

Geometry
Assignment Schedule
2021-2022

Semester 1				
Chapter 1 Basics of Geometry				
Day	Date	Lesson	Assignment	Total
Monday	Aug 23	Syllabus (morning)		
Tuesday	Aug 24	Syllabus (afternoon)		
Wednesday	Aug 25	1.1 Points, Lines, and Planes	8 #2, 4, 6, 8, 10, 12, 14, 18, 20, 22, 24, 26, 28, 30, 32, 34, 52, 54, 56, 58	20
Thursday	Aug 26	1.2 Measuring and Constructing Segments	16 #2, 4, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 34, 38, 40, 41, 46, 48	20
Monday	Aug 30	1.3 Using Midpoint and Distance Formulas	24 #2, 4, 6, 8, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 44, 46, 48, 50, 59	20
Tuesday	Aug 31	1.3 Distance and Midpoint Formulas Worksheet		
Wednesday	Sep 01	1.4 Perimeter and Area in the Coordinate Plane	32 #2, 4, 6, 10, 12, 16, 18, 20, 24, 26, 36, 38, 39, 40, 42	15
Thursday	Sep 02	1.5 Measuring and Constructing Angles	41 #2, 4, 6, 8, 10, 12, 16, 18, 20, 22, 24, 26, 28, 32, 34, 36, 38, 46, 61, 69	20
Monday	Sep 06	Labor Day		
Tuesday	Sep 07	1.6 Describing Pairs of Angles	50 #2, 4, 6, 8, 10, 12, 14, 16, 20, 22, 24, 26, 28, 40, 42, 51, 52, 53, 54, 62	20
Wednesday	Sep 08	School Picnic		
Thursday	Sep 09			
Monday	Sep 13	1.Review	Worksheet	
Tuesday	Sep 14	MAP Testing		
Wednesday	Sep 15	1.Test	Test	100
Chapter 2 Reasoning and Proof				
Day	Date	Lesson	Assignment	Total
Thursday	Sep 16	2.1 Conditional Statements	69 #2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 26, 28, 30, 32, 49, 68, 71, 74, 76	20
Monday	Sep 20	2.2A Inductive Reasoning	78 #1, 2, 4, 6, 7, 8, 10, 12, 13, 14, 36, 43, 45, 46, 49	15
Tuesday	Sep 21	2.2B Deductive Reasoning	78 #16, 17, 18, 19, 21, 22, 24, 25, 26, 30, 32, 34, 40, 51, 54	15
Wednesday	Sep 22	2.3 Postulates and Diagrams	85 #2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 21, 22, 23, 25, 26, 31, 32, 36, 38, 39	20
Thursday	Sep 23			
Monday	Sep 27	2.4 Algebraic Reasoning	92 #2, 4, 6, 8, 10, 16, 20, 22, 24, 28, 30, 32, 34, 36, 38, 53, 54, 60, 61, 63	20
Tuesday	Sep 28	2.5 Proving Statements about Segments and Angles	99 #1, 2, 4, 6, 10, 12, 14, 16, 17, 18, 23, 24, 25, 27, 30	15
Wednesday	Sep 29	2.6 Proving Geometric Relationships	107 #2, 4, 6, 8, 10, 12, 13, 15, 17, 18, 19, 24, 26, 29, 31	15
Thursday	Sep 30			
Monday	Oct 04	2.Review	Worksheet	
Tuesday	Oct 05	2.Test	Test	100
Chapter 3 Parallel and Perpendicular Lines				
Day	Date	Lesson	Assignment	Total
Wednesday	Oct 06	3.1 Pairs of Lines and Angles	125 #2, 4, 6, 8, 9, 10, 11, 12, 14, 15, 16, 20, 21, 22, 24, 28, 32, 33, 35, 36	20
Thursday	Oct 07	3.2 Parallel Lines and Transversals	131 #2, 4, 5, 6, 8, 10, 12, 14, 15, 18, 20, 22, 23, 24, 26, 29, 30, 32, 33, 38	20
