

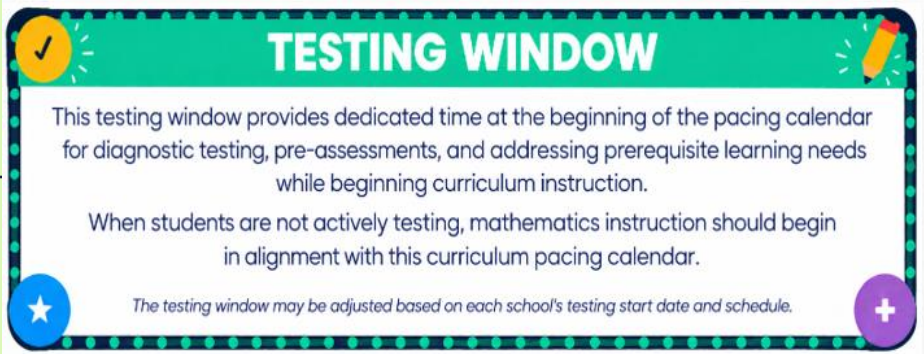
The background features a large, faint, circular seal of the Hempstead Union Free School District. The seal contains the text "HEMPSTEAD UNION FREE SCHOOL DISTRICT" around the perimeter and "1891" in the center. The text is in a serif font and is light brown in color.

Hempstead Union Free School District
7th Grade
2026–2027 School Year

September



2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	WEEKLY FOCUS
	1	2	3	4	<u>Instructional Protocols</u>
7 	8 	9 Testing Window	10 Testing Window	11 	
14 M1-Lesson 1: An Experiment with Ratios and Rates	15 M1-Lesson 2: Exploring Tables of Proportional Relationships	16 M1-Lesson 3: Identifying Proportional relationships In tables	17 M1-Lesson 4: Exploring Graphs of Proportional Relationships.	18 M1-Lesson 5: Analyzing Graphs of Proportional Relationships	
21 	22 M1-Lesson 6: Identifying Proportional Relationships in Written Descriptions	23 M1-Lesson 7: Handstand Sprint	24 M1-Lesson 8: Relating Representations of Proportional Relationships	25 	
28 M1-Lesson 9: Comparing Proportional Relationships	29 M1-Lesson 10: Applying Proportional Reasoning	30 M1-Lesson 11: Constant Rates	 TESTING WINDOW This testing window provides dedicated time at the beginning of the pacing calendar for diagnostic testing, pre-assessments, and addressing prerequisite learning needs while beginning curriculum instruction. When students are not actively testing, mathematics instruction should begin in alignment with this curriculum pacing calendar. <i>The testing window may be adjusted based on each school's testing start date and schedule.</i>		

October



2026

MONDAY

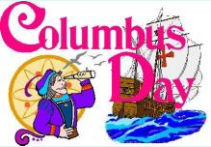
TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

			1 M1-Lesson 12: Multi-Step Ratio Problems, Part 1 •	2 M1-Lesson 13: Multi-Step Ratio Problems, Part 2 •	
5 M1-Lesson 14: Extreme Bicycles	6 M1-Lesson 15: Scale Drawings	7 M1-Lesson 16: Using a Scale Factor	8 M1-Lesson 17: Finding Actual Distances from a Scale Drawing	9 	
12 	13 M1-Lesson 18: Relating Areas of Scale Drawings	14 M1-Lesson 19: Scale and Scale Factor	15 M1-Lesson 20: Creating Multiple Scale Drawings	16 	
19 M2-Lesson 1: Combining Opposites	20 M2-Lesson 2: Adding Integers	21 M2-Lesson 3: Adding Integers Efficiently	22 M2-Lesson 4: KAKOOMA® Add integers to solve and create puzzles	23 	
26 M2-Lesson 5: Decomposing Rational Numbers to Make Addition More Efficient	27 M2-Lesson 6: Adding Rational Numbers	28 M2-Lesson 7: What Subtraction Means•	29 M2-Lesson 8: Subtracting Integers, Part 1	30 M2-Lesson 9: Subtracting Integers, Part 2	

November



2026

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

2 M2-Lesson 10: Subtracting Rational Numbers, Part 1	3  Election Day	4 M2-Lesson 11: Subtracting Rational Numbers, Part 2	5 M2-Lesson 12: The Integer Game	6 	
9 M2-Lesson 13: Understanding Multiples of Negative	10 M2-Lesson 14: Understanding the Product of Two Negative Numbers	11  Happy Veterans Day	12 M2-Lesson 15: Multiplying Rational Numbers	13 M2-Lesson 16: Exponential Expressions with Rational Numbers	
16 M2-Lesson 17: Understanding Negative Dividends	17 M2-Lesson 18: Understanding Negative Divisors.	18 M2-Lesson 19: Rational Numbers as Decimals, Part 1	19 	20 	
23 M2-Lesson 20: Rational Numbers as Decimals, Part 2	24 M2-Lesson 21: Comparing and Ordering Rational Numbers	25 	26 	27	
30					

