
Engineering Design Challenge 2.0

Drive Smarter

King of Speed tournament

The King of Speed tournament will take place in 3 stages; timing stage, semifinals, and finals.

In the timing stage, each two cars will be timed side-by-side, for 2 trials. Even though the cars are competing side by side, only the time is recorded, and the best time of the 2 trials is used. Cars switch lanes between the two trials.

The 4 best times qualify for the semifinals round, where teams will play in the following format:

#2 fastest vs. #4 fastest

#1 fastest vs. #3 fastest

Only 1 trial will be held for each race, and the winners of the two games qualify for the finals.

The final round will also be only 1 trial, and the winner will be crowned the King of Speed champion.

- The roads used for the King of Speed tournament will be 1.5x scaled larger than regular roads; 75cm wide for the full road, including 2.5cm wide continuous white lines, with the scale from regular roads
- An operator is allowed to manually start the robot at the signal of the judge.
- If a robot, partially or completely, leaves the lane; or interferes with the opposing robot, the team will be considered to have lost the trial.

Good luck ☺