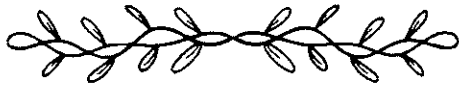


8th grade Math 2026-27

Class Syllabus



"The journey of a thousand miles
begins with a single step"

-Lao Tzu



Ms. Rivera

Materials:

- 1 ½ in. binder w/notebook paper
- 1 spiral notebook
- pencils, colored pens,
- highlighters

**Students may borrow my class supplies, just
please don't take them

CONTACT INFORMATION:

email: lrivera@bishopcisd.net

conference: 6th period

1:09pm-1:55pm

Tutorials: Mon-Tues 3:35p-4:35p

PROCEDURES & EXPECTATIONS:

- > BE PREPARED: Bring your supplies everyday, check agenda,
- > PARTICIPATE: copy notes, ask questions, use class time wisely
- > BE RESPECTFUL: Listen when teachers are speaking, listen when others are speaking, use appropriate behavior and language.

**This classroom is my safe space and I want it to be yours as well.

Grading Policy:

Assignments must be turned in complete before we grade
in class/when picked up for full credit.

Grading Policy: Late Work

- 1 day = 80 highest grade
- 2 days = 70 highest grade
- 3 days = 60 highest grade
- 4 days to 4 weeks = 50 highest grade
- Over 4 weeks = ZERO

Grading Policy:

40% Classwork, homework, participation
40% Tests
20% Quizzes and Projects

8th Grade Math Scope and Sequence

Unit 1: Numeric Reasoning & Rational Numbers 8.2 ABCD

Be able to identify/represent rational and irrational numbers and their subsets using a Venn diagram, estimate square roots, order real numbers on a number line and convert numbers between scientific and standard notation.

Unit 2: Equations & Inequalities 8.8 ABC

Be able to solve one-variable equations with variables on both sides and generate equations and inequalities with variables on both sides from verbal descriptions.

Unit 3: Proportionality & Linear Relationships 8.4 ABC 8.5 ABFGHI

Be able to identify/calculate slope and y-intercept to write slope-intercept equations ($y = mx + b$) from ordered pairs, graphs, verbal descriptions and tables. Distinguish between proportional/non-proportional situations from multiple representations, identify functions and solutions to systems.

Unit 4: Angle Relationships 8.8D

Be able to identify angles in triangles and transversals.

Unit 5: Pythagorean Theorem 8.6C 8.7CD

Be able to use formula to identify right triangles and sides

Unit 6: Volume 8.6A 8.7A

Be able to use formulas to find measurements and/or dimensions of cylinders, cones and spheres.

Unit 7: Surface Area 8.7B

Be able to use formulas to calculate lateral and surface areas of rectangular and triangular prisms and cylinders.

Unit 8: Transformations 8.3ABC 8.10ABCD

Be able to identify and use algebraic rules for rotations, reflections, translations, and dilations on a coordinate plane. Identify scale factor in dilations and use proportions to identify similarity and changes in perimeter and area of dilated figures.

Unit 9: Data & Scatterplots 8.5CD 8.11AB

Be able to interpret bivariate data on scatterplots to make predictions and find mean absolute deviation.

Unit 10: Data & Financial Literacy 8.12ACDEFG

Be able to calculate and compare simple vs. compound interest, cost of college, financial responsibility, learn savings plans and methods of payment.

FOR STUDENTS

STAY CONNECTED:

Students may email me
with questions at:
laura.rivera@bcisd.me

CONSEQUENCES:

Failure to meet class
expectations will result in
immediate correction:

- Verbal warning/conference
- Parent contact
- Referral

READ & SIGN:

STUDENT SIGNATURE: _____

DATE: _____

PARENT SIGNATURE: _____

DATE: _____

WHAT IS THE BEST WAY TO CONTACT YOU?

PHONE: _____

EMAIL: _____