December



2026

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

	1	2	3	4	
	Math Benchmark #1		M2-Lesson 22: Multiplication and Division Expressions		
7 M2-Lesson 23: Properties of Operations with Rational Numbers	8 M2-Lesson 24: Order of Operations with Rational Numbers	9 M2-Lesson 25: Writing and Evaluating Expressions with Rational Numbers, Part 1	10 M2-Lesson 26: Writing and Evaluating Expressions with Rational Numbers, Part 2	11 	
14 M3-Lesson 1: Equivalent Expressions	15 M3-Lesson 2: The Distributive Property and the Tabular Model	16 M3-Lesson 3: The Distributive Property and Combining Like Terms	17 M3-Lesson 4: Adding and Subtracting Expressions	18 	
21 M3-Lesson 5: Factoring Expressions	22 M3-Lesson 6: Comparing Expressions	23 	24 	25 	
28 	29 	30 	31 		

January



2027

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

				1 	
4 M3-Lesson 7: Angle Relationships and Unknown Angle Measures	5 M3-Lesson 8: Strategies to Determine Unknown Angle Measures	6 M3-Lesson 9: Solving Equations to Determine Unknown Angle Measures	7 M3-Lesson 10: Problem Solving with Unknown Angle Measures	8 M3-Lesson 11: Dominoes and Dominoes	
11 M3-Lesson 12: Solving Problems Algebraically and Arithmetically	12 M3-Lesson 13: Solving Equations—Puzzles	13 M3-Lesson 14: Solving Equations—Scavenger Hunt	14 M3-Lesson 15: Solving Equations Fluently	15 	
18 	19 M3-Lesson 16: Using Equations to Solve Rate Problems	20 M3-Lesson 17: Using Equations to Solve Problems	21 M3-Lesson 18: Understanding Inequalities and Their Solutions	22 M3-Lesson 19: Using Equations to Solve Inequalities	
25 M3-Lesson 20: Preserving and Reversing	26 M3-Lesson 21: Solving Two-Step Inequalities	27 M3-Lesson 22: Solving Problems Involving Inequalities	28 M3-Lesson 23: Inequalities vs. Equations	29 	

February



2027

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

1 WIDA Opens END OF MOD ASSESSMENT DATA REVIEW	2 M4-Lesson 1: Racing for Percents	3  PARENT-TEACHER CONFERENCES ½ DAY	4 M4-Lesson 2: Percent as a Rate per 100	5 M4-Lesson 3: Proportion and Percent	
Tentative Simulation Window					
8 M4-Lesson 4: Common Denominators or Common Numerators	9 M4-Lesson 5: Finding Commission	10 M4-Lesson 6: Finding Discounts	11 M4-Lesson 7: Determining Fees	12 	
15	16	17	18	19	
					
22 M4-Lesson 8: Tax as a Fee	23 M4-Lesson 9: Percent Increase	24 M4-Lesson 10: Percent Decrease	25 M4-Lesson 11: More Discounts	26 M4-Lesson 12: What Is the Best Deal?	

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

1 M4-Lesson 13: Scale Factor—Percent Increase and Decrease	2 M4-Lesson 14: Tips and Taxes	3 M4-Lesson 15: Markups and Discounts	4 M4-Lesson 16: Simple Interest and Proportionality	5 	
8 Math Benchmark # 2	9	10 M4-Lesson 17: Simple Interest—Solving for Unknown Values.	11 M4-Lesson 18: Applying Percent Error.	12 M4-Lesson 19: Making Money, Day 1	
15 M4-Lesson 20: Making Money, Day 2	16 M4-Lesson 21: Making Mixtures	17 M4-Lesson 22: Percents of Percents	18 M4-Lesson 23: Counting Problems	19 	
22 	23 M5-Lesson 1: Probability Revisited	24 M5-Lesson 2: Multistage Experiments	25  (SCHOOL CLOSED)	26 	
29 M5-Lesson 3: Probability Simulations	30 M5-Lesson 4: Simulations with Random Number Tables.	31 M5-Lesson 5: Using the Interquartile Range to Describe Variability			

April



2027

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

			1 M5-Lesson 6: Using a Box Plot to Summarize a Distribution	2 	
5 M5-Lesson 7: More Practice with Box Plots	6 M5-Lesson 8: Interpreting Box Plots	7 M5-Lesson 9: Comparing Samples	8 M5-Lesson 10: Comparing Sample Means	9 	
12 MOCK Math Exam	13	14 	15 	16 	
19	20	21	22	23	
ELA NYS Assessment					
26	27	28	29	30	
READY, SET... SPRING BREAK!					

