FLL Sample Master Schedule
Created by TechBrick Robotics / www.techbrick.com
Marco Ciavolino / marco@techbrick.com
Written by Virginia To, TechBrick Mentor
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FLL Sample Master Schedule

The schedule below was authored by one of our mentors. We offer it as an example progress sheet for your teams.

Week	Dates	General	Robot	Project
Week 0:			Build field kit	Define Natural Disasters and assign team research on different types of natural disasters. Develop 1-2 page summary of research to share with team
Week 1:		Challenge Overview Check Robot Game updates on FLL website (firstlegoleague.org)	Set up practice field. Walk through missions and rules. Brainstorm possible mission combinations and strategies.	Discuss Project Challenge Share research on different types of project topics. Select 2 topics to focus on. Homework to research on these 2 types with focus on the challenge requirements.
Week 2:		Brainstorm team names Check Robot Game updates on FLL website (firstlegoleague.org)	Set up practice field. Review missions and rules. Brainstorm possible mission combinations and strategies. Rank order difficulties and evaluate risks.	Share research to from last week; **select a topic** to focus on and for homework research the problem and existing solutions. Discuss types of experts to meet, field trips to attend, etc. Set up field trips and meetings

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Week 3:		Discuss ideas for Team Names. Talk about team goals, what it would take to achieve the goals, review season's calendar (this one) and adjust as needed meet the goals Check Robot Game updates on FLL website (firstlegoleague.org)	Brainstorm possible mission strategies and associated robot designs. Identify and agree upon the missions the team wants to pursue. Experiment with different chassis designs	Share research to date, select **the team problem to focus on** and for homework researching the problem and existing solutions.
Week 4:		Brainstorm research ideas Select Team Name Do a Core Value Exercise	Experiment with different chassis designs, attachments. Write blocks to test.	Share team member research on the selected problem, existing solutions to that problem and results from contacting experts. Refine the team's identified problem and brainstorm innovative solutions. Continue researching existing solutions and talking to experts
Week 5:		Check Robot Game updates on FLL website (firstlegoleague.org) Identify roles and responsibilities (see suggested list below) Discuss presentation strategies – skits, song, video, etc.	Design the robot to perform 25% of the missions that the team considers easiest. Consider robot designs and strategies for expansion to other missions. Save copies and backup programs	Share team member research on the selected problem, existing solutions to that problem and results from contacting experts. Refine the team's identified problem and brainstorm innovative solutions. Continue researching existing solutions and talking to experts Select a unique solution and brainstorm how members will share their findings with others in the community.

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Week 6:		Check Robot Game updates on FLL website (firstlegoleague.org) Decide on presentation strategies – skits, song, video, etc. Do a Core Value Exercise	Design and program the robot to achieve the 25% of the missions identified in Week 3.	"Design" unique solution. Gather research and materials to support solution.
Week7:		Reassess team goals. Do we need to adjust goals or schedule based on progress to date?	Design and program the robot to achieve 50% of the team's robot-related goals	Gather research and materials. Continue design of solution.
Week8:		Do a Core Value Exercise	Design and program the robot to achieve 50% of the team's robot-related goals	Continue design of solution. Prepare research materials
Week 9:		Check Robot Game updates on FLL website (firstlegoleague.org)	Try to meet 75% of the team's robot-related goals	Complete 75% design of solution. Finish preparing materials and plans for sharing the team's findings with the community. Have team do the necessary research to fill in gaps and work on the visual aids needed for their findings
Week 10:		Check Robot Game updates on FLL website (firstlegoleague.org) Identify robot drivers (more than 2 is ok, then need to strategize rotation) Do a Core Value Exercise	Try to meet 75% of the team's robot-related goals with increasing reliability	Implement sharing strategy and plans. Brainstorm how to creatively present the team's presentation materials for the Project presentation

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Week	Dates	General	Robot	Project
Week 11:		Check Robot Game updates on FLL website (firstlegoleague.org) Finalize the presenter's roles for presentations	Try to meet 100% of the team's robot-related goals most of the time. Test the robots with different lighting conditions, understand the effects of a battery change and practice changing robot operators	Complete 100% design of solution. Create Project Presentation Materials
Week 12:		Thanksgiving Weekend Plan Core Value Poster and Core Value Presentation	Try to meet 100% of the team's robot-related goals most of the time. Test the robots with different lighting conditions, understand the effects of a battery change and practice changing robot operators. Fine -tune the robot design and programming. Make sure that all robot-related goals can be met consistently	Create Project Presentation Materials
Week 13:		Do a Core Value Exercise Plan Core Value Poster and Core Value Presentation	Fine-tune the robot design and programming. Make sure that all robot-related goals can be met consistently.	Put finishing touches on the presentation and visual aids. Have members assess whether they include all 3 steps of the project adequately in their presentation
Week 14:		Check Robot Game updates on FLL website (firstlegoleague.org) Gather materials for Core Value Poster Draft Team information Sheet and RDES	Fine-tune the robot design and programming. Make sure that all robot-related goals can be met consistently. Practice Field Table Runs. Practice Technical Presentation/Discussion	Put finishing touches on the presentation and visual aids. Have members assess whether they include all 3 steps of the project adequately in their presentation

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Week	Dates	General	Robot	Project
Week 15:		Check Robot Game updates on FLL website (firstlegoleague.org) Complete Core Value Poster Do a Core Value Exercise Practice discussions for Core Value Judging	Fine-tune the robot design and programming. Make sure that all robot-related goals can be met consistently. Practice Field Table Runs. Practice Technical Presentation/Discussion	Practice Presentation
Week 16:		Do a Core Value Exercise Practice discussions for Core Value Judging Complete Team information Sheet and RDES	Practice Field Table Runs. Practice Technical Presentation/Discussion	Fine-tune project presentation to make sure the team can stay within 5-minute limit. Present smoothly and respond confidently to questions
		Winter Holidays – meetings scheduled as necessary to prepare for qualifiers. Timed Dry Runs on all judging areas.		
		January: Prepare for Qualifier. Timed Dry Runs on all judging areas.		
TBD		**Qualifier**		

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Week	Dates	General	Robot	Project
TBD		**State Competition**		
TBD		**World or US OPEN**		
TBD	**2030**	**Globals on Mars (we can hope)**		

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