



Grade Level Introduction: Middle School Math 2019-2020

Teacher Contact Information

Mrs. Patricia Cossette

(Course 1, Pre-Algebra, Algebra, Geometry)
B.A. from Arizona State University
M.A. from University of Arizona
ASCI certified
AZ Certification in MS Mathematics
Have taught at CCS for 10 years, taught MS Math for 5 years
Email: patty@casaschristianschool.com
Classroom voicemail: 878-1313
Parent Appointments: Please contact me to schedule an appointment.

Mrs. Robin Garcia

(Math 7, Pre-Algebra, Advanced Pre-Algebra)
B.A. in elementary education from Northern Arizona University.
AZ Certification
First year teaching at CCS, taught first grade for 5 years, 6th for one year, 4th grade for one year.
Email: robing@casaschristianschool.com
Classroom voicemail: 878-1307

Grade Level Description

Course 1: Open to 6th grade students. This course builds the foundation for the rest of the math classes listed. It covers whole numbers, algebra, statistics, decimals, fractions, ratios and proportion, measurement, and geometry.

Pre-Algebra: Open to 7th grade students and accelerated 6th grade students. This course builds on the Course 1 curriculum and takes it a step further towards Algebra. It covers tools of algebra, operations with integers and rational numbers, expressions and equations, multi-step equations and inequalities, ratio, proportion, similar figures, percent, linear functions and graphing, distance, angle, measurement, right triangles, surface and volume, and statistics and probability.

Algebra: Open to 8th grade students and accelerated 7th grade students. This course covers linear equations and linear functions, linear inequalities and systems of linear equations and inequalities; exponents and exponential functions; quadratic expressions, equations and functions; radical functions and geometry, radical functions and equations.

Geometry: Open to accelerated 8th grade students. This course covers linear and angle measure, inductive and deductive reasoning, parallel and perpendicular lines, transversals, proofs, congruent triangles, triangle inequality, quadrilaterals, proportions and similarity, right triangles, sine and cosine, transformations, circles, area, surface area and volume.

Grade Level Resources

Course 1: Glencoe Mathematics: Applications and Concepts, Course 1
Pre-Algebra: Glencoe Pre-Algebra
Algebra: Glencoe Algebra 1
Geometry: Glencoe Geometry

Special Events & Field Trips

Eligible students compete in the Association of Christian Schools International Math Olympics Competition.

Grade Level Weighting

Tests/Projects	50%
Quizzes	30%
Homework	20%

MS Report Card Weighting

<u>Subject</u>	<u>Weight</u>
Bible	1.0
Math	1.0
Language Arts	1.0
Science	1.0
History	1.0
PE	0.6
Health	0.4
Discovery Classes	0.4