



Jr. FIRST LEGO League



Ages 6-9

4-H Project Book/Report

Jr. FLL is for children ages 6-9, Junior *FIRST*® LEGO® League (Jr.FLL®) captures young children's curiosity and directs it toward discovering the wonders of science and technology. This program features a real-world scientific concept to be explored through research, teamwork, construction, and imagination. Guided by adult Coaches, teams use LEGO® bricks to build a model that moves and develop a *Show Me* Poster to illustrate their journey.

My Name is: _____

Age: _____ Grade in School: _____

My Address is: _____

I have been a 4-H Member for _____ year(s).

My Jr. FLL Project this year is:

My Team and I: Please Check (✓) all that applies.

- Design and build a challenge-related model using LEGO® components
- Create a *Show Me* Poster and practice presentation skills
- Explore challenges facing today's scientists
- Discover real-world math and science

developed teamwork skills

participated in expos and showcases

Engaged in team activities guided by the cornerstones of the Jr.FLL program are its Core Values, which emphasize contributions of others, friendly sportsmanship, learning, and community involvement.

- We are a team.
- We do the work. Our Coaches and mentors help us learn, but we find the answers ourselves.
- We share our experiences and discoveries with others.
- We are helpful, kind, and show respect when we work, play, and share. We call this Gracious Professionalism.
- We are all winners.
- We have fun!

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

How did your team come up with your project?

Research sources (computer, books, articles, team field trips) did your team use?

What challenges for today's scientist did you discover?

What real-world math and science did you learn about?

What did you discover about teamwork?

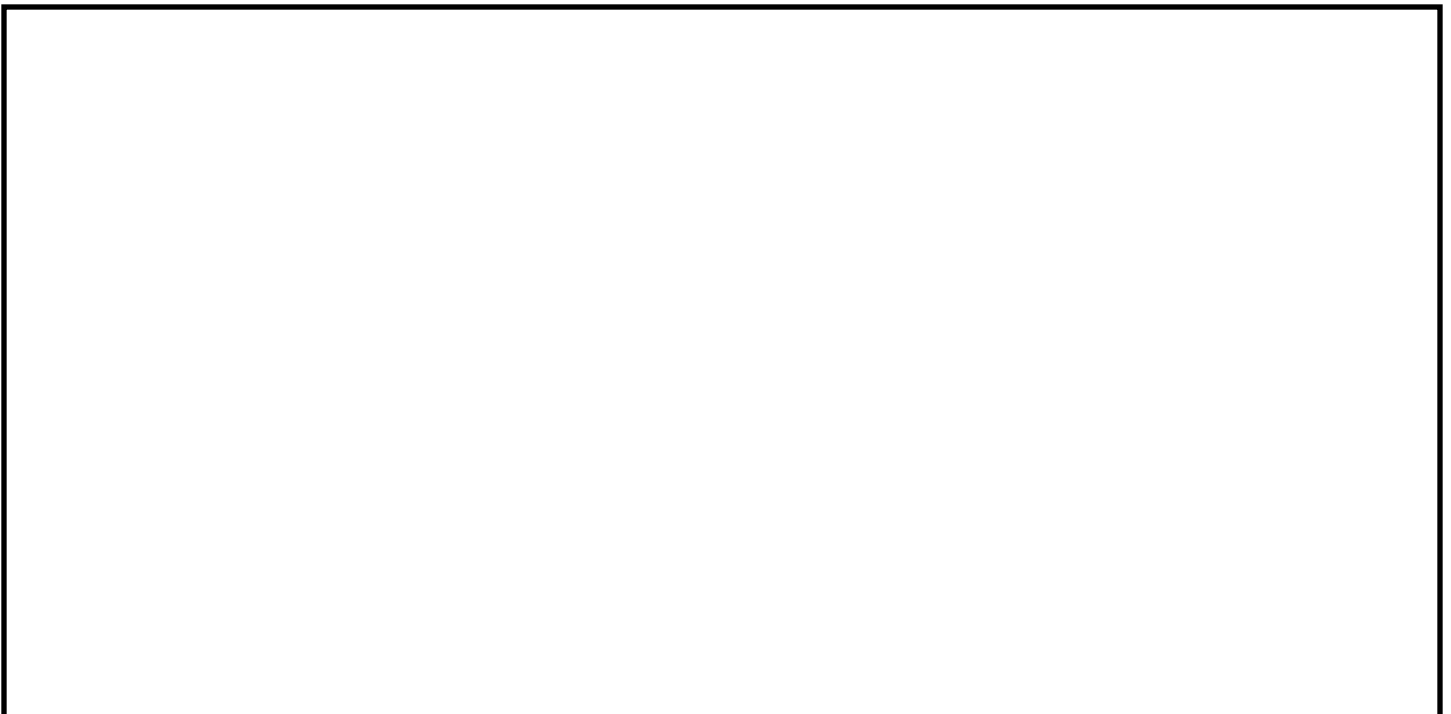
What is your favorite core value and why?

On my team I helped with:

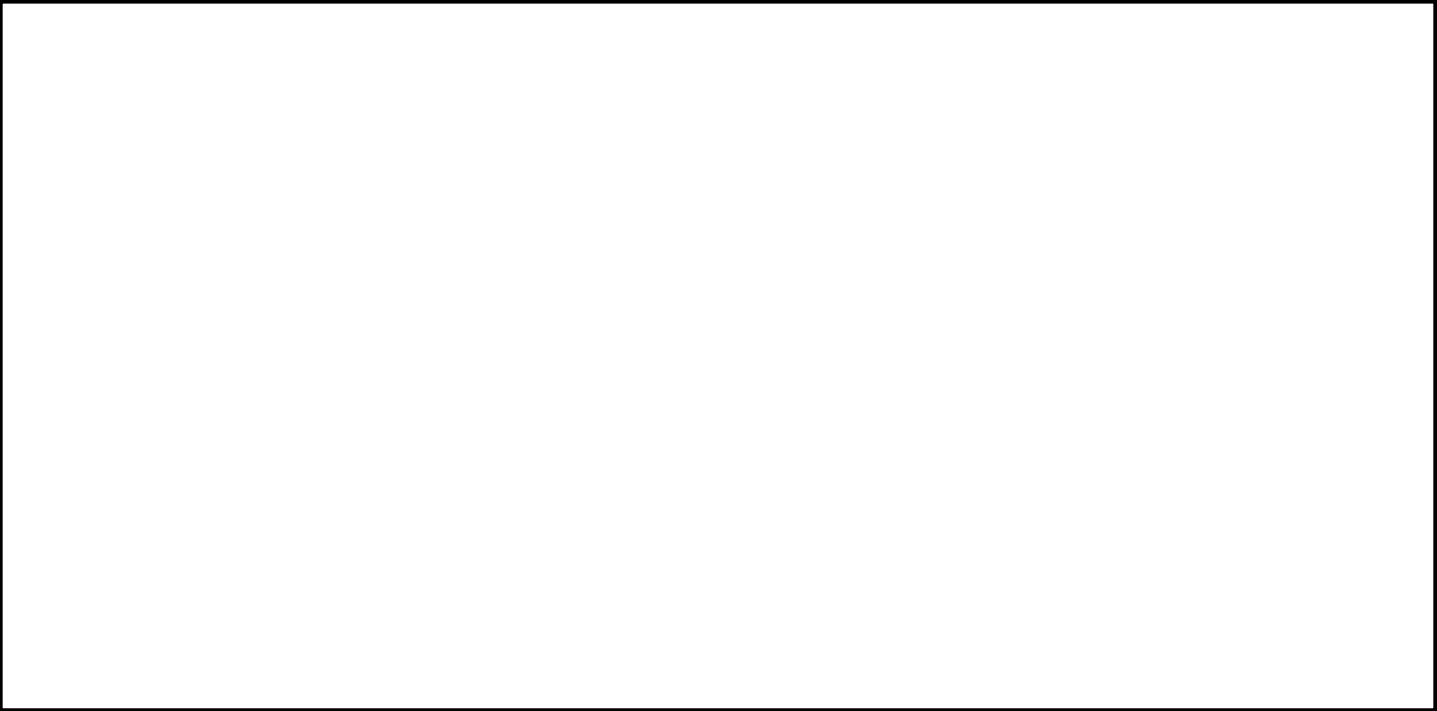
My team's community involvement and 4-H service activities:

Something new I learned this year:

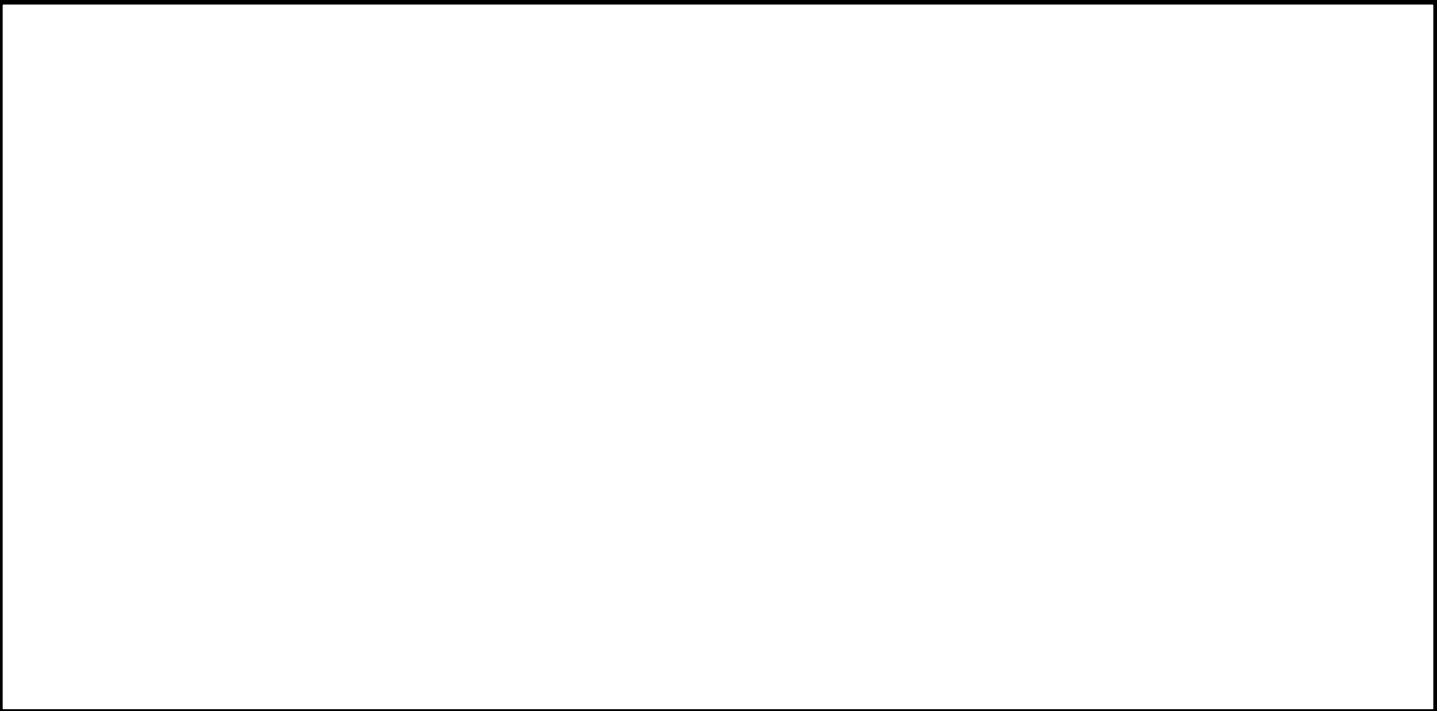
Picture of our "Show Me" Poster



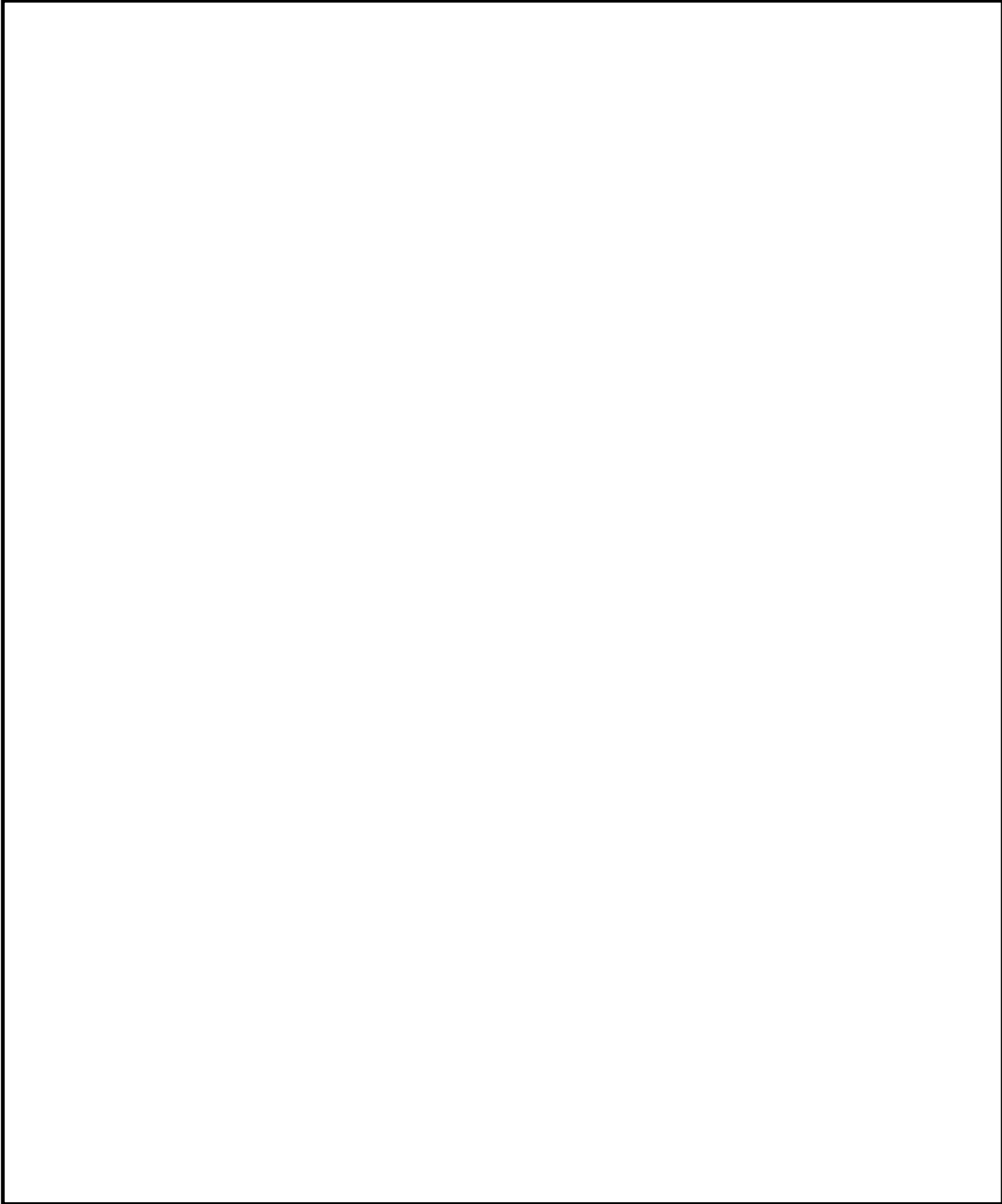
Picture of our Challenge-Related Model (Lego Creation)



Picture of our team at an Expo or Showcase



Extra Pictures I would like to include:



My favorite things in 4-H this year:

Instructions:

- ❖ Fill out the 4-H Jr. FLL Project Book (can be done during the year or you can take notes and fill out at the end of the year.)
- ❖ For each project you participated in, you can attach project books or worksheets to show your accomplishments.
- ❖ This information will be reviewed and you will be recognized for your participation.
- ❖ Please turn in by the 4-H scheduled due date.



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EXPLODING BACON



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