

The background of the slide features a large, faint, circular seal. The seal contains the text "HEMPSTEAD UNION FREE SCHOOL DISTRICT" around the top inner edge and "EXCELLENCE IN EDUCATION" around the bottom inner edge. In the center of the seal is a large, stylized letter "H".

Hempstead Union Free School District
6th Grade
2026–2027 School Year

September



2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	WEEKLY FOCUS
	1	2	3	4	Instructional Protocols
7	8	9	10	11	
		Testing Window	Testing Window		
14	15	16	17	18	
M1-Lesson 1: Use multiplicative reasoning to estimate