

# Algebraic Reasoning Possible Pacing Guide

*45-minute class periods*

## **Chapter 1: Algebraic Patterns**

Estimated Timing: 25 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 1.1	Section 1.1	Section 1.2	Section 1.2	Section 1.3
Day 6	Day 7	Day 8	Day 9	Day 10
Section 1.3	Section 1.4	Section 1.4	Section 1.4	Section 1.5
Day 11	Day 12	Day 13	Day 14	Day 15
Section 1.5	Mid-Chapter Review	Mid-Chapter Test	Section 1.6	Section 1.6
Day 16	Day 17	Day 18	Day 19	Day 20
Section 1.6	Section 1.7	Section 1.7	Section 1.8	Section 1.8
Day 21	Day 22	Day 23	Day 24	Day 25
Section 1.8	Section 1.9	Section 1.9	Chapter Review	Chapter Test

## **Chapter 2: Analyzing Functions**

Estimated Timing: 18 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 2.1	Section 2.1	Section 2.2	Section 2.2	Section 2.3
Day 6	Day 7	Day 8	Day 9	Day 10
Section 2.3	Section 2.4	Section 2.4	Mid-chapter Review	Mid-chapter Test
Day 11	Day 12	Day 13	Day 14	Day 15
Section 2.5	Section 2.5	Section 2.6	Section 2.6	Section 2.7
Day 16	Day 17	Day 18		
Section 2.7	Chapter Review	Chapter Test		

## **Chapter 3: Inverses of Functions**

Estimated Timing: 17 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 3.1	Section 3.1	Section 3.1	Section 3.2	Section 3.2

Day 6	Day 7	Day 8	Day 9	Day 10
Section 3.3	Section 3.3	Mid-Chapter Review	Mid-chapter Test	Section 3.4
Day 11	Day 12	Day 13	Day 14	Day 15
Section 3.4	Section 3.5	Section 3.5	Section 3.6	Section 3.6
Day 16	Day 17			
Chapter Review	Chapter Test			

## **Chapter 4: Function Operations**

Estimated Timing: 17 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 4.1	Section 4.1/4.2	Section 4.2	Section 4.3	Section 4.4
Day 6	Day 7	Day 8	Day 9	Day 10
Section 4.4	Mid-Chapter Review	Mid-Chapter Test	Section 4.5	Section 4.5
Day 11	Day 12	Day 13	Day 14	Day 15
Section 4.6	Section 4.6	Section 4.7	Section 4.7	Section 4.8
Day 16	Day 17			
Chapter Review	Chapter Test			

## **Chapter 5: Function Operations**

Estimated Timing: 28 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 5.1	Section 5.1	Section 5.2	Section 5.2	Section 5.3
Day 6	Day 7	Day 8	Day 9	Day 10
Section 5.3	Section 5.3	Section 5.4	Section 5.4	Mid-Chapter Review
Day 11	Day 12	Day 13	Day 14	Day 15
Mid-Chapter Test	Section 5.6	Section 5.6	Section 5.6	Section 5.7
Day 16	Day 17	Day 18	Day 19	Day 20
Section 5.7	Section 5.7	Section 5.8	Section 5.8	Section 5.9
Day 21	Day 22	Day 23	Day 24	Day 25
Section 5.9	Section 5.9	Section 5.10	Section 5.10	Section 5.10

Day 26	Day 27	Day 28		
Chapter Review	Chapter Test			

## **Chapter 6: Matrices**

Estimated Timing: 15 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 6.1	Section 6.2	Section 6.2	Section 6.3	Section 6.3
Day 6	Day 7	Day 8	Day 9	Day 10
Mid-Chapter Review	Mid-Chapter Test	Section 6.4	Section 6.4	Section 6.5
Day 11	Day 12	Day 13	Day 14	Day 15
Section 6.5	Section 6.6	Section 6.6	Chapter Review	Chapter Test

## **Chapter 7: Solutions of Equations**

Estimated Timing: 12 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 7.1	Section 7.2	Section 7.3	Section 7.4	Mid-Chapter Review/Test
Day 6	Day 7	Day 8	Day 9	Day 10
Section 7.5	Section 7.6	Section 7.7	Section 7.8	Section 7.9
Day 11	Day 12			
Chapter Review	Chapter Test			

## **Chapter 8: Data Modeling**

Estimated Timing: 8 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 8.1	Section 8.2	Section 8.2	Section 8.3	Section 8.4
Day 6	Day 7	Day 8		
Section 8.5	Chapter Review	Chapter Test		

# Algebraic Reasoning Possible Pacing Guide

*90-minute class periods*

## **Chapter 1: Algebraic Patterns**

Estimated Timing: 13 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 1.1	Section 1.2	Section 1.2	Section 1.3	Section 1.4
Day 6	Day 7	Day 8	Day 9	Day 10
Section 1.5	Section 1.5	Mid-Chapter Review/Test	Section 1.6	Section 1.7
Day 11	Day 12	Day 13		
Section 1.8	Section 1.9	Chapter Review/Test		

## **Chapter 2: Analyzing Functions**

Estimated Timing: 9 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 2.1	Section 2.2	Section 2.3	Section 2.4	Mid-Chapter Review/Test
Day 6	Day 7	Day 8	Day 9	
Section 2.5	Section 2.6	Section 2.7	Chapter Review/Test	

## **Chapter 3: Inverses of Functions**

Estimated Timing: 8 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 3.1	Section 3.2	Section 3.3	Mid-Chapter Review/Test	Section 3.4
Day 6	Day 7	Day 8		
Section 3.5	Section 3.6	Chapter Review/Test		

## **Chapter 4: Function Operations**

Estimated Timing: 9 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 4.1/4.2	Section 4.3	Section 4.4	Mid-Chapter Review/Test	Section 4.5
Day 6	Day 7	Day 8	Day 9	
Section 4.6	Section 4.7	Section 4.8	Chapter Review/Test	

## **Chapter 5: Function Operations**

Estimated Timing: 14 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 5.1	Section 5.2	Section 5.3	Section 5.4	Section 5.5
Day 6	Day 7	Day 8	Day 9	Day 10
Mid-Chapter Review/Test	Section 5.6	Section 5.7	Section 5.7	Section 5.8
Day 11	Day 12	Day 13	Day 14	
Section 5.9	Section 5.10	Section 5.10	Chapter Review/Test	

## **Chapter 6: Matrices**

Estimated Timing: 8 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 6.1	Section 6.2	Section 6.3	Mid-Chapter Review/Test	Section 6.4
Day 6	Day 7	Day 8		
Section 6.5	Section 6.6	Chapter Review/Test		

## **Chapter 7: Solutions of Equations**

Estimated Timing: 7 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 7.1/7.2	Section 7.3/7.4	Mid-Chapter Review/Test	Section 7.5/7.6	Section 7.7/7.8
Day 6	Day 7	Day 8	Day 9	Day 10
Section 7.9	Chapter Review/Test			

## **Chapter 8: Data Modeling**

Estimated Timing: 5 days

Day 1	Day 2	Day 3	Day 4	Day 5
Section 8.1	Section 8.2	Section 8.3	Section 8.4/8.5	Chapter Review/Test