

Design Document

<i>Business Purpose</i>	FIRST Lego League depends on volunteers to run tournaments for robotics teams who are between 9-14 years old. It is often difficult to find volunteers and train them to use the rubric, ask appropriate questions, and provide effective feedback. Better prepared judges help teams to improve their skills, which makes the entire program more meaningful. Prior training involved an instructor led power point. It was boring and inefficient. FIRST Lego League needs engaging training that judges can complete on their own time prior to the tournament.
<i>Target Audience</i>	Volunteer Project Judges
<i>Training Time</i>	45 minutes
<i>Training Recommendation</i>	1 e-learning course in Rise 360 to increase interactivity and flexibility while teaching parameters of the project, five parts of the rubric, types of feedback, and questioning with knowledge checks and a final quiz.
<i>Deliverables</i>	<ul style="list-style-type: none"> ● 1 eLearning course in Rise 360 ● Knowledge checks ● Final quiz ● Resource: project rubric
<i>Learning Objectives</i>	<p>By the end of the course, learners will be able to:</p> <ul style="list-style-type: none"> ● List steps of the project. ● Describe parts of the rubric. ● Identify effective feedback. ● Identify examples of appropriate questions.
<i>Training Outline</i>	<p>Course Objectives</p> <p>What is the innovation Project?</p> <ul style="list-style-type: none"> ● Project based mindset and current year's theme. ● Project steps: <ol style="list-style-type: none"> 1. Identify a specific problem related to improving your energy journey. 2. Research your problem and solution ideas. 3. Design and create a solution that could improve your energy journey. 4. Share your ideas, collect feedback, and iterate on your solutions. 5. Communicate your solution with a live presentation at an event.

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	<p>Review</p> <p>What are the five parts of the rubric?</p> <ul style="list-style-type: none">• Identify• Design• Create• Iterate• Communicate <p>Knowledge Check</p> <p>What kind of feedback do I give?</p> <p>Levels of progress</p> <ul style="list-style-type: none">• Beginning• Developing• Accomplished• Exceeds <p>Knowledge Check</p> <p>What are good questions to ask the teams?</p> <ul style="list-style-type: none">• Sample questions for each section of the rubric.• Helpful Tips <p>Quiz</p> <p>Review</p> <p>Thank you!</p>
<p><i>Assessment Plan</i></p>	<p>2 knowledge checks</p> <p>1 Quiz: 5 multiple choice questions, 3 attempts at 80% proficiency</p>