

STRIVE Co-Op Course Descriptions 2024-2025

Math A				Teacher	Cindy Gilbert
Grade Level	Primary	Credit	None	Prerequisite	None
Curriculum Used				Provided by Instructor	
Extra Required Materials				None	
<p>This course will provide enrichment activities to support any math curriculum. Our goal is to encourage engagement and foster an enjoyment for learning. We hope to build strong foundations for students who will be confident in future math classes, wherever they are taken. The syllabus may include (but not limited to) activities that build on the following skills: number sense, place value, +/- operations, basic fractions, basic geometry, time, money, and measurement (ruler).</p>					

Math B				Teacher	Anna Gilbert
Grade Level	Elem.	Credit	None	Prerequisite	Math Level A
Curriculum Used				Provided by Instructor	
Extra Required Materials				None	
<p>This course will provide enrichment activities to support any math curriculum. Our goal is to encourage engagement and foster an enjoyment for learning. We hope to build strong foundations for students who will be confident in future math classes, wherever they are taken. The syllabus may include (but not limited to) activities that build on the following skills: number sense, operations, fractions, decimals, basic geometry, money, and estimation.</p>					

Math C				Teacher	Traci Cleveland
Grade Level	5	Credit	None	Prerequisite	Math Level B
Curriculum Used				Provided by Instructor	
Extra Required Materials				None	
<p>This course will provide enrichment activities to support any math curriculum. Our goal is to encourage engagement and foster an enjoyment for learning. We hope to build strong foundations for students who will be confident in future math classes, wherever they are taken. The syllabus may include (but not limited to) activities that build on the following skills: number sense, operations, fractions, decimals, basic geometry, money, and estimation.</p>					

Math 6				Teacher	Cindy Gilbert
Grade Level	6	Credit	None	Prerequisite	Math Level C
Curriculum Used				<i>Math 6</i> , BJU Press (Provided by Instructor)	
Extra Required Materials				None	
<p>Concepts in this course include, but are not limited to: whole numbers, decimals, integers, fractions, square roots, exponents, algebraic expressions, equations, inequalities, percentages, functions, measurements and geometry.</p>					

Math 7				Teacher	Traci Cleveland
Grade Level	7	Credit	None	Prerequisite	Math 6
Curriculum Used				<i>Fundamentals of Math</i> , BJU Press (Provided by Instructor)	
Extra Required Materials				TI-30 Calculator	
<p>Concepts in this course include, but are not limited to: whole numbers, decimals, integers, fractions, square roots, exponents, algebraic expressions, equations, inequalities, percentages, functions, measurements and geometry.</p>					

Pre-Algebra				Teacher	Traci Cleveland
Grade Level	8	Credit	None	Prerequisite	Math 7
Curriculum Used				<i>Pre-Algebra</i> , BJU Press (Provided by Instructor)	
Extra Required Materials				TI-30 Calculator	
<p>This course will build concepts needed for Algebra 1. Concepts in this course will include, but are not limited to: operations with integers, fractions, decimals, percents, and radicals; solving relations and functions using equations, tables and graphs; exploring statistics and geometry.</p>					

Algebra 1				Teacher	Traci Cleveland
Grade Level	9	Credit	1.0	Prerequisite	Pre-Algebra
Curriculum Used				<i>Elementary Algebra</i> , Kaufmann and Schwitters, 9E (Provided by Instructor)	
Extra Required Materials				TI-30 Calculator; Web Assign homework subscription	
This course will cover concepts associated with a beginning study of Algebra, including but not limited to, equations, inequalities, formulas, polynomials, factoring, coordinate geometry, linear systems, roots, radicals and quadratics.					

Algebra 2				Teacher	Traci Cleveland
Grade Level	10	Credit	1.0	Prerequisite	Algebra 1
Curriculum Used				<i>Intermediate Algebra</i> , Kaufmann and Schwitters, 9E (Provided by Instructor)	
Extra Required Materials				TI-30 Calculator; Web Assign homework subscription	
This course will continue the study of concepts and techniques begun in Algebra I. Concepts will be expanded, layered, advanced, and new concepts introduced.					

Geometry				Teacher	Traci Cleveland
Grade Level	11	Credit	1.0	Prerequisite	Algebra 1
Curriculum Used				<i>Discovering Geometry</i> , teacher provided worksheets and handouts (Provided by Instructor)	
Extra Required Materials				TI-30 Calculator	
This course will cover the concepts and study of geometry, including but not limited to, points, lines, planes, constructions, triangles, polygons, circles, Pythagorean Theorem, solids and basic trigonometry.					

Pre-Calculus				Teacher	Traci Cleveland
Grade Level	12	Credit	1.0	Prerequisite	Algebra 2 & Geometry
Curriculum Used				<i>Pre-Calculus, A Teaching Textbook</i> (Provided by Instructor)	
Extra Required Materials				TI -83 or TI-84 Calculator (can often find on eBay)	
<p>This course will cover advanced algebra techniques and trigonometry needed for the path to Calculus. Topics include a study of functions, polynomial graphing techniques, rational functions, exponentials and logarithms, trigonometric functions and applications of trig from a triangle perspective.</p>					

Consumer Math				Teacher	Anna Gilbert
Grade Level	10-12	Credit	1.0	Prerequisite	Algebra 1
Curriculum Used				<i>ABeka Consumer Math and BJU Consumer Math</i> (Provided by Instructor)	
Extra Required Materials				Calculator	
<p>This course will cover topics including, but not limited to: percents, decimals, banking, budgeting, housing choices, buying/renting/leasing cars, taxes, income, and wisely using the financial resources God provides for us.</p>					