Monday	Oct 11	Columbus Day		
Tuesday	Oct 12	3.3 Proofs with Parallel Lines	138 #2, 4, 6, 10, 12, 14, 16, 20, 22, 24, 26, 28, 30, 32, 35, 39, 41, 44, 45, 49	20
Wednesday	Oct 13	PSAT		
Thursday	Oct 14			
Monday	Oct 18	3.4 Proofs with Perpendicular Lines	146 #2, 10, 12, 14, 16, 18, 20, 21, 24, 26, 34, 40, 42, 45, 46	15
Tuesday	Oct 19	3.5A Equations of Parallel and Perpendicular Lines	154 #1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 53, 54, 57	13
Wednesday	Oct 20	3.5B Equations of Parallel and Perpendicular Lines	154 #12, 14, 16, 18, 20, 22, 24, 36, 38, 46, 62, 64	12
Thursday	Oct 21	Asynchronous Learning Day - Accreditation		
Monday	Oct 25	3.Review	Worksheet	
Tuesday	Oct 26	3.Test	Test	100
Chapter 4 Transformations				
Day	Date	Lesson	Assignment	Total
Wednesday	Oct 27	4.1 Translations	172 #2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 32, 42, 43, 44, 48, 52	20
Thursday	Oct 28	Parent-Teacher Conferences		
Monday	Nov 01	4.2 Reflections	180 #2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 45, 49, 51, 54, 55	20
Tuesday	Nov 02	4.3 Rotations	188 #2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 40, 42, 43, 46, 47	20
Wednesday	Nov 03	4.4 Congruence and Transformations	196 #2, 4, 6, 8, 10, 12, 14, 15, 16, 18, 20, 24, 26, 28, 35, 36, 42, 46, 49, 50	20
Thursday	Nov 04	4.5 Dilations	204 #2, 4, 6, 8, 10, 14, 16, 18, 20, 22, 24, 26, 28, 34, 38, 50, 52, 55, 56, 59	20
Monday	Nov 08	MIRA	Worksheet	
Tuesday	Nov 09	Continue MIRA		
Wednesday	Nov 10	4.6 Similarity and Transformations	211 #2, 4, 6, 8, 10, 13, 14, 16, 17, 19, 21, 22, 23, 24, 28	15
Thursday	Nov 11			
Monday	Nov 15	4.Review	Worksheet	
Tuesday	Nov 16	4.Test (3x5 card)	Test	100
Chapter 5 Congruent Triangles				
Day	Date	Lesson	Assignment	Total
Wednesday	Nov 17	5.1 Angles of Triangles	228 #2, 4, 6, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 32, 42, 44, 48, 55, 58, 59	20
Thursday	Nov 18	5.2 Congruent Polygons	235 #2, 3, 4, 6, 8, 10, 12, 13, 14, 15, 17, 18, 20, 21, 24, 26, 28, 30, 31, 32	20
Monday	Nov 22	5.3 Proving Triangle Congruence by SAS	241 #2, 4, 6, 7, 8, 10, 12, 17, 18, 19, 23, 24, 27, 29, 31	15
Tuesday	Nov 23	Tessellations		
Wednesday	Nov 24	Quirky Turkey		
Thursday	Nov 25	Thanksgiving Break		
Monday	Nov 29	Asynchronous Learning Day - Accreditation		
Tuesday	Nov 30	5.4 Equilateral and Isosceles Triangles	248 #2, 4, 6, 8, 12, 14, 16, 18, 20, 21, 22, 24, 27, 28, 30, 36, 38, 39, 40, 43	20
Wednesday	Dec 01	5.5 Proving Triangle Congruence by SSS	256 #1, 2, 3, 4, 6, 7, 8, 10, 12, 14, 18, 20, 22, 26, 28, 31, 32, 34, 35, 36	20
