

Desmos Activities

Algebra 1

Types of Numbers	Always Sometimes Never	
Plot on coordinate plane	Zombie Apocalypse	
Inequalities on # Line	Inequalities on # Line	
Graph inequalities on #line	Graph inequalities on #line	
Matching Inequalities	Card Sort: Linear Inequalities	
Order of Operations	Twin Puzzles	
Application of Graphing Line in Standard Form	App of Graphing Line in Standard Form	
Linear Function	Card Sorts: Linear Function	
Slope	Slope challenge	
Rate of Change Card Sort	Rate of Change Card Sort	
Graphing Lines	Marbleslides	
Graphing Lines	Polygraph	
Graphing Lines	Land the Plane	
Graphing Lines	Match My Line	
Graphing Slope Int	Happy Valentine's Day	
Graphing with x and y intercepts	Graphing with intercepts	
Write equations of parallel and perpendicular lines	Write equations of parallel and perpendicular lines	
Writing equations for linear inequalities	Linear Inequalities	
Linear Regression	Lego Prices	
Solve System with Substitution	Racing Dots	
Systems of Equations word	Tortoise and the Hare	

problem		
System of Equations word problem	Bake Sale	
Graphing Linear Systems	Card Sort - Linear Systems	
Graphing Systems of Linear Inequalities	Polygraph - Linear System of Inequalities	
Graphing Piecewise	Piecewise Function Graphs	
Piecewise Domain and Range Card Sort	Card Sort Domain Range	
Graphing Absolute Value Transformation	Graphing Absolute Value Transformations	
Graphing Absolute Value	Polygraph Absolute Value	
Exponent Rules	Card Sort: Exponent Rules	
Factoring	Factor Card Sort	
Graphing Polynomials	Polygraph	
Quadratics	Will It Hit the Hoop?	
Quadratic Card Sort	Quadratic Card Sort	
Factoring Quadratics	Card Sort: Factor quadratics	
Graphing Quads in vertex form	Graphing Quads in vertex form	
Graphing Quads understanding h and k	Graphing Quads understanding h and k	
Quad Vertex Form Card Sort	Card Sort: Quad Vertex Form	
Write equation of quadratics given roots, using Angry Birds, Pokemon, etc	Write Quadratic Equations Using Roots	
Connecting Standard, Vertex, Factored form of Quad	Factoring Quads	
Solve Quad using Square Roots	Card Sort: Solve Quad Square Roots	

Solve Quad by Completing the Square	Card Sort: Complete the Square	
Finding Zeros of Quad by Graphing	Card Sort: Finding Zero	
Quad Breakout	Quad Breakout	
Prior to graphing exponential - compare linear to exp	Avi and Benita's Repair Shop	
Graphing Exponential	Marbleslides - Exponential	
Compare Arithmetic and Geo Sequence	Card Sort Arithmetic and Geo Sequence	
Graphing Quadratic Transformations	Marbleslides	
Compare Linear vs Exponential	What comes next?	
Compare Geometric Sequence to Exponential	Game, Set, Flat	
Boxplots, histograms	Card Sort: Stats	

Geometry [desmos.com/geometry](https://www.desmos.com/geometry)

Geo Vocab Basics	Geo Basics	
Card Sort: Geo Vocab	Card Sort: Geo Vocab	
Practice Graphing Coordinates	Mini Golf Marbleslides	
Practice Graphing Coordinates (attend to precision)	Graphing Coordinates	
Practice Graphing	Pomegraphit	
Practice measuring and Linear	Picture Perfect	

Map measures	On the Map	Maybe change to hopkinton
Card Sort linear and angle pairs	Card Sort: Linear and Angle Pairs	
Angle Measures	Laser Challenge	
Logic Game	Wolves and Sheep	
Inverse Converse Contrapositive	Card Sort: Logic	
Classify Triangles	Classify Triangles	
Triangles	Triangles by annie F	
Triangle Sum Thm	Triangle Sum Thm	
Triangle Sum Thm multi triangles	Triangle Sum Thm Multi Tri	
Triangle Exterior Angle	Triangle Exterior Angle	
Similar or Congruent Triangles	Polygraph: Similar or Congruent Triangles	
Triangle Congruence SAS SSS ASA AAS	Triangle Congruence	
CPCTC	CPCTC	
Special Segments Triangle	Card Sort: Special Segments of a Triangle	
Points of Concurrency Map	Points of Concurrency Map	
Circumcenter	Circumcenter	
Orthocenter	Orthocenter	
Quadrilaterals	Polygraph	
Quadrilateral Card Sort	Card Sort Quadrilateral	
Properties of Quads	Properties of Quads	
Solving Parallelograms	Solving Parallelograms	
Polygon Vocab	Card Sort Polygon Vocab	

Polygon Interior Angles	Interior Angles of Polygon	
Transformation Rules	Des-patterns	
Like Marbleslides	Transformation Slides	
Rotations	Rotations	
Transformations	Card Sort: Transformation	
Isometry	Card Sort: Isometry	
Transformation Graphs	Polygraph	
Transformation Graphs 2	Polygraph 2	
Transformations	Transformations Activity	
Nets and SA	Nets and SA	
Circle Polygraph	Circle Polygraph	
Pizza Graph	Pizza Slices	Degrees, radians
Area of Sector	Area of Sector	
Conics	Card Sort: Conics	
Intro Trig	Intro Trig	

Algebra 2

All Parent Graphs	Graphing Parent Functions and Transformations	
Match functions and equations	Card Sort: Match Functions	
Card Sort Is it a function	Card Sort: Function?	
Function Maze	Function Maze	
Piecewise Functions	Card Sort: Piecewise Functions	
Quadratic Card Sort	Quadratic Card Sort	

Card Sort: Complete the square	Card Sort: Complete the Square	
Card Sort: Factor All Types	Card Sort: Factor all types	
Breakout: Quad Review	Breakout: Quads	
Solve Polynomial	Solve Polynomial	
Finding Roots of Poly on Graph	Finding roots of poly on graph	
Constructing Polynomials	Constructing Polynomials	
Polynomial End behavior	Polygraph: Polynomial End Behavior	
Card Sort: Factor Cubes	Card Sort: Factor Cubes	
Card Sort: Exponents	Card Sort: Exponents	
Practicing Radical Rules	Always, Sometimes, Never	
Graphing Radical Transformations	Graphing Radical Transformations	
Graphing Rational Equations	Building Rational Graphs	
Graphing Rational Equations	Making Rational Graphs	
Graphing Rational Equations	Marbleslides	
Log Transformations	Log Transformations	
Transformations of Logs	Transformations of Logs	
Building Conics	Building Conics	
Graphing Conics	Crazy Conics Create Creativity	
Graphing sin changing a and b	Graph sin change a and b	
Graphing Trig with relationship to Circles	Match My Graph	
Sinusoidal Transformation	Sinusoidal Transformation	

