

Integrated 1 Trimester Pacing Guide

Chapters 1-12

108 Days

Trimester 1A

53 Days

Chapter 1 Solving Linear Equations	9 Days	Standard
Chapter Opener/Mathematical Practices	0.5 Day	
Skills Review Handbook (HS) 3.6	0.5 Day	MA.AI.RNE.1
Solving Simple Equations	1 Day	1.1 MA.AI.L.1, MA.AI.L.2
Solving Multi-Step Equations	1 Day	1.2 MA.AI.L.1, MA.AI.L.2
Solving Equations with Variables on Both Sides	1 Day	1.3 MA.AI.L.1, MA.AI.L.2
Quiz	0.5 Day	
Solving Absolute Value Equations	1.5 Days	1.4 MA.AI.L.1, MA.AI.L.2, MA.AI.L.9
Rewriting Equations and Formulas	1 Day	1.5 MA.AI.L.11
Chapter Review/Chapter Tests	2 Days	

1st 6 week total

9 Days

Chapter 2 Solving Linear Inequalities	8 Days	Standard
Chapter Opener/Mathematical Practices	0.5 Day	
Writing and Graphing Inequalities	0.5 Day	2.1 MA.AI.L.2
Solving Inequalities Using Addition or Subtraction	0.5 Day	2.2 MA.AI.L.2
Solving Inequalities Using Multiplication or Division	0.5 Day	2.3 MA.AI.L.2
Solving Multi-Step Inequalities	1 Day	2.4 MA.AI.L.2
Quiz	0.5 Day	
Solving Compound Inequalities	1.5 Days	2.5 MA.AI.L.2, MA.AI.L.8
Solving Absolute Value Inequalities	1 Day	2.6 MA.AI.L.2, MA.AI.L.8
Chapter Review/Chapter Tests	2 Days	

1st 6 week total

17 Days

Chapter 3 Graphing Linear Functions	8 Days	Standard
Chapter Opener/Mathematical Practices	0.5 Day	
Functions	0.5 Day	3.1 MA.AI.F.1, MA.AI.F.2, MA.AI.F.3, MA.AII.F.1
Linear Functions	1 Day	3.2 MA.AI.F.2, MA.AI.F.3, MA.AI.L.3, MA.AI.L.4, MA.AI.L.5, MA.AI.QE.1
Function Notation	0.5 Day	3.3 MA.AI.F.1, MA.AI.F.4, MA.AI.L.3, MA.AI.L.4, MA.AI.L.5
Quiz	0.5 Day	

Graphing Linear Equations in Standard Form	1 Day	3.4	MA.AI.L.3, MA.AI.L.4, MA.AI.L.5
Graphing Equations in Slope-Intercept Form	1 Day	3.5	MA.AI.F.2, MA.AI.L.3, MA.AI.L.4, MA.AI.L.5
Transformations of Graphs of Linear Functions	1 Day	3.6	MA.AI.L.3, MA.AI.L.4, MA.AI.L.5, MA.AII.F.5
Chapter Review/Chapter Tests	2 Days		
1st 6 week total	25 Days		

Chapter 4 Writing Linear Functions	9 Days	Standard
Chapter Opener/Mathematical Practices	0.5 Day	
Writing Equations in Slope-Intercept Form	0.5 Day	4.1 MA.AI.L.4, MA.AI.L.5, MA.AI.L.6, MA.AI.QE.1
Writing Equations in Point-Slope Form	1 Day	4.2 MA.AI.L.4, MA.AI.L.6, MA.AI.QE.1
Additional Topic: Forms of Linear Equations	1 Day	MA.AI.L.6
Writing Equations of Parallel and Perpendicular Lines	1 Day	4.3 MA.AI.L.4, MA.G.PL.4
Quiz	0.5 Day	
Scatter Plots and Lines of Fit	0.5 Day	4.4 MA.AI.DS.2, MA.AI.DS.3, MA.AI.L.5
Analyzing Lines of Fit	1 Day	4.5 MA.AI.DS.2, MA.AI.DS.3, MA.AI.DS.4, MA.AI.F.2, MA.AI.L.5, MA.AII.DSP.2
Arithmetic Sequences	1 Day	4.6 MA.AI.L.4, MA.AII.EL.1
Chapter Review/Chapter Tests	2 Days	
2nd 6 week total	9 Days	

