EVERY DAY YOU WONDER WHAT SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH (S.T.E.M.) HAVE TO DO WITH BUILDING RACE CARS?

Buckle up for this three-day summer camp!

The camp ends with an actual race on an outdoor course!

WIN AWARDS

Work with your own team of four to fabricate and calibrate your very own race vehicle for superior performance, just like the pros! Your team will use diagnostic techniques and equipment to tune a 1/10 scale radio controlled race car to perfection. These specially designed cars are highly adjustable, just like the real thing!

Tuesday - Thursday, June 11 - 13
8:30 a.m. - 4:00 p.m. each day

Mid-State Technical College
Wisconsin Rapids Campus
500 32nd Street North, Wisconsin Rapids

• Teams of 4 students entering grades 9-12 (assemble your own team).
• Registration is $125 per person or $500 per team. Camp registration fee includes hat, T-shirt, continental breakfast, lunch, and snacks.
• Teams are encouraged to get a sponsor for their registration

Register today! (Limited to first 6 teams)
Contact Gary Kilgas at gary.kilgas@mstc.edu or 715.422.5572

You will learn to:
• Fabricate your car and tune for performance after time trials.
• Improve race performance through mathematical modeling and physics.
• Choose the best gears and chassis geometry.
• Calibrate suspension, tires, and other aspects to improve fuel consumption and aerodynamics.
• Map the ideal drive path around a curve.
• Use a skid pad and Newton's Laws of Motion to find the coefficient of friction.

Why a S.T.E.M. Race Camp?
• Hands-on use of S.T.E.M. skills
• Real-world project-based learning
• Team-building skills
• Problem solving and negotiation
• Increase student interest in S.T.E.M. learning!

Learn more at mstc.edu/racecamp