



FLL Sample Master Schedule

Created by TechBrick Robotics / www.techbrick.com

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Written by Virginia To, TechBrick Mentor

Page 1 of 6

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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Page 2 of 6

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Week 3:		<p>Discuss ideas for Team Names.</p> <p>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</p> <p>Check Robot Game updates on FLL website (firstlegoleague.org)</p>	<p>Brainstorm possible mission strategies and associated robot designs. Identify and agree upon the missions the team wants to pursue. Experiment with different chassis designs</p>	<p>Share research to date, select the team problem to focus on and for homework researching the problem and existing solutions.</p>
Week 4:		<p>Brainstorm research ideas</p> <p>Select Team Name</p> <p>Do a Core Value Exercise</p>	<p>Experiment with different chassis designs, attachments. Write blocks to test.</p>	<p>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</p>
Week 5:		<p>Check Robot Game updates on FLL website (firstlegoleague.org)</p> <p>Identify roles and responsibilities (see suggested list below)</p> <p>Discuss presentation strategies – skits, song, video, etc.</p>	<p>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</p>	<p>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</p> <p>Select a unique solution and brainstorm how members will share their findings with others in the community.</p>



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Page 3 of 6

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



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Page 4 of 6

Week	Dates	General	Robot	Project
Week 11:		<p>Check Robot Game updates on FLL website (firstlegoleague.org)</p> <p>Finalize the presenter's roles for presentations</p>	<p>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</p>	<p>Complete 100% design of solution.</p> <p>Create Project Presentation Materials</p>
Week 12:		<p>Thanksgiving Weekend</p> <p>Plan Core Value Poster and Core Value Presentation</p>	<p>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</p>	<p>Create Project Presentation Materials</p>
Week 13:		<p>Do a Core Value Exercise</p> <p>Plan Core Value Poster and Core Value Presentation</p>	<p>Fine-tune the robot design and programming. Make sure that all robot-related goals can be met consistently.</p>	<p>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</p>
Week 14:		<p>Check Robot Game updates on FLL website (firstlegoleague.org)</p> <p>Gather materials for Core Value Poster</p> <p>Draft Team information Sheet and RDES</p>	<p>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</p>	<p>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</p>



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Page 5 of 6

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



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Page 6 of 6

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