

CATEGORIES OF SCORING FOR TEAMS

NOTE: COMPETITIVE SCORING IS NOT TIED TO YOUR INDIVIDUAL GRADE FOR THIS PROJECT. SEE RUBRIC FOR SEPARATE GRADIGN CRITERIA.

SCORE CATEGORY ONE-SPEED OF INDIVIDUAL DRAGSTERS: EVERY DRAGSTER WILL BE TIMED AND GIVEN A SCORE STARTING AT 100 POINTS FOR THE FASTEST AND THEN DESCENDING IN INCREMENTS OF 5 POINTS PER POSITION IN THE RANKINGS. THOSE POINTS WILL BE ADDED INTO THE TEAM SCORE.

EXAMPLE: FASTEST (1ST) = 100 PTS., 2ND = 95 PTS., 3RD = 90 PTS., 4TH = 85, 5TH = 80.....

SCORE CATEGORY TWO – AVERAGE SPEED OF TEAM DRAGSTERS: TIMES FOR INDIVIDUAL DRAGSTERS ON EACH TEAM WILL BE AVERAGED. THE AVERAGE TIMES FOR EACH TEAM WILL BE RANKED. FASTEST AVERAGE TIMES WILL BE GIVEN FOR A TEAM STARTING AT 100 POINTS FOR THE FASTEST AVERAGE AND THEN DESCENDING IN INCREMENTS OF 5 POINTS PER POSITION IN THE RANKINGS. THOSE POINTS WILL BE ADDED INTO THE TEAM SCORE. ONCE AGAIN SCORING IS FASTEST (1ST) = 100 PTS., 2ND = 95 PTS., 3RD = 90 PTS., 4TH = 85, 5TH = 80.....

EXAMPLE: A team enters three dragsters. Their times are 1.340 seconds, .900 seconds, and 1.165 seconds. The average for this team is 1.135 seconds. This team finished third in this category behind teams with averages of 1.002 seconds and 1.120 seconds. This team gets 90 points for third place.

SCORE CATEGORY THREE – MOST AWESOME DESIGN: In this category, dragsters will be judged and ranked based on originality, craftsmanship, quality of work, and overall visual impact of the dragster. SPEED HAS NOTHING TO DO WITH THIS. Each team will enter one of their cars in this category. The panel of judges will be comprised of teachers and administrators. Team scores will be awarded based on ranking in the same manner as the speed categories. FASTEST (1ST) = 100 PTS., 2ND = 95 PTS.....

SCORE CATEGORY FOUR – APPLICATION OF DESIGN PROCESS: In this category, the overall use of the six steps of design will be judged. Each team will enter one of their cars in this category. Evidence for this will include, six steps documentation, concept sketches, 3d modeling in Sketch-up, and the prototype of the final car. The same scoring and ranking process applies to this category as well.

NOTE: ONE TEAM DRAGSTER CAN BE ENTERED IN BOTH CATEGORIES THREE AND FOUR, OR TWO SEPARATE TEAM DRAGSTERS (ONE FOR EACH CATEGORY).

SAMPLE SCORING:

CATEGOERY ONE: A third ranked dragster earns dragster earns for the team.....	90
CATEGOERY TWO: This team has the fourth highest average speed and earns.....	85
CATEGOERY THREE: The judges rank a single dragster 1 st and the team earns...	100
CATEGOERY FOUR: A single design process is ranked the for 5 th	<u>80</u>
TEAM TOTAL	355 PTS.

THE TEAM WITH THE MOST POINTS WILL WIN! MEDALS WILL BE GIVEN TO 1ST, 2ND, AND 3RD PLACE TEAM MEMBERS.