

NO BIG DEAL NBD math program

Presented by the Dyscalculia Training & Research Institute

Geometry Pacing Guide

Use this pacing guide to help you keep track of your work.

<u>Unit</u>	<u>Topic</u>	<u>Completed</u>
Unit 1	<u>Week 1, Algebra Review</u> Expressions and Equations Monomials and Polynomials Combining Parts of an Expression Degree of an Expression Add and Subtract Polynomials	
	<u>Week 2, Symbols, Postulates, Theorems</u> Geometry Symbols Postulates and Theorems Points, Lines, Planes Collinear and Coplaner Unit 1, Week 2, Test	
	<u>Week 3, Line Segments and Bisectors</u> Naming Line Segments Midpoint of a Line Segment Segment Addition Postulate Segment Addition and Algebra Segment Addition Word Problems	
	<u>Week 4, Rays, Angles, Bisectors</u> Rays and Angles Bisector of an Angle Angle Addition Postulate Angle Addition and Algebra Unit 1, Week 4 Test	
	<u>Week 5, Naming Polygons</u> Polygons Polygons, Sides, and Angles Opposite Sides and Angles	
	<u>Week 6, If-Then Statements</u> Inverse Converse Contrapositive Unit 1, Week 6 Test	
Unit 2	<u>Week 1, Reasoning</u> Deductive and Inductive Reasoning Postulates and Theorems Definitions	
	<u>Week 2, Properties</u> Properties for Operations Properties of Equality Using Properties, Theorems, and Definitions Unit 2 Test	

Unit 3	<u>Week 1, Pairs of Angles</u> Adjacent Angles Complementary and Supplementary Angles Vertical Angles Linear Pairs	
	<u>Week 2, Corresponding Parts of Polygons</u> Corresponding Sides Corresponding Angles Correspondence and Similarity Correspondence and Congruence Unit 3, Week 2 Test	
	<u>Week 3, Parallel Lines and Transversals</u> Parallel Lines and Transversals Supplementary Angles Congruent Angles Angles and Algebra	
Unit 4	<u>Week 1, Proofs</u> Two-Column Proofs Two-Column Proofs for Line Segments Two-Column Proofs for Angles Two-Column Proofs for Midpoints Two-Column Proofs for Midpoints	
	<u>Week 2, SSS</u> Distance Formula Proving SSS SSS and Reflexive Property Unit 4, Week 2 Test	
	<u>Week 3, SAS</u> Corresponding Parts of Triangles Identifying Side-Angle-Side Proving SAS	
	<u>Week 4, ASA</u> Identifying Angle-Side-Angle Proving ASA Unit 4, Week 4 Test	
	<u>Week 5, AAS</u> Identifying Angle-Side-Angle Proving ASA	
	<u>Week 6, HL</u> Identifying Hypotenuse-Leg Proving HL Semester One Review Semester One Test	
Unit 5	<u>Week 1, Rotations</u> Identify Rotations 90 Degree Rotations 180 Degree Rotations 270 Degree Rotations	
	<u>Week 2, Reflections and Translations</u> Identify Reflections Determine Points After Reflections Identify Translations	
	<u>Week 3, Dilations</u> Identify Dilations Determine Points After Dilations	

	Scale Factor of Dilations Unit 5 Test	
Unit 6	<u>Week 1, Ordering Sides and Angles</u> Types of Triangles Review Order Angles by Sides Order Sides by Angles	
	<u>Week 2, Special Triangles</u> Pythagorean Theorem Review Dividing Radicals Review 45-45-90 Triangles 30-60-90 Triangles Unit 6 Test	
Unit 7	<u>Week 1, Similar Shapes</u> Similarity Theorems Prove Similar Shapes Similar Shapes and Algebra	
	<u>Week 2, Proportions and Segments</u> Proportional Line Segments Proportional Segments in Triangles Proportional Segments and Algebra	
	<u>Week 3, Geometric Mean</u> Solve Square Roots Set up the Geometric Mean Solve the Geometric Mean	
Unit 8	<u>Week 1, Quadrilaterals</u> Parallelogram Square Rhombus Rectangle	
	<u>Week 2, Distance Formula & Slope</u> Distance Formula Slope Formula Identifying Quadrilaterals Unit 8, Week 2 Test	
	<u>Week 3, Parallelograms and Rectangles</u> Proving Parallelograms with Slope Proving Parallelograms with Side Lengths Proving Rectangles with Slope Proving Rectangles with Side Lengths	
	<u>Week 4, Squares and Rhombuses</u> Proving Squares with Slope Proving Squares with Side Lengths Proving Rhombus with Side Lengths Proving Rhombus with Side Lengths	
	<u>Week 5, Kites</u> Properties of Kites Identifying Kites Proving Kites	
Unit 9	<u>Week 1, Equation of a Circle</u> Equation of a Circle Graph a Circle Area and Circumference of a Circle	
	<u>Week 2, Arcs and Sectors</u> Naming Arcs Arc Lengths	

	Central Angles and Sectors Area of a Sector Unit 9, Week 2 Test	
	<u>Week 3, Inscribed Angles</u> Central Angles and Inscribed Angles Inscribed Angles and Arcs Inscribed Angles, Arcs, and Algebra	
	<u>Week 4, Tangents & Secants</u> Naming Tangents and Secants Tangents and Angles Tangents, Angles, and Algebra Unit 9, Week 4 Test	
	<u>Week 5, Exterior and Interior Angles</u> Exterior Angles of a Polygon Exterior Angles Theorem Interior Angles of a Polygon Sum of Interior Angles of a Polygon One Interior Angle Measurement	
	<u>Week 6, Semester Two Review</u> Semester Two Review, Part 1 Semester Two Review, Part 2 Semester Two Test	