Chapter 5 Solving Systems of Linear Equations	10 Days	Standard
Chapter Opener/Mathematical Practices	0.5 Day	
Solving Systems of Linear Equations by Graphing	0.5 Day	5.1 MA.AI.SEI.1, MA.AI.SEI.3, MA.AII.SE.2
Additional Topic: Approximating Solutions of Linear Systems	1 Day	MA.AI.SEI.1
Solving Systems of Linear Equations by Substitution	1 Day	5.2 MA.AI.SEI.1, MA.AI.SEI.2, MA.AI.SEI.3, MA.AII.SE.2
Solving Systems of Linear Equations by Elimination	1 Day	5.3 MA.AI.SEI.1, MA.AI.SEI.2, MA.AI.SEI.3, MA.AII.SE.2
Solving Special Systems of Linear Equations	0.5 Day	5.4 MA.AI.SEI.1, MA.AI.SEI.3, MA.AII.SE.2
Quiz	0.5 Day	
Solving Equations by Graphing	1 Day	5.5 MA.AI.SEI.1
Graphing Linear Inequalities in Two Variables	1 Day	5.6 MA.AI.L.7
Systems of Linear Inequalities	1 Day	5.7 MA.AI.L.7, MA.AI.SEI.4
Chapter Review/Chapter Tests	2 Days	
2nd 6 week total	19 Days	

Chapter 6 Exponential Functions and Sequences	9 Days	Standard
Chapter Opener/Mathematical Practices	0.5 Day	
Exponential Functions	1.5 Days	6.1 MA.AI.QE.1, MA.AI.QE.2, MA.A1.QE.3, MA.AII.F.5

Exponential Growth and Decay	1 Day	6.2	MA.AI.QE.1, MA.AI.QE.2, MA.A1.QE.3
Comparing Linear and Exponential Functions	0.5 Day	6.3	MA.AI.QE.1
Quiz	0.5 Day		
Solving Exponential Equations	1 Day	6.4	MA.AII.EL.7
Geometric Sequences	1 Day	6.5	MA.AII.EL.1, MA.AII.EL.7
Recursively Defined Sequences	1 Day	6.6	MA.AII.EL.1, MA.AII.EL.7
Chapter Review/Chapter Tests	2 Days		

2nd 6 week total

28 Days

Trimester 1B

55 Days

Chapter 7 Data Analysis and Display	10 Days	Standard
Chapter Opener/Mathematical Practices	0.5 Day	
Measures of Center and Variation	1.5 Days	7.1 MA.AII.DSP.3
Box-and-Whisker Plots	1 Day	7.2 MA.AII.DSP.3
Shapes of Distributions	1 Day	7.3 MA.AII.DSP.3
Quiz	0.5 Day	
Two-Way Tables	1.5 Days	7.4 MA.AI.DS.5
Choosing a Data Display	1 Day	7.5 MA.AI.DS.6
Additional Topic: Analyzing Misleading Graphs	1 Day	MA.AI.DS.6
Chapter Review/Chapter Tests	2 Days	