Thursday	Dec 02	5.6 Proving Triangle Congruence by ASA and AAS	264 #2, 4, 6, 8, 12, 14, 16, 22, 24, 28, 35, 38, 39, 40, 41	15
Monday	Dec 06	5.7 Using Congruent Triangles	271 #2, 3, 4, 6, 8, 10, 13, 17, 19, 20, 23, 25, 26, 27, 28	15
Tuesday	Dec 07	5.8 Coordinate Proofs	277 #2, 4, 6, 8, 11, 12, 15, 16, 22, 23, 25, 26, 29, 32, 33	15
Wednesday	Dec 08	5.Review	Worksheet	
Thursday	Dec 09	5.Test	Test	100
Monday	Dec 13	Review Ch 1-2		
Tuesday	Dec 14	Review Ch 3-4		
Wednesday	Dec 15	Finals		
Thursday	Dec 16	Finals		
Friday	Dec 17	Final Exam		200

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Semester 2				
Chapter 6 Relationships Within Triangles				
Day	Date	Lesson	Assignment	Total
Monday	Jan 03	6.1 Perpendicular and Angle Bisectors	296 #2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 38, 40, 43	15
Tuesday	Jan 04	6.2 Bisectors of Triangles	305 #1, 4, 6, 8, 12, 14, 16, 26, 27, 29, 30, 31, 32, 36, 37, 51, 53, 55, 56, 58	20
Wednesday	Jan 05	6.3 Medians and Altitudes of Triangles	314 #2, 4, 6, 8, 10, 12, 14, 16, 18, 26, 27, 28, 29, 30, 31, 32, 33, 34, 36, 40, 52, 56, 58, 60, 63	25
Thursday	Jan 06	6.4 The Triangle Midsegment Theorem	321 #2, 6, 7, 8, 9, 10, 11, 12, 14, 16, 17, 18, 19, 20, 23, 24, 25, 27, 28, 31	20
Monday	Jan 10	6.5 Indirect Proof and Inequalities in One Triangle	328 #2, 4, 6, 8, 12, 14, 16, 18, 20, 22, 24, 26, 28, 32, 40, 47, 49, 52, 53, 55	20
Tuesday	Jan 11	<i>Asynchronous Learning Day - Accreditation</i>		
Wednesday	Jan 12	6.6 Inequalities in Two Triangles	335 #2, 4, 6, 8, 10, 12, 13, 14, 15, 16, 20, 21, 22, 24, 25	15
Monday	Jan 17	<i>Martin Luther King Jr. Day</i>		
Tuesday	Jan 18	6.Review	Worksheet	
Wednesday	Jan 19	6.Test	Test	100
Chapter 7 Quadrilaterals and Other Polygons				
Day	Date	Lesson	Assignment	Total
Thursday	Jan 20	7.1 Angles of Polygons	352 #1, 4, 6, 8, 10, 12, 14, 18, 22, 24, 25, 30, 32, 34, 36, 50, 51, 52, 56, 61	20
Monday	Jan 24	7.2 Properties of Parallelograms	360 #2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 26, 28, 30, 38, 47, 51, 52, 53, 54	20
Tuesday	Jan 25	7.3 Proving That a Quadrilateral is a Parallelogram	369 #2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 28, 34, 43, 50, 53, 54, 59, 61	20
Wednesday	Jan 26	7.4 Properties of Special Parallelograms	379 #2, 4, 8, 10, 12, 14, 16, 18, 22, 24, 30, 32, 36, 38, 48, 50, 52, 62, 64, 66, 88, 89, 92, 94, 99	25
Thursday	Jan 27	7.5 Properties of Trapezoids and Kites	389 #2, 4, 6, 8, 10, 12, 16, 18, 20, 22, 24, 26, 28, 30, 39, 54, 58, 60, 63, 64	20
Monday	Jan 31			
Tuesday	Feb 01	7.Review	Worksheet	
Wednesday	Feb 02	7.Test	Test	100
