



**FIRST LEGO League**



**Ages 9-14**

# 4-H Project Record Book/Report

FLL introduces younger students to real-world engineering challenges by building LEGO-based robots to complete tasks on a thematic playing surface. FLL teams, guided by their imaginations and adult coaches, discover exciting career possibilities and, through the process, learn to make positive contributions to society.

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

Age: \_\_\_\_\_ Years in 4-H \_\_\_\_\_ # of years in this program \_\_\_\_\_

Mailing Address: \_\_\_\_\_

County: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Grade in School: \_\_\_\_\_ Name of School: \_\_\_\_\_

Your 4-H County: \_\_\_\_\_ Your 4-H Agent: \_\_\_\_\_

Club/Group: \_\_\_\_\_

Club Lead/Coach: \_\_\_\_\_

Parents/Guardian Name: \_\_\_\_\_

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I personally prepared this record/report and it is a true record of my 4-H FLL Project.

4-H Member Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Approval of this report:**

Parents/Guardian: \_\_\_\_\_ Date: \_\_\_\_\_

4-H Leader/Coach: \_\_\_\_\_ Date: \_\_\_\_\_

**Instructions:**

- Complete a project record/report for your FLL Project and submit the report with all of the attachments listed. Sections 1 -3 can be filled out within the first few weeks, the rest during the FLL Season.

# SECTION 1: Objectives and Goals

What are your goal(s) for this FLL season and what do you expect to learn?:

## SECTION 2: Project Bookkeeping Report for TEAM

Items	Expense	Income
Example (FLL Field Set Up Kit)	\$75.00	
Example (Publix Fundraiser)		\$300.00
TOTALS		

Profit or Loss:

This Season our Team Income Totals	\$
This Season our Team Expenses Totals	\$
Which gave our team a Net Profit or Loss of	

## **SECTION 2: FLL Core Values/Teamwork**

FLL Core Values:

- i. We do the work to find the solutions with guidance from our coaches and mentors.
- ii. We know our coaches and mentors don't have all the answers; we learn together.
- iii. We honor the spirit of friendly competition.
- iv. What we discover is more important than what we win.
- v. We share our experiences with others.
- vi. We display Gracious Professionalism™ and Coopertition™ in everything we do.
- vii. We have fun!

**Complete these questions if you can: (use additional paper if needed)**

How does your team practice FLL Core Values?

What was your favorite teamwork activity?

What challenges did your team have to overcome?

What is your favorite FLL Core Value and Why?

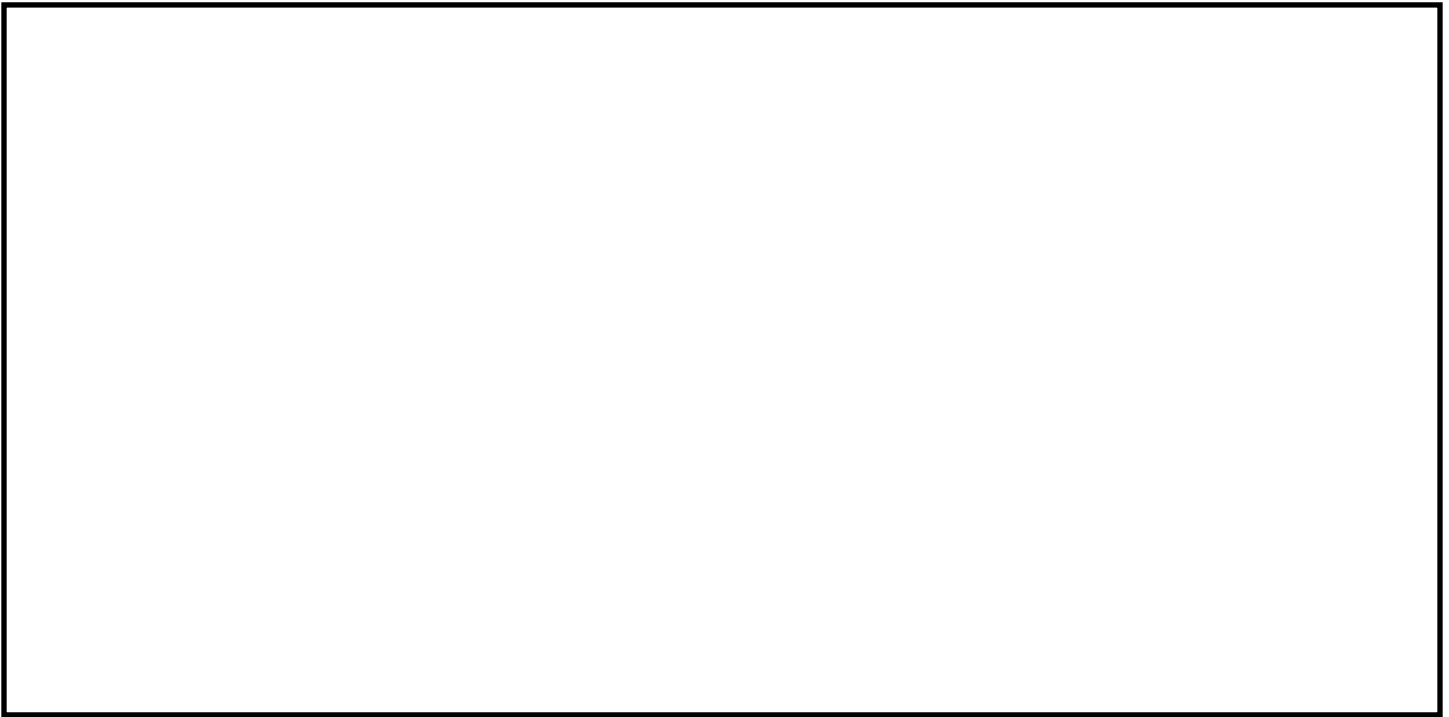
What were your team's Community Service and 4-H Service efforts?

