



Laredo Math Department  
2015-2016

**Vision/Goals:** The goal for our Laredo students is that they leave middle school with a strong foundation in mathematics and an understanding of its relevance in their lives. We want to make sure that they are prepared to be successful in their future mathematics studies, as well as to be knowledgeable about mathematics in their world. Mathematics is essential for all students as they grow to understand their world and become productive citizens. Mathematical models explain, celebrate, and analyze the world around us; from economic models on the stock market to musical models of symphonies, our world is mathematics. We want students to leave Laredo as confident problem solvers ready to tackle whatever comes their way.

**Courses offered:** We offer a choice of courses to best meet the needs of our students. While students are initially placed in courses based on elementary school recommendations, they are offered the opportunity to change paths throughout middle school. These changes are based on a body of evidence which includes, but may not be limited to academic grades, standardized test results, teacher recommendation, student interest, determination, and work ethic, and district/local school formative and summative assessments. We also offer math remediation classes for those students who need more time with foundational math skills.

| Grade Level | Courses Offered                      |
|-------------|--------------------------------------|
| 6           | Math 6 or Math 6/7; UP Math Support  |
| 7           | Math 7 or Math 7/8; UP Math Support  |
| 8           | Math 8 or Algebra I; UP Math Support |

**Standards Covered:** Each mathematics class at Laredo addresses the appropriate standards defined by the Colorado Academic Standards. These standards define what should be taught at each grade level. Embedded within each standard are the Standards for Mathematical Practice. These standards describe varieties of expertise that students should develop throughout their mathematical studies. They focus on problem solving, reasoning and proof, communication, representation, and connections.

