



FastTrack Applied Challenges



The Proving Ground for STEM Skills

Applied Science & Math Challenges, STEM Camps, Clubs and League for Grades 3 - 14

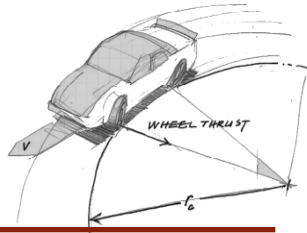
If you want to play professional sports, you start young and play hard. Shouldn't that also be true for budding scientists, mathematicians and engineers?

With FastTrack Challenges, students learn to play the STEM game in a fun and motivating way.

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The Proving Ground for STEM Skills



FastTrack Applied Challenges are inquiry-based STEM activities that grow in complexity from teacher-initiated and teacher-guided activities into student-initiated and student-led investigations.

FastTrack Challenges motivate students using R/C cars to reinforce science and math concepts and skills; from elementary computation through calculus and physics.

Incorporate these standards-based challenges into your science, math or technology classes or as an after-school or summer club.



FastTrack 1:16 Station



FastTrack RC 1:10 Chassis

FastTrack Turn-Key Summer Camps

Elementary, Middle and High School Camps

FastTrack Challenges is also a summer camp. With various modules available, our team will develop an agenda that matches your unique set of needs and resources available. With Web-training from Ten80's engineer-educators, you'll have everything you need for a great summer STEM experience.

Math2Go FastTrack

Elementary, Middle & High School Versions

Begin putting math and scientific principles into motion with 3rd graders. Add complexity with standards-aligned challenges and lessons every year through High School.

Teach spreadsheets, apply Newton's Laws of Motion, derive the quadratic equation, use area under the curve and many other tools to solve real, tangible problems.

4-Station Kit, 1:16 Scale

- » Teacher & Student Guides
- » Video Introductions
- » 4 x 1:16 Scale RC Car & Controls
- » 4 Digital Weigh Scales
- » 4 Measuring Tapes and Stopwatches
- » Kit Storage (for each station)

FastTrack Racing Challenges

Advanced Middle – High School/College

The FastTrack RC is a National STEM Challenge League in which student teams mirror professional racing teams in many ways. They market themselves, manage their team and apply science, technology and math to engineer performance.

2-Station Kit, 1:10 Scale

- » Student & Teacher Guides
- » Guides, videos, team forums, presentations and other resources via the FTRC Web Portal
- » SolidWorks SDK Software (150-Day License)
- » 2x 1:10 Scale RC Car & Rechargeable Batteries
- » 4 x Extra Gear Sets (2 sets per car)
- » Smart/Rapid Battery Charger
- » 2 x Measuring Tapes and Stopwatches
- » 2008-9 FastTrack RC Entry Fee

