



Updated Project Rubric 2017 HYDRO DYNAMICSSM

FIRST LEGO League has updated the Project rubric for the 2017 HYDRO DYNAMICSSM season. The updated rubric has an increased focus on the processes used in science, technology, engineering, and math (STEM), specifically these changes:

- The Sources of Information criteria clearly reflects the need for quality sources and a wide variety of sources. Teams must consult professionals in fields relating to their topic to be at the Accomplished or Exemplary levels.
- Problem Analysis includes the analysis of the problem and of existing solutions. Review Existing Solutions has been eliminated as a separate area for evaluation.
- When teams are describing their Team Solution, they are now expected to describe how it solves the problem.
- The new Solution Development criteria encompasses the previous Implementation criteria. Teams should explain the processes they used to select, develop, evaluate, test, and improve the solution. Teams who use some type of evaluation, testing, or other data analysis as part of their process will be at the Accomplished level; teams who do evaluation and consider cost, ease of manufacturing, or other implementation factors in a systematic way will be at the Exemplary level.

Teams who are working toward the Accomplished and Exemplary levels for Solution Development may choose to spend more designing their process than in previous seasons to ensure it is systematic and includes some type of evaluation or testing of their solution. All teams will spend more time explaining their development process to Judges than they would have done in the past.

If you have questions about the updated rubric, contact your FIRST LEGO League Partner www.sesi.org.br/robotica - torneiofllbrasil@sesi.org.br or email flljudge@firstinspires.org or fllprojects@firstinspires.org.