



SCORING THE CHALLENGE

Scoring Rubrics Are Employed To Ensure Consistency In Judging

WRITTEN REPORT 25 %

(TO BE RECEIVED FOR JUDGING BY MAIL (BOXED IS BEST TO PROTECT THE PRESENTATION OF THE REPORT) NO LATER THAN APRIL 22, 2015)

- ✚ Each Report Is Scored By 2 Judges and Reviewed By A Panel.
- ✚ Report Requirements Are Listed In The Manual Which Comes With The Robot
(**NOTE** - A Minimum Of 6 Pages Of Text Including Problems Encountered and How They Were Overcome As Well As, 4 Pages Including Sketches, Pictures, Diagrams, and the Data/Project Log)
- ✚ Visual Presentation - Clarity - Attention to Detail- Will Be Considered

FABRICATION REVIEW EVENT 20 %

(SUBSTITUTIONS ARE NOT PERMITTED - ROBOT MUST BE FABRICATED USING THE PARTS PROVIDED ADDITIONAL OF DECORATION PERMITTED)

- ✚ Only Skids And Legs May Touch The Course.
 - ✚ Decoration Of The Robot Is Expected
- (**NOTE** The Robot Body Must Be Designed Such That The Team Can Fully Expose All Mechanism For Inspection By The Judges.
- ✚ Robot Storage/Travel Container Judged For Theme Continuity And Durability
- ✚ Points Awarded For Creativity, Originality, And Neat Housing Of Power Unit
 - ✚ Team Members Should Be Prepared To Discuss Quality And Workmanship; Problems And Solutions
- ✚ Robot Must Walk For an Example to the Judges Or The Team Will Be Sent To The Pit For Repairs and Assistance

(**NOTE** Be Certain That Each Team Brings Enough Additional Batteries As Insurance Against Battery Drain From Practice)

TRACK EVENT 35 %

GOAL - Robot Walks Along A 6 Foot Track On A Table With Two 1/2 inch Obstacles Placed At The 1 Foot Mark And The 5 Foot Mark

- ✚ There is a maximum of 20 minutes for this timed exercise

- ✚ Each leg is operated by one student

- ✚ Points Are Awarded As Follows:

- Time Used to Complete the Course

- Distance Travelled

- Coordination Of The Operating Team

(**NOTE** Penalties Are Assigned For Handling The Robot After Timing Starts)

ORAL PRESENTATION EVENT 20 %

NOTE - ONLY Students And Judges Are Allowed in The Orals Room

- ✚ All Team Members Must Attend And Participate

- ✚ Judges Will Ask Questions

- ✚ There is a 20 Minute Limit, Including 3 Minutes For Video If Presented

(**NOTE** - Although There Will Be A Computer To Read A Jump Drive - Bring Electronic Equipment To Ensure Compatibility)

✚ **AUTOMATION KIT ADDITION Extra Points 15 %**