



# Grade Level Introduction: Middle School Math 2021-2022

## Teacher Contact Information

### Mrs. Patricia Cossette

(Algebra, Geometry)

B.A. from Arizona State University

M.A. from University of Arizona

ASCI certified

AZ Certification in Secondary education, MS

Mathematics and Secondary Mathematics

Have taught at CCS for 13 years, taught MS

Math for 8 years

Email: [patty@cacaschristianschool.com](mailto:patty@cacaschristianschool.com)

Classroom voicemail: 878-1308

Parent Appointments: Please contact me to schedule an appointment.

### Mrs. Robin Garcia

(Math 6, Math 7, Math 8)

B.A. in elementary education from Northern Arizona University.

AZ Certification

Third year teaching at CCS, taught first grade for 10 years, 4 - 8th grade math for 5 years.

Email: [robing@cacaschristianschool.com](mailto:robing@cacaschristianschool.com)

Classroom voicemail: 878-1307

## Grade Level Description

**Math 7:** Open to 6th grade students. This course builds the foundation for the rest of the math classes listed. It builds on and incorporates the use of all rational numbers (whole numbers, integers, decimals, and fractions) as students further develop the concepts of ratios, proportion, and percent; algebra; measurement; statistics; and geometry.

**Math 8:** Open to 7th grade students and accelerated 6th grade students. This course builds on the Math 7 curriculum and takes it a step further towards . It covers tools of algebra, operations with integers and rational numbers, expressions and equations, multi-step equations and inequalities, 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 7<sup>th</sup> 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

Math 7, Math 8: Go Math curriculum

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

Subject	Weight
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