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

3 M6-Lesson 1: Sketching, Drawing, and Constructing Geometric Figures	4 Grade 7 Math NYS Assessment	5	6  PARENT-TEACHER CONFERENCES ½ DAY	7 M6-Lesson 2: Constructing Parallelograms and Other Quadrilaterals	
10 M6-Lesson 3: Side Lengths of a Triangle	11 M6-Lesson 4: Angles of a Triangle	12 M6-Lesson 5: Constructing Quadrilaterals and Triangles	13 M6-Lesson 6: Unique Triangles	14  magma Check-In Math Discourse	(Grade 8) iReady Lesson 15: Understand Systems of Equations Extension Standard 8EE8
17 M6-Lesson 7: Two Angles and One Side	18 M6-Lesson 8: Two Sides and One Angle.	19 M6-Lesson 9: Constructing a Circle	20 M6-Lesson 10: The Outside of a Circle•	21 M6-Lesson 11: The Inside of a Circle	(Grade 8) iReady Lesson 16: Solve Systems of Equations Algebraically Extension Standard 8EE8
24 M6-Lesson 12: Exploring the Area and Circumference of a Circle	25 M6-Lesson 13: Finding Areas of Circular Regions	26 M6-Lesson 14: Composite Figures with Circular Regions	27  magma Check-In Math Discourse	28  SNOW DAY (SCHOOL CLOSED)	(Grade 8) iReady Lesson 17: Solve Problems Using Systems of Equations Extension Standard 8EE8
31  MEMORIAL DAY Bravos and Heroes					

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2027

MONDAY

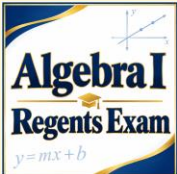
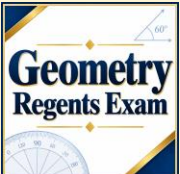
TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

	1 M6-Lesson 15: Watering a Lawn	2 M6-Lesson 16: Solving Area Problems by Composition and Decomposition	3 M6-Lesson 17: Surface Area of Right Rectangular and Right Triangular Prisms	4 M6-Lesson 18: Surface Area of Right Prisms	(Grade 8) iReady Lesson 21: Understand Angle Relationships Extension Standard 8G5
7 M6-Lesson 19: Surface Area of Cylinders (Optional)	8 M6-Lesson 20: Surface Area of Right Pyramids	9 M6-Lesson 21: Surface Area of Other Solids	10 M6-Lesson 22: Understanding Planes and Cross Sections	11 	(Grade 8) iReady Lesson 23: Understand the Pythagorean Theorem Extension Standard 8G6
14 M6-Lesson 23: Cross Section Scavenger Hunt (Optional)	15 M6-Lesson 24: Volume of Prisms	16 	17 M6-Lesson 25: Volume of Composite Solids	18 	(Grade 8) iReady Lesson 26: Understand Volume of Cylinders, Cones, and Spheres Extension Standard 8G9
21 M6-Lesson 26: Designing a Fish Tank	22 	23 	24 	25 	
28	29	30			

Grade 7

Domain	Cluster	Standard(s)	Post Standard
Ratios and Proportional Relationships	<i>Analyze proportional relationships and use them to solve real-world and mathematical problems.</i>	NY-7.RP.1	
		NY-7.RP.2a, 2b, 2c, 2d	
		NY-7.RP.3	
The Number System	<i>Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.</i>	NY-7.NS.1a, 1b, 1c, 1d	
		NY-7.NS.2a, 2b, 2c, 2d	
		NY-7.NS.3	
Expressions, Equations, and Inequalities	<i>Use properties of operations to generate equivalent expressions.</i>	NY-7.EE.1	
		NY-7.EE.2	
	<i>Solve real-life and mathematical problems using numerical and algebraic expressions, equations, and inequalities.</i>	NY-7.EE.3	
		NY-7.EE.4a (Fluency), 4b	
Geometry	<i>Draw, construct, and describe geometrical figures and describe the relationships between them.</i>	NY-7.G.1	
		NY-7.G.2	X
		NY-7.G.3	X
	<i>Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.</i>	NY-7.G.4	X
		NY-7.G.5	X
		NY-7.G.6	X
Statistics and Probability	<i>Draw informal comparative inferences about two populations.</i>	NY-7.SP.1	
		NY-7.SP.3	
		NY-7.SP.4	
	<i>Investigate chance processes and develop, use, and evaluate probability models.</i>	NY-7.SP.8a, 8b, 8c	

X = Standards designated for instruction in May-to-June

Standard for Mathematical Practice	Student Friendly Language
1. Make sense of problems and persevere in solving them. 	I can try many times to understand and solve a math problem.
2. Reason abstractly and quantitatively. 	I can think about the math problem in my head, first.
3. Construct viable arguments and critique the reasoning of others. 	I can make a plan, called a strategy, to solve the problem and discuss other students' strategies too.
4. Model with mathematics. 	I can use math symbols and numbers to solve the problem.
5. Use appropriate tools strategically. 	I can use math tools, pictures, drawings, and objects to solve the problem.
6. Attend to precision. 	I can check to see if my strategy and calculations are correct.
7. Look for and make use of structure. 	I can use what I already know about math to solve the problem.
8. Look for and express regularity in repeated reasoning. 	I can use a strategy that I used to solve another math problem.

Next-Generation Math Practice Standards

Parent Resources

[Module 1](#)

[Module 2](#)

[Module 3](#)

[Module 4](#)

[Module 5](#)

[Module 6](#)

Recursos para Padres

[Módulo 1](#)

[Módulo 2](#)

[Módulo 3](#)

[Módulo 4](#)

[Módulo 5](#)

[Módulo 6](#)