

Contest Rules

1. **All contestants must complete and sign the attached entry form and have at least one parent or guardian sign. Entry forms are due by March 28 to Mr. Peterson.** The number of entries will be limited to the first 25 received.
2. **All vehicles must be hand-made** by the student(s). The wheels and axles can be purchased or taken from another vehicle or toy. However, the body of the vehicle must be put together by hand using materials such as wood, plastic, metal, recycled materials, etc. **Parents may assist with the purchasing and cutting of materials, but the students should be the ones designing, creating, and assembling the vehicles.** Mr. Peterson will be the final judge as to whether vehicle entries meet this requirement.
3. **All vehicles must be non-motorized.** The vehicles will be released one at a time by Mr. Peterson or another staff member at the top of the Root Canal Hallway and allowed to roll down the hallway (see course diagram).
4. **All vehicles must be no longer than 2 ft in length, 1 ft in height, and 1 ft in width and weigh no more than 10 pounds.** All vehicles will be weighed and measured prior to the contest. Any vehicles that do not meet these specifications will be eliminated from the competition. **NO EXEPTIONS!**
5. **All qualifying vehicles will be given 1 practice attempt prior to the competition officially starting and then 2 official attempts** down the course. The longer of the two official attempts will be used to determine the winner. Vehicles should be designed to travel in a straight line. If the vehicle hits one or more walls or barriers and stops then that will be the distance measured for that attempt. However, hitting one or more walls or barriers will not disqualify or void an attempt. Students may make minor modifications to their vehicles between attempts, as long as the vehicle still meets the specifications outlined above. Students may not complete any other unofficial or official practice runs on the course prior to the competition. Performing such additional practice runs at any time prior to the day of the competition or before the official practice runs on the day of the competition will result in disqualification.
6. **All vehicles must be designed to be able to carry an action figure** dressed to look like Mr. Ware either by using some form of straps/bands or by placing him in the vehicle. If “Mr. Ware” falls off or out of the vehicle at any time during an official attempt, then the distance for that attempt will not be recorded. However, the attempt will be counted as one of the two official attempts for that vehicle.
7. **All vehicles will need to be brought to the official holding area (Art Room) by 9:15 AM on Wednesday, April 18.** After the competition, one or more designated individuals will judge the vehicles in the following categories: (1) best engineering design, (2) most aerodynamic design (3) most creative design, (4) most attractive design, and (5) “coolest” design. These awards will be announced on Friday, April 20th before the end of the day.
8. **The winning vehicle of the Root Canal Speedway Challenge will be the one that travels the farthest down the hallway** (not necessarily the fastest) while carrying “Mr. Ware.” If two or more vehicles make it all the way to the end of the Root Canal Hallway, then each vehicle will be released once more and be timed as to how long it takes to get to the end of the hallway. The vehicle with the fastest time will then be declared the winner, unless only one vehicle makes it to the end of the hallway on this final attempt in which case it will be declared the winner.

Contest Questions

Please contact Mr. Peterson (bpeterson@wcpss.net) if you have any questions or need clarification on any of the rules.