

Math Courses

Mathematics, Grade 7 Academic

Course: 0271

TEDS: 03103000

7th grade math focuses on grade-level TEKS which include the content strands of number and operations; proportionality; expressions, equations, and relationships; and measurement and data. This course also guides students in developing skills such as problem solving, estimation, and communicating mathematical ideas.

Mathematics Accelerated, Grade 7

Course: 0273

TEDS: 03103000

Students who maintained an 85 - 100 average in 6th grade math and passed the Math STAAR at the Masters Grade Level are recommended for enrollment in this course. *Accelerated 7th grade math covers all 7th grade TEKS as well as all 8th grade TEKS.* Students who successfully complete this course will have met the prerequisites for enrollment in Algebra 1 in 8th grade. 7th Grade TEKS include the content strands of number and operations; proportionality; expressions, equations, and relationships; and measurement and data, while 8th grade math focuses on preparation for Algebra 1 with an emphasis on expressions and equations, along with foundations of functions and proportionality. This course also guides students in connecting multiple representations of relationships and communicating mathematical ideas.

Quest Math, Grade 7

Course: 0680

TEDS: 82920XXX

Quest Math, Grade 7 is designed to provide additional support on grade-level standards as well as on any essential prior grade-level standards for students who did not score at the Approaches level or higher on the 6th grade STAAR test. Students will experience math in a variety of ways, including small group instruction and additional hands-on activities. Students in Quest Math are concurrently enrolled in Math, Grade 7. Placement in this course is based on the recommendation of the Student Intervention Team.

Basic Mathematics, Grade 7

Course: M0271

TEDS: 03103000

Prerequisite: ARD decision

Modified Mathematics is a modified TEKS curriculum designed to reinforce math operations using a variety of practical, real-life situations that facilitate the understanding of using mathematics in daily living exercises. This course focuses on the basic math skills derived from the student's IEP (Individual Education Plan) goals, objectives, and based on TEKS.

Math Courses

Fundamentals of Mathematics, Grade 7

Course: T0271

TEDS: 03103000

Prerequisite: ARD decision

Instruction will focus on consumer awareness of basic math skills and how they relate to community and independent needs. These courses are designed to reinforce math operations using a variety of practical, real-life situations that facilitate the understanding of using mathematics in daily living exercises. Emphasis is on applying mathematics in money, personal financial situations, and solving home and work problems by using fundamental mathematics. Students practice these strategies within the context of simulation designed to reinforce the understanding of basic operations, as well as the application of these operations within technological tools that enhance understanding and accuracy.

Mathematics, Grade 8 Academic

Course: 0281

TEDS: 03103100

8th grade math focuses on grade-level TEKS, preparing students for Algebra 1 with an emphasis on expressions and equations, along with foundations of functions and proportionality. This course also guides students in connecting multiple representations of relationships and communicating mathematical ideas.

Students enrolling in Algebra I, Algebra I Honors, or Algebra I Honors/Algebra II Honors Compacted must have already mastered Grade 7 and Grade 8 Math TEKS.

Algebra I

Course: 0840

TEDS: 03100500

High School Credit: 1

Prerequisite: 8th grade math or equivalent

This course develops students' ability to think algebraically and reason symbolically. Algebra 1 focuses on the study of linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology to model mathematical situations to solve meaningful problems. Algebra 1 serves as a foundation and a prerequisite for all subsequent math courses. High School credit is awarded for this course and the grade will be calculated into the student's GPA.

Math Courses

Algebra I Honors

Course: 0850

TEDS: 03100500

High School Credit: 1

Prerequisite: 8th grade math or equivalent

There is a strong expectation that all of the students in an Honors math program are preparing for Advanced Placement Calculus and/or Advanced Placement Statistics.

Algebra I Honors in Grade 8 includes all Algebra I standards with added rigor and depth. This course develops students' ability to think algebraically and reason symbolically. Algebra I focuses on the study of linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology to model mathematical situations to solve meaningful problems. Algebra I serves as a foundation and a prerequisite for all subsequent math courses. High School credit is awarded for this course and the grade will be calculated into the student's GPA.

Quest, Grade 8

Course: 0681

TEDS: 83100XXX

Quest Math, Grade 8 is designed to provide additional support on grade-level standards as well as on any essential prior grade-level standards for students who did not score at the Approaches level or higher on the 7th grade STAAR test. Students will experience math in a variety of ways, including small group instruction and additional hands-on activities. Students in Quest Math are concurrently enrolled in Math, Grade 8. Placement in this course is based on the recommendation of the Student Intervention Team.

Basic Mathematics, Grade 8

Course: M0281

TEDS: 03103100

Prerequisite: ARD decision

Basic Mathematics, Grade 8 is a modified TEKS curriculum designed to reinforce math operations using a variety of practical, real life situations that facilitate the understanding of using mathematics in daily living exercises. This course focuses on the basic math skills derived from the student's IEP (Individual Education Plan) goals, objectives, and based on TEKS.

Fundamentals of Mathematics, Grade 8

Course: T0281

TEDS: 03103100

Prerequisite: ARD decision

Instruction will focus on consumer application in the use of money, problem solving, and fundamental skills. These courses are designed to reinforce math operations using a variety of practical, real life situations that facilitate the understanding of using mathematics in daily living exercises. Emphasis is on applying mathematics in the use of money, personal financial situations, and solving home and work problems by using the concepts of fundamental mathematics. Students practice these strategies within the context of simulation designed to reinforce the understanding of basic operations, as well as the application of these operations within technological tools that enhance understanding and accuracy.

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