

# Science & Technology

## ROBOTICS: *FIRST*® LEGO® League (FLL) Tournament Track

Rev. 09-20

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Projects & Materials	Requirements	Exhibit Requirements
<b>Youth Materials:</b> <ul style="list-style-type: none"> <li>• <i>LEGO® MINDSTORMS® NXT or EV3 set and associated programming software</i></li> <li>• <i>Field Setup Kit</i></li> <li>• <i>FLL Challenge</i></li> </ul> <b>Volunteer Materials:</b> <ul style="list-style-type: none"> <li>• <i>Participate in volunteer coach/mentor training by University of Idaho Extension Robotics</i></li> <li>• <i>Register team with FIRST</i></li> <li>• <i>FLL Coaches' Handbook Register for qualifying tournament with University of Idaho Extension Robotics</i></li> </ul>	<b>Project Requirements:</b> <ul style="list-style-type: none"> <li>• Attend majority of club/project meetings</li> <li>• Complete your FLL Project: 1) identify problem; 2) create innovative solution; 3) share research and solution; 4) present at a tournament (see FLL Coaches' Handbook)</li> <li>• Share your project research and solution with a community group (see FLL Coaches' Handbook)</li> <li>• Complete and submit your project summary and robot design executive summary to UI Extension Robotics</li> </ul>	<ul style="list-style-type: none"> <li>• With your team, complete robot build and associated programming</li> <li>• Participate in at least one Idaho FLL Qualifying Tournament</li> <li>• Present your Project to a community group and to judge panel at your local FLL qualifying tournament (see FLL Coaches' Handbook)</li> </ul>
<b>County Requirements:</b> Check with your County Extension office for more information.		
<b>Supporting Materials:</b> Register your FLL team and purchase materials: <a href="http://www.firstinspires.org/robotics/fll">http://www.firstinspires.org/robotics/fll</a> Learn more about FIRST and FLL: <a href="http://www.firstinspires.org">http://www.firstinspires.org</a> University of Idaho Extension Robotics: <a href="https://www.uidaho.edu/extension/4h/programs/robotics">https://www.uidaho.edu/extension/4h/programs/robotics</a> Idaho 4-H FLL Robotics page: <a href="https://www.uidaho.edu/extension/4h/projects/robotics-fll">https://www.uidaho.edu/extension/4h/projects/robotics-fll</a>		