**

(The document will expand as you type)

## PART 2: EMPLOYABILITY SKILLS

### **Instructions:**

- Listed below are six important Employability Skills from the Indiana’s Employability Skills Benchmarks document.
- For each of the areas listed below, you are to explain how your involvement in Indiana FIRST Robotics assisted you with learning and developing this specific employability skill area. It is best to provide a specific example describing what you learned about the employability skill or how you may use this experience in the future.  
*(The document will expand as you type.)*

1. **PROFESSIONALISM AND WORK ETHIC** – (Punctual with good attendance; uses appropriate judgement; demonstrates respect for others; demonstrates social maturity and behaviors appropriate to the situation and environment; dresses appropriately, and speaks politely.)

### ***Your Response:***

2. **COMMUNICATION SKILLS** – (Clearly, effectively, and convincingly expresses ideas and messages to others.)

### ***Your Response:***

3. **ORGANIZATION AND INFORMATION GATHERING** – (Observes and gathers evidence/information and considers multiple perspectives to make informed decisions; locates, organizes, and analyzes and communicates information.)

### ***Your Response:***

4. **PROBLEM SOLVING** – (Applies critical thinking skills to complex problems; evaluates causes, problems, patterns or issues and explores workable solutions to improve situations.)

### ***Your Response:***

5. **TEAMWORK AND LEADERSHIP** – (Creates positive and responsive relationships with peers, colleagues and customers; uses effective collaboration and cooperation skills. Guides, supports and encourages groups of diverse people; sharing knowledge and skills when possible.)

### ***Your Response:***

6. **CONFLICT MANAGEMENT** – (Negotiates to resolve or mediate conflict; avoids potential or perceived conflicts.)

### ***Your Response:***