



## Science Camp: Building Electric Race Cars (Grades 6 – 12)

Build your choice of two high performance Electric Radio Controlled road racers. Choose between the 1/10 scale shaft drive four wheel drive off-road racer buggy and the classic Mini Rover Cooper, a front wheel drive road racer with plenty of attitude and performance.



- The buggy can handle street, gravel and loose dirt as well as low jumps. The four wheel drive can power the buggy through most off road situations and it can take a pounding! The Mini Rover Cooper can handle smooth road racing and handles sharp turns and trick maneuvers with ease. The front wheel drive and low center of gravity keeps the Mini moving fast.
- Both cars are a lot of fun to drive and challenging to build! Students will develop their analytical skills while interpreting instructional diagrams to construct and operate their race cars. This class introduces mechanical engineering and physical science concepts with a hands-on approach.

Monday – Friday, 10:00am – 12:00pm  
Session I: July 1 – July 11 (no class July 4)  
Session II: July 28 – August 8  
Cost per session: \$300 plus materials

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