

# MasterTrack's Proven Methodology

School districts across the country are struggling to implement instructional practices that result in maximizing student growth in mathematics for ALL students. While many methods focus on tightening alignment between content, instruction, and summative assessments, little attention is given to just-in-time teaching methods informed by real-time assessments and progress monitoring.

Reliably accelerating student achievement is a function of personalizing instruction by improving the quality and quantity of learning feedback and monitoring student progress towards mastery. These strategies are associated with exceedingly high gains in student achievement (Hattie, 2009, 2012; Magaña & Haystead, 2013; Magaña & Marzano, 2013, 2014, 2015; Marzano & Haystead, 2009, 2010).

Dr. Sonny Magana and his colleague and co-author, Dr. Robert J. Marzano, compiled compounding research evidence over several years which highlight reliable methods for improving student achievement. This research strongly indicates the most effective strategies focus on enhancing the quality and quantity of learning feedback, providing clear unidimensional learning goals, and continuous student progress monitoring. These strategies are correlated with effect sizes of 1.44 (Hattie, 2009; 2012), and 1.60 (Marzano & Haystead, 2009, 2010; Magaña & Haystead, 2013; Magaña & Marzano, 2013; 2014; 2015). Such exceedingly large effect sizes are equivalent to students gaining 4 or more grade levels in one year.

MasterTrack's unique program is designed specifically to support this highly effective feedback and progress monitoring strategy. With MasterTrack, it's easy for teachers, principals, and district leaders to accelerate student progress on any set of learning standards, in real-time. Using a simple 3-point scale, MasterTrack provides clear, actionable data on a weekly basis followed by innovative virtual data coaching to maximize significant gains in student achievement.

Students are also able to regularly monitor their own progress towards grade level mastery by viewing their MasterTrack Individual Reports. This regular feedback helps them plan for achieving mastery with greater precision, and seeing the impact of their effort translated into real progress is highly motivating for students and helps them develop a growth mindset (Dweck, 2006).