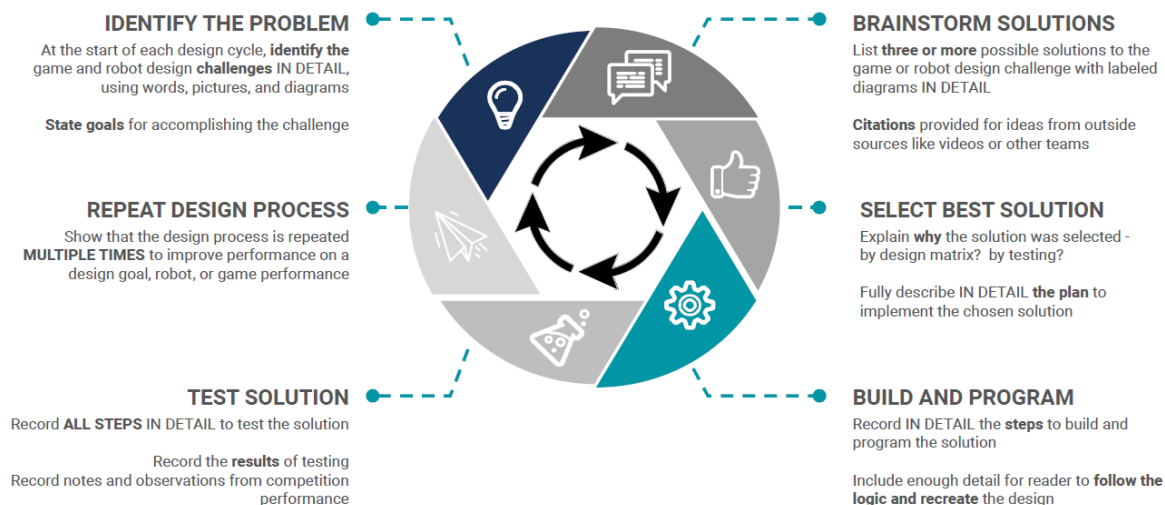


Single-Page Outline of the Judging Process

Note: Please see the Guide to Judging for a full description of the judging process and all award descriptions and criteria.

The judging process at events consists of two main parts. The first is Engineering Notebook judging, in which judges evaluate the engineering notebooks of teams using the Engineering Notebook Rubric. Notebooks are first sorted on a pass/fail basis to determine if they are “Fully Developed,” which means they include information that follows a complete iteration of the Engineering Design Process, as shown below.

ENGINEERING NOTEBOOK EXPERT PROFICIENCY LEVEL



Some events may have dedicated Judges for this task, others will share that role with interview Judges, which is the second main component of the judging process. For interviews, Judges will be arranged into groups of two or more by the Judge Advisor and will be assigned to interview a set of teams (with which they do not have a connection that would be considered a conflict of interest). Judges will ask teams open ended questions about the team’s Engineering Design Process and robot, and evaluate interviews using the Team Interview Rubric. There is also a notetaking page that may be helpful for judges to organize their observations. In addition to their robot and Engineering Design Process, Judges should also be on the lookout for teams’ behavior—both positive and negative.

After all teams have been interviewed, each Judge group will identify candidates from the teams they’ve interviewed for the awards that are being offered at the event. Those teams will then be cross interviewed by different Judges to refine the group of candidates to a ranked list of the top candidates through a deliberation discussion that is facilitated by the Judge Advisor. Final award winners will be recognized at the conclusion of the event with an awards ceremony. Some awards may qualify teams to progress to another level of competition, such as state, regional, or world championships.

Teams are expected to demonstrate good sportsmanship, courtesy, and respect for other teams as well as volunteers and event staff. This includes following the REC Foundation Student-Centered Policy and Code of Conduct. The mechanical design and programming design of robots as well as the content of Engineering Notebooks are expected to represent the skill level of the students on the team.