



## Lane Matheson

Tulsa Public Schools

Memorial High School and Engineering Academy

■ 2013 Oklahoma Teacher of the Year Finalist

"Critical thinking, problem solving, teamwork, and creativity are the key skills I teach to unlock students' academic potential and prepare them to engineer their lives."

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### Educational Preparation

B.S. in Mechanical Engineering from Rice University

Master of Arts in Secondary Education from the University of Tulsa

### Current Teaching Position

Pre-AP Physics; AP Physics B; Digital Electronics; and Engineering Robotics

### Years of Experience

15 years in present position

16 years total

### Philosophy of Teaching

"Teaching in the twenty-first century requires preparing our children to become productive citizens in a rapidly changing world. At some point in the future, each student may need to solve a problem that does not exist yet, use technology still to be invented, or pursue a career that no one has imagined. My educational philosophy is to connect physics, math, and engineering through hands-on projects like robotics, fueling my students' motivation and focusing on their futures, all the while preparing them for the unknown."

### Oklahoma Teacher of the Year Message

"Every interaction between teacher and student is an opportunity to inspire a passion for learning, a willingness to persevere, and a desire to succeed. By inspiring them today, our students will engineer a better tomorrow."

