

## Bridge Math Syllabus 2023 - 2024

Mrs. Amy Evans

[evansa@bledsoecountyschools.org](mailto:evansa@bledsoecountyschools.org)

### Requested Supply List

- ❖ 3 Subject Notebook (no loose leaf paper, loose gets lost)
- ❖ Folder (2 pockets w/ prongs needed)
- ❖ PENCILS (Math is not ink friendly!)

### Classroom Rules

- ❖ Academic Integrity is the commitment to and demonstration of honest and moral behavior in an academic setting. This applies to classroom and at home online assignments.
- ❖ NO CHEATING! You run the risk of not receiving course credit.
- ❖ Listen and Read often!
- ❖ Be prepared for class.
- ❖ Don't get up without permission unless it is necessary.
- ❖ NO CELL PHONES! Cell phones must be turned off and placed in the calculator pockets each day.

### Grading

- ❖ 65% Notes, Classwork, Review Packets, Homework, Activities, etc.
  - **All Classwork, Homework, & Review Packets must be completed 100%.**
- ❖ 20% Projects & Mini Quizzes
- ❖ Mini Quizzes; timed and occur 2 times a week after the first unit is complete
- ❖ DeltaMath Mini Quizzes
  - 5 - 10 questions
  - 5 Topics Assessed
  - Scoring # Correct: 5 - 100; 4 - 85; 3 - 70; 2 - 55; 1 - 40; 0 - 25
- ❖ 15% Term Exams via DeltaMath

### Digital Platforms

- ❖ Skyward – Grades/Attendance
- ❖ Google Classroom – Communication & Assignments
- ❖ DeltaMath – Assignments
- ❖ Quizlet; Blooket – Study Terms/Formulas/Games/Formative Assessments

### Bridge Math Pacing Guide

Lesson	Topic
Lesson #1	Real Numbers
Lesson #2	Add; Sub; Mult; Divide (Integers & Fractions)
Lesson #3	Problem Solving
Lesson #4	Distributive Property & Exponents
Lesson #5	Exponents & Scientific Notation
	<b>Review Packet #1</b>
Lesson #6	Add; Sub Polynomials
Lesson #7	Multiply by a Monomial; Multiply Two Binomials
Lesson #8	Divide & Find Factors
Lesson #9	Factor Trinomials & More on Factoring Trinomials
	<b>Review Packet #2</b>
Lesson #10	The General Quadratic Function; Factor & Graph
Lesson #11	Complex Numbers (Simplify Radicals Positive/Negative)
Lesson #12	Quadratic Formula & the Discriminant
Lesson #13	Exponential Equations
	<b>Review Packet #3</b>
Lesson #14	Coordinate Plane, Relations, & Functions; Linear Functions
Lesson #15	Solve Multi-Step Equations
Lesson #16	Solve Linear Inequalities
	<b>Review Packet #4</b>
Lesson #17	Slope of a Line & Slope-Intercept Form; Write Equations for Lines
Lesson #18	Parallel & Perpendicular Lines
Lesson #19	Systems of Equations; Linear Programming
	<b>Review Packet #5</b>
	<b>9 Weeks Testing</b>
Lesson #20	Triangles & Triangle Theorems
Lesson #21	Ratios & Proportions
Lesson #22	Similar Polygons
Lesson #23	Scale Drawings
Lesson #24	Triangles & Proportional Segments
Lesson #25	Parallel Lines & Proportional Segments
Lesson #26	Problem Solving Skills; Indirect Measurement
	<b>Review Packet #6</b>
Lesson #27	Irrational Numbers (Simplify Radicals)
Lesson #28	The Pythagorean Theorem
Lesson #29	Distance & Midpoint Formula
	<b>Review Packet #7</b>
Lesson #30	Ratios & Units of Measure; Perimeter, Circumference, & Area
Lesson #31	Problem Solving Skills; Irregular Shapes
Lesson #32	Surface Area of 3-D Figures; Volume of 3-D Figures
	<b>Review Packet #8</b>
Lesson #33	Basic Trigonometric Ratios

Lesson #34	Solve Right Triangles for Sides
Lesson #35	Solve Right Triangles for Angles
	<b>Review Packet #9</b>
Lesson #36	Review Percents & Probability; Percent of Increase & Decrease
Lesson #37	Compound Events; Independent & Dependent Events; Permutations & Combinations
Lesson #38	Data & Measures of Central Tendency; Display Data
Lesson #39	Scatter Plots & Box-and-Whisker Plots
Lesson #40	Regression Lines (Linear Only; Solve for both)
	<b>Review Packet #10</b>