### **SECTION 3: PROJECT**

This year's FLL challenge is: \_\_\_\_\_

What problem is your team studying?: \_\_\_\_\_

Picture of Project Solution:



Project Solution Description:

We shared our solution with:

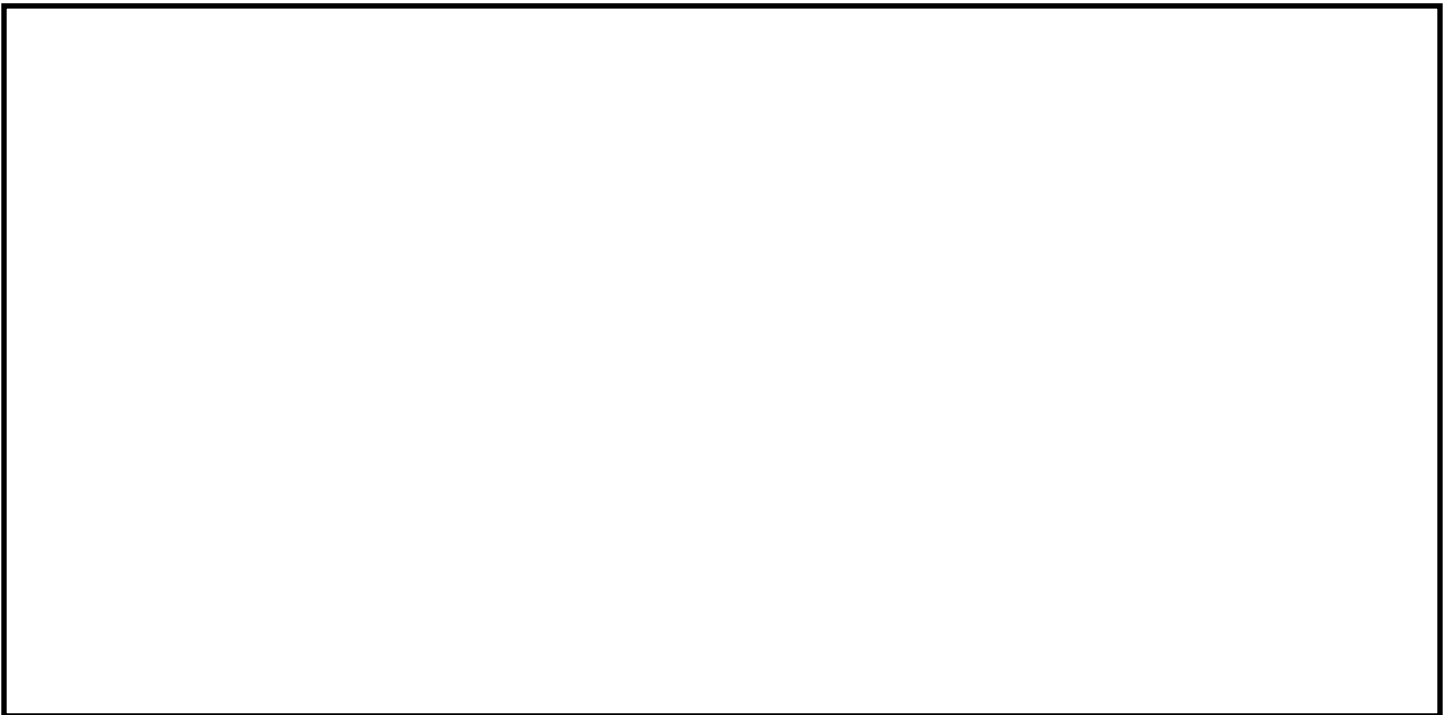
What I learned during the research process:

How this solution will help our community:

Changes made to Project (Solution/Presentation/etc):

## **SECTION 4: ROBOT DESIGN**

Picture of our teams Robot Design concept:



Describe the mechanical design:

Programming Information:

Strategy and Innovation:

Changes Made to the Robot during Competition Season:

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## **SECTION 5: COMPETITION EVENTS/AWARDS & RECOGNITION**

Our Team Competed at \_\_\_\_\_ event(s) during this FLL Season.

Awards won:

Pictures from Competitions:

### SECTION 6: PERSONAL HIGHLIGHTS

Position(s) held on team:

List of Demonstrations, Community Service, 4-H Events/Activities Attended, field trips, lists of competitions, newspaper articles, tours, workshops, camps, etc. that you have participated in during this FLL Season.

<b>Date</b>	<b>Activity</b>	<b>Club</b>	<b>4-H County</b>	<b>4-H District</b>	<b># of times</b>
0/0/00	4-H Kickoff event		X		1

\*\*Add additional pages if necessary



## **SECTION 7: SEASON REVIEW**

My favorite things in 4-H this year:

What I learned this FLL Season:

What challenges I faced this year and what I did about them:

A Proud Moment from this FLL Season:

What I would like to do next season:

## **SECTION 8: YOUR 4-H HISTORY**

In Your Story include as many as the following as possible:

- What 4-H work has meant to you.
- What you have learned.
- What safety practices you used in your project.
- How you managed your project.
- What you can do to improve your project next year.
- About your trip to Congress or Camp.
- What you did to make the best better.
- About any other 4-H experiences.



## SECTION 9: ADDITIONAL PHOTOGRAPHS

If possible – please show the beginning of your project, working being done, & your completed project.



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With the Help of 4-H Exploding Bacon Robotics Club – *FIRST* Robotics Competition Team 1902.