

**ROVER**  
**RUCKUS**



Presented By **Qualcomm**

# Judging Resources

2018-2019

Kickoff



## 1. **FIRST Resources**

- Refer to the FIRST website for current versions of:
  - 2018-19 Engineering Notebook Guidelines
  - 2018-19 FTC Judge and Judge Advisor Manual
  - 2018-19 Judge Summary Sheet
  - Team Judging Session Self-Reflection Sheet
- Official FIRST Rules Forum:
  - [ftcforum.usfirst.org/forum](http://ftcforum.usfirst.org/forum)

## 2. **Engineering Notebooks**

- An Engineering Notebook is **REQUIRED** for all advancement awards
- Engineering Notebooks **MUST**:
  - Be 1 or 2 notebooks (each less than 3 in thick)
  - Display your team number prominently on the outside
  - Have a summary page attached to the **FRONT** of the notebook
    - 1 or 2-sided
    - Include Key Engineering and Team Info
  - Be divided and at a minimum, include tabbed subsections for:
    - Team
    - Engineering
    - Business, Strategic, or Sustainability Plan
- Engineering Notebook **Should**:
  - Make it **EASY** for the judges to find your notebook – Your Team Name & FTC Number are required – put them on the Spine Too!
  - Include tabs to identify each subsection and key pages – make it easy for Judges to find information
  - Recount the Team's journey, experience and lessons learned throughout the season – showing progression, dead-ends, refinements, and the overall process, is essential

- Demonstrate the Team has a clear understanding of the engineering design process, including:
  - Details documenting all stages of Robot design
  - Pictures or drawings -- schematics and engineering drawings are no longer optional
  - Contain entries describing underlying science, and mathematics - YES, math is ESSENTIAL
- Make it EASY for the judges to find INFORMATION in your notebook!
- Serve as a manual on how to recreate your robot from scratch – increases in importance when advancing to Worlds
- Engineering Notebook Should NOT:
  - Include activities and events PRIOR to last season's Worlds
  - Include links to websites or videos -- Judges aren't able to view
  - Serve as an Arts & Crafts activity – Judges handle notebooks a LOT

### 3. Presentation

- Prepare a formal presentation for Judging!
  - Limit to 5 minutes in length
  - Anticipate Judges questions, prepare answers, and identify who will answer for each topic
  - Props are useful to illustrate points, show progression, and demonstrate innovation
  - Computers are allowed – be sure batteries are charged, power will not be available
  - Provide a copy of the Judging Summary to each judge
  - Practice, practice, practice

**Rehearse, Rehearse, Rehearse**



**Steve Jobs couldn't pull off his amazing presentations without hours of rehearsal!**