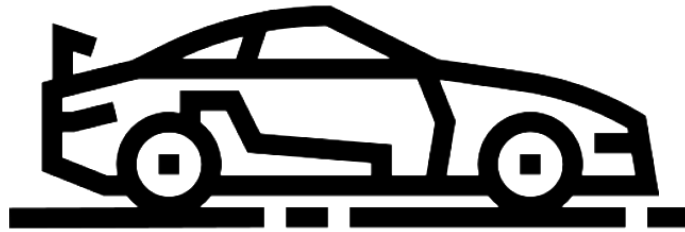




STEM Racing Car Extension Activity Questions Resource 2



1. Write a sentence about how you could reduce **friction** relevant to your model and why your suggestions would work
2. Write a sentence about how you could improve **power** relevant to your model and why your suggestions would work
3. Write a sentence about how you could increase **acceleration** relevant to your model and why your suggestions would work
4. What would be the outcome of you increased the weight of the body of your vehicle and why?
5. What would be the effect on your vehicle's speed, if you were to run it over an uneven surface? Why do you think this would happen?
6. What design alterations would you make to your vehicle to allow it to travel as far as possible?

