

Bridge Syllabus 2022 - 2023

Mrs. Lora Stricklin

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Requested Supply List

- ❖ 3 Subject Notebook or 3 ring binder with paper
- ❖ 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 work necessary.
- ❖ NO CELL PHONES! Cell phones **MUST** be turned off and placed in the calculator pockets each day.

Grading

- ❖ 70% Notes, Classwork, Review Packets, Homework, Activities, Projects, etc.
 - **All Classwork, Homework, & Review Packets must be completed 100%.**
- ❖ 15% Mini Quizzes & Mastery Connect
- ❖ Mini Quizzes; timed and occur weekly
 - Minimum 4 questions; Maximum 8 questions
 - 15 minutes to complete
 - 4 Standards Assessed
 - Scored as 4 correct - 100%; 3 - 85; 2 - 70; 1 - 55; 0 - 40
- ❖ MasteryConnect
 - 5 - 10 questions
 - 1 - 5 Specific Standards Assessed
 - Single Standard Scored as
 - Mastered - 100%; On Track - 85; Approaching - 70; Below - 55
 - Multi-Standard Scored as
 - Cube Root of % Correct * 21.5443
- ❖ 15% Term Exams via MasteryConnect
- ❖ **Percentages are subject to change!!!!**

Digital Platforms

- ❖ Skyward – Grades/Attendance
- ❖ Google Classroom – Communication & Assignment List
- ❖ DeltaMath – Assignments & Assessments
- ❖ MasteryConnect - Assessments
- ❖ Quizlet; Blooket – Study Terms/Formulas/Games
- ❖ Zoom – Communication & Presentation

Bridge Math Pacing Guide

Lesson	Topic
1.2	Real Numbers
1.4 & 1.5	Add; Sub; Mult; Divide
1.6	Problem Solving
1.7	Distributive Property & Exponents
1.8	Exponents & Scientific Notation
Test	Chapter 1 Test
11.1	Add; Sub Polynomials
11.2 & 11.4	Multiply by a Monomial; Multiply Two Binomials
11.3	Divide & Find Factors
11.7 & 11.9	Factor Trinomials & More on Factoring Trinomials
Test	Chapter 11 Test
12.2 & 12.3	The General Quadratic Function; Factor & Graph
12.4 & 12.8	Complex Numbers; Distance & Midpoint Formula
12.6	Quadratic Formula & the Discriminant
13.8	Exponential Functions
Test	Chapters 12 & 13 Test
2.2 & 2.3	Coordinate Plane, Relations, & Functions; Linear Functions
2.5	Solve Multi-Step Equations
2.7	Solve Linear Inequalities
2.8 & 2.9	Data & Measures of Central Tendency; Display Data
Test	Chapter 2 Test
6.1 & 6.3	Slope of a Line & Slope-Intercept Form; Write Equations for Lines
6.2	Parallel & Perpendicular Lines
6.4; 6.5; 6.6; 6.9	Systems of Equations; Linear Programming
Test	Chapter 6 Test
4.1	Triangles & Triangle Theorems
7.1	Ratios & Proportions
7.2	Similar Polygons
7.3	Scale Drawings
7.5	Triangles & Proportional Segments
7.6	Parallel Lines & Proportional Segments
7.7	Problem Solving Skills; Indirect Measurement
Test	Chapters 4 & 7 Test
10.1 & 10.2	Irrational Numbers; The Pythagorean Theorem
Test	Chapter 10 Test
5.1 & 5.2	Ratios & Units of Measure; Perimeter, Circumference, & Area
5.4	Problem Solving Skills; Irregular Shapes
5.6 & 5.7	Surface Area of 3-D Figures; Volume of 3-D Figures
Test	Chapter 5 Test
14.1 & 14.2	Basic Trigonometric Ratios; Solve Right Triangles (1 per day)
Test	Chapter 14 Test

9.1 & 9.2	Review Percents & Probability; Percent of Increase & Decrease
9.4; 9.5; 9.6	Compound Events; Independent & Dependent Events; Permutations & Combinatons
9.7	Scatter Plots & Box-and-Whisker Plots
9.8	Regression Lines
Test	Chapter 9 Test