1st 6 week total

10 Days

Chapter 8 Basics of Geometry	8 Days	Standard
Chapter Opener/Mathematical Practices	0.5 Day	
Points, Lines, and Planes	0.5 Day	8.1 MA.G.LP.1, MA.G.LP.2, MA.G.PL.1, MA.G.PL.2
Additional Topic: Intersections of Geometric Figures	0.5 Day	MA.G.PL.2
Measuring and Constructing Segments	0.5 Day	8.2 MA.G.LP.1, MA.G.LP.2, MA.G.PL.5
Using Midpoint and Distance Formula	1 Day	8.3 MA.G.PL.5, MA.G.T.8
Quiz	0.5 Day	
Perimeter and Area in the Coordinate Plane	0.5 Day	8.4 MA.G.T.8
Measuring and Constructing Angles	1 Day	8.5 MA.G.LP.1, MA.G.LP.2, MA.G.PL.5
Describing Pairs of Angles	1 Day	8.6 MA.G.LP.1, MA.G.LP.2
Chapter Review/Chapter Tests	2 Days	

1st 6 week total

18 Days

Chapter 9 Reasoning and Proofs	9 Days	Standard
Chapter Opener/Mathematical Practices	0.5 Day	
Conditional Statements	1.5 Days	9.1 MA.G.LP.1, MA.G.LP.3
Inductive and Deductive Reasoning	1 Day	9.2 MA.G.LP.1
Postulates and Diagrams	1 Day	9.3 MA.G.PL.1
Quiz	0.5 Day	
Proving Statements about Segments and Angles	1.5 Days	9.4 MA.G.LP.4, MA.G.PL.3
Proving Geometric Relationships	1 Day	9.5 MA.G.LP.1, MA.G.LP.4, MA.G.PL.3
Chapter Review/Chapter Tests	2 Days	
1st 6 week total	27 Days	

Chapter 10 Parallel and Perpendicular Lines	8 Days	Standard
Chapter Opener/Mathematical Practices	0.5 Day	
Pairs of Lines and Angles	0.5 Day	10.1 MA.G.LP.2
Parallel Lines and Transversals	1 Day	10.2 MA.G.PL.3
Proofs with Parallel Lines	1 Day	10.3 MA.G.PL.3, MA.G.PL.5
Quiz	0.5 Day	
Proofs with Perpendicular Lines	1.5 Days	10.4 MA.G.PL.3, MA.G.PL.5
Using Parallel and Perpendicular Lines	1 Day	10.5 MA.G.PL.4
Chapter Review/Chapter Tests	2 Days	
2nd 6 week total	8 Days	

Chapter 11 Transformations	8 Days	Standard
Chapter Opener/Mathematical Practices	0.5 Day	
Translations	1.5 Days	11.1 MA.G.PL.3, MA.G.TR.1
Reflections	1 Day	11.2 MA.G.QP.4, MA.G.TR.1, MA.G.TS.6
Quiz	0.5 Day	
Rotations	1.5 Days	11.3 MA.G.QP.4, MA.G.TR.1
Congruence and Transformations	1 Day	11.4 MA.G.PL.5, MA.G.T.3, MA.G.TR.1
Chapter Review/Chapter Tests	2 Days	
2nd 6 week total	16 Days	

Chapter 12 Congruent Triangles (12 Days)	12 Days	Standard
Chapter Opener/Mathematical Practices	0.5 Day	
Angles of Triangles	1.5 Days	12.1 MA.G.QP.3, MA.G.T.1

Congruent Polygons	1 Day	12.2	MA.G.T.2, MA.G.T.5
Proving Triangle Congruence by SAS	1 Day	12.3	MA.G.T.2, MA.G.T.3, MA.G.T.5
Equilateral and Isosceles Triangles	1 Day	12.4	MA.G.T.1, MA.G.T.5
Quiz	0.5 Day		
Proving Triangle Congruence by SSS	1.5 Days	12.5	MA.G.T.2, MA.G.T.3, MA.G.T.5, MA.G.TS.6
Proving Triangle Congruence by ASA and AAS	1 Day	12.6	MA.G.T.2, MA.G.T.3, MA.G.T.5
Using Congruent Triangles	1 Day	12.7	MA.G.T.1, MA.G.T.2, MA.G.T.5
Coordinate Proofs	1 Day	12.8	MA.G.LP.4
Chapter Review/Chapter Tests	2 Days		

2nd 6 week total

28 Days