Chapter 8 Similarity				
Day	Date	Lesson	Assignment	Total
Thursday	Feb 03	8.1 Similar Polygons	409 #2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 38, 40, 46, 49, 55, 56, 58, 60, 71	25
Monday	Feb 07	8.2 Proving Triangle Similarity by AA	417 #2, 4, 6, 8, 9, 10, 11, 12, 14, 16, 17, 18, 19, 20, 22, 31, 33, 34, 35, 36	20
Tuesday	Feb 08			
Wednesday	Feb 09	8.3 Proving Triangle Similarity by SSS and SAS	425 #2, 4, 6, 8, 9, 10, 11, 12, 14, 16, 17, 20, 24, 25, 32, 33, 35, 38, 41, 42	20
Thursday	Feb 10	8.4 Proportionality Theorems	434 #2, 4, 6, 12, 14, 16, 18, 20, 21, 22, 23, 24, 27, 28, 36, 40, 41, 44, 45, 46	20
Monday	Feb 14			
Tuesday	Feb 15	8.Review	Worksheet	
Wednesday	Feb 16	8.Test	Test	100
Chapter 9 Right Triangles and Trigonometry				
Day	Date	Lesson	Assignment	Total
Thursday	Feb 17	9.1 The Pythagorean Theorem	452 #2, 4, 6, 7, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 43, 45, 48, 49, 53	20
Monday	Feb 21	<i>President's Day</i>		
Tuesday	Feb 22	9.2 Special Right Triangles	459 #1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 24, 25, 26, 30, 32	20
Wednesday	Feb 23	9.3 Similar Right Triangles	466 #2, 4, 6, 8, 10, 12, 14, 18, 20, 22, 24, 27, 30, 32, 36, 43, 47, 48, 49, 50	20
Thursday	Feb 24	9.4 The Tangent Ratio	473 #2, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 18, 20, 24, 25, 29, 30, 32	20
Monday	Feb 28	9.5 The Sine and Cosine Ratios	480 #2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 27, 28, 30, 35, 38, 41, 44, 45, 48	20
Tuesday	Mar 01	9.6 Solving Right Triangles	487 #2, 4, 6, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 30, 33, 34, 35, 39	20
Wednesday	Mar 02	9.7A Law of Sines	495 #2, 4, 6, 8, 10, 12, 14, 16, 18, 20	10
Thursday	Mar 03	9.7B Law of Cosines	495 #22, 24, 26, 28, 32, 56, 57, 58, 59, 64	10
Monday	Mar 07			
Tuesday	Mar 08	<i>Academy Day</i>		
Wednesday	Mar 09	9.Review	Worksheet	
Thursday	Mar 10	9.Test (3x5 card)	Test	100
Chapter 10 Circles				
Day	Date	Lesson	Assignment	Total
Monday	Mar 14	10.1 Lines and Segments That Intersect Circles	516 #2, 4, 6, 8, 10, 12, 14, 16, 18, 24, 26, 28, 32, 38, 42, 45, 46, 51, 52, 53	20
Tuesday	Mar 15	10.2 Finding Arc Measures	524 #2, 4, 6, 8, 9, 10, 12, 14, 16, 18, 19, 20, 22, 24, 27, 33, 35, 39, 41, 42	20
Wednesday	Mar 16	10.3 Using Chords	531 #1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 15, 16, 20, 22, 24, 25, 26, 27, 28	20
Thursday	Mar 17	10.4 Inscribed Angles and Polygons	538 #2, 3, 4, 6, 7, 8, 10, 11, 12, 13, 14, 16, 22, 30, 32, 34, 36, 38, 39, 43	20
Monday	Mar 21	<i>Spring Break</i>		
Tuesday	Mar 22	<i>Spring Break</i>		
