

Secondary II GVC'S

Name _____

Pine View High School

GVC Unit 1 – Polynomials

I can perform operations on polynomials. (A.APR.1)	Self	Teacher
<ul style="list-style-type: none">I can identify and combine like terms. (Add/Subtract)		
<ul style="list-style-type: none">I can use the distributive property to multiply a monomial by a binomial.		
<ul style="list-style-type: none">I can use the distributive property to multiply a binomial by a binomial.		

GVC Unit 2 – Factoring

I can factor simple quadratics. (A.SSE.3, N.CN.8)	Self	Teacher
<ul style="list-style-type: none">I can factor a quadratic by finding the Greatest Common Factor (GCF).		
<ul style="list-style-type: none">I can factor a quadratic when $a=1$.		
<ul style="list-style-type: none">I can factor a difference of squares.		
<ul style="list-style-type: none">I can factor a perfect square trinomial.		
<ul style="list-style-type: none">I can factor a polynomial by grouping.		

GVC Unit 3 – Radicals

I can simplify radical and complex expressions. (N.RN.3, N.CN.1, N.CN.1, N.CN.8)	Self	Teacher
<ul style="list-style-type: none">I can simplify radical expressions.		
<ul style="list-style-type: none">I can perform operations on radical and complex expressions.		
<ul style="list-style-type: none">I can solve radical equations with complex solutions.		

GVC Unit 4 – Exponents

I can simplify expressions using exponent rules. (N.RN.1, N.RN.2, A.SSE.1, A.SSE.3)	Self	Teacher
<ul style="list-style-type: none">I can simplify expressions using exponent rules.		
<ul style="list-style-type: none">I can use rational exponents to simplify expressions		
<ul style="list-style-type: none">I can convert between rational exponents and radical expressions.		

GVC Unit 5 – Graphing

I can graph absolute value and quadratic functions. (F.IF.4, F.IF.7, F.IF.8)	Self	Teacher
<ul style="list-style-type: none">I can identify the parent function from a table, graph, and equation.		
<ul style="list-style-type: none">I can graph and transform a quadratic function.		
<ul style="list-style-type: none">I can graph and transform an absolute value function.		
<ul style="list-style-type: none">I can find zeros, intercepts, extreme values, domain/range, and intervals of increase/decrease of quadratic functions.		

GVC Unit 6 – Solving Quadratics

I can solve simple quadratics. (A.REI.4, N.CN.7)	Self	Teacher
<ul style="list-style-type: none">I can factor a quadratic when $a = 1$.		
<ul style="list-style-type: none">I can solve by taking the square roots.		
<ul style="list-style-type: none">I can solve by completing the square.		
<ul style="list-style-type: none">I can solve by using the quadratic formula.		
<ul style="list-style-type: none">I can recognize what the solutions of a quadratic function represent.		
<ul style="list-style-type: none">I can recognize when one method is more efficient than another.		

GVC Unit 7 – Systems of Equations

I can solve systems of equations. (A.REI.7, A.CED.1, F.IF.5, F.LE.3)	Self	Teacher
<ul style="list-style-type: none"> I can solve a system of equations by graphing, substitution or elimination. 		
<ul style="list-style-type: none"> I can solve a system of equations involving a linear equation and an absolute value equation. 		
<ul style="list-style-type: none"> I can solve a system of equations involving a linear equation and a quadratic equation. 		
<ul style="list-style-type: none"> I can graph a system of inequalities. 		

GVC Unit 8 – Lines and Angles

I can find missing measurements using Geometric theorems. (G.CO.9, G.CO.10, G.CO.11)	Self	Teacher
<ul style="list-style-type: none"> I can identify and solve for missing measures using parallel lines and transversals. 		
<ul style="list-style-type: none"> I can solve for missing measures using theorems for parallelograms. 		
<ul style="list-style-type: none"> I can solve for missing measures in triangles using geometric theorems. 		

GVC Unit 9 – Similarity and Proportions

I can solve for missing measures using proportions. (G.SRT.1, G.SRT.2, G.SRT.5, G.GMD.1, G.GMD.3, G.CPE.6)	Self	Teacher
<ul style="list-style-type: none"> I can solve for missing measures in polygons using similarity and proportions. 		
<ul style="list-style-type: none"> I can dilate a figure using proportions. 		

GVC Unit 10 – Right Triangles

I can use trigonometry to solve problems involving right triangles. (S.SRT.7, S.SRT.8)	Self	Teacher
<ul style="list-style-type: none"> I can find trigonometric ratios for sin, cos, and tan. 		
<ul style="list-style-type: none"> I can apply the Pythagorean Theorem and right triangle trigonometry to solve a right triangle, including contextual situations. 		

GVC Unit 11 – Probability

I can construct and interpret two-way frequency tables. (S.ID.5, S.CP.1, S.CP.4, S.CP.5, S.CP.6)	Self	Teacher
<ul style="list-style-type: none"> I can convert between two-way frequency table and Venn diagrams. 		
<ul style="list-style-type: none"> I can find probabilities when given a two-way frequency table or Venn diagram 		

GVC Unit 12 – Circles

I can find and apply properties of circles (G.GPE.1, G.C.5)	Self	Teacher
<ul style="list-style-type: none"> I can find the measures of central, inscribed, and circumscribed angles of a circle. 		
<ul style="list-style-type: none"> I can use various methods to find the equation of a circle. 		
<ul style="list-style-type: none"> I can find arc lengths and area of sectors of circles. 		