



Here are some tasks for the team to work on during the season. This is just a sample list – the main point as coach is to make sure they keep working! Even teams with very high scores can find things to work on and improve.

Robot Game/Tech Briefing

- Visit <http://www.firstinspires.org/resource-library/fll/animal-allies-challenge-updates-and-resources> to view the challenge and missions
- Receive the team Challenge Set
- Build Challenge Set pieces to exact specs
- Look on firstinspires.org to note the exact setup of the table
- Build a robot (check the robot rules in challenge doc)
- Check Challenge Updates
- Strategize which missions to attempt
- Work on missions
- Check Challenge Updates
- Build attachments
- Re-strategize
- Check Challenge Updates
- Continue to work on missions
- Redesign robot if necessary
- Check Challenge Updates
- Attempt new missions
- Combine missions/work on timing
- Check Challenge Updates
- Practice “official” runs
- Practice talking about robot design and programming, read the judges rubrics at <http://www.firstinspires.org/resource-library/fll/judging-rubrics>
- Save backups of the programs
- Check Challenge Updates
- Go to a scrimmage or qualifier
- Re-strategize after scrimmage/qualifier
- Continue work on missions
- Practice “official” runs

Project

- Visit <http://www.firstinspires.org/resource-library/fll/animal-allies-challenge-updates-and-resources> to view the challenge
- Research the general topic
- Brainstorm ideas
- Choose a topic
- Check Challenge Updates
- Research, research, research
- Read the rubrics at <http://www.firstinspires.org/resource-library/fll/judging-rubrics> - what are the judges looking for?
- Talk with experts in the field
- Create an innovative solution to the problem
- Check Challenge Updates
- Think about pursuing the solution (making an invention, implementing a plan etc)
- Brainstorm how to present information to the judges (type of presentation)
- Read the rubrics at <http://www.firstinspires.org/resource-library/fll/judging-rubrics> - what are the judges looking for?
- Decide on presentation type
- Work on script/plan
- Supplementary research to fill in any holes
- Make sure script/plan contains facts and the innovative solution
- Practice presentation
- Share innovative solution with others in the community – branch out from just showing parents/coaches
- Go to a scrimmage or qualifier
- Incorporate judge’s comments into presentation