Wednesday	Mar 23	<i>Spring Break</i>		
Thursday	Mar 24	<i>Spring Break</i>		
Monday	Mar 28			
Tuesday	Mar 29	10.5 Angle Relationships in Circles	546 #2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 16, 18, 29, 32, 35, 36, 37, 39	20
Wednesday	Mar 30	10.6 Segment Relationships in Circles	553 #2, 3, 4, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 18, 19, 25, 28, 29, 30, 31	20
Thursday	Mar 31	<i>Parent-Teacher Conferences</i>		
Monday	Apr 04	10.7 Circles in the Coordinate Plane	559 #2, 4, 6, 8, 10, 12, 13, 14, 19, 20, 23, 24, 26, 28, 30, 34, 35, 36, 38, 41	20
Tuesday	Apr 05			
Wednesday	Apr 06	10.Review	Worksheet	
Thursday	Apr 07	10.Test	Test	100
Chapter 11 Circumference and Area				
Day	Date	Lesson	Assignment	Total
Monday	Apr 11	11.1 Areas of Triangles and Parallelograms	Worksheet	20
Tuesday	Apr 12	11.2 Areas of Trapezoids, Rhombuses, and Kites (11.3)	Worksheet	20
Wednesday	Apr 13	<i>Community Service Day</i>		
Thursday	Apr 14	11.3 Circumference and Arc Length (11.1)	586 #2, 4, 5, 6, 7, 9, 10, 11, 12, 14, 15, 16, 22, 26, 29, 43, 45, 46, 48, 49	20
Monday	Apr 18	11.4 Areas of Circles and Sectors (11.2)	593 #2, 4, 6, 8, 10, 11, 12, 13, 14, 15, 16, 18, 20, 21, 22, 28, 29, 33, 34, 35	20
Tuesday	Apr 19	11.5 Areas of Polygons (11.3)	600 #6, 8, 10, 12, 13, 18, 20, 22, 24, 26, 27, 28, 53, 54, 55, 57, 63	17
Wednesday	Apr 20	11.6 Use Geometric Probability	Worksheet	20
Thursday	Apr 21			
Monday	Apr 25	11.Review	Worksheet	
Tuesday	Apr 26	11.Test	Test	100
Chapter 12 Surface Area and Volume				
Day	Date	Lesson	Assignment	Total
Wednesday	Apr 27	12.1 Explore Solids (12.1, new)	Worksheet	25
Thursday	Apr 28	12.2 Surface Area of Prisms and Cylinders	Worksheet	20
Monday	May 02	12.3 Surface Area of Pyramids and Cones (12.4)	Worksheet	20
Tuesday	May 03			
Wednesday	May 04	12.4 Volume of Prisms and Cylinders (12.2)	632 #2, 4, 6, 8, 12, 14, 16, 18, 20, 22, 23, 24, 26, 28, 30, 37, 38, 40, 49, 50	20
Thursday	May 05	12.5 Volume of Pyramids and Cones (12.3, 12.4)	639 #2, 4, 8, 10, 11, 12, 14, 16, 645 #5, 6, 8, 10, 13, 14, 17, 24, 25, 27, 29, 31	20
Monday	May 09	12.6 Surface Area and Volume of Spheres (12.5)	652 #2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 43, 44, 45, 46, 48	20
Tuesday	May 10	12.7 Solids of Revolution	665 #2, 4, 6, 7, 8, 10, 12, 14, 16, 18, 20, 22, 23, 24, 26, 33, 35, 36, 37, 38	20
Wednesday	May 11			
Thursday	May 12	12.Review	Worksheet	
Monday	May 16	<i>School Picnic</i>		
Tuesday	May 17	12.Test	Test	100
Wednesday	May 18	Review Ch 6-7		
Thursday	May 19	Review Ch 8-9		
Monday	May 23	Review Ch 10-11		
Tuesday	May 24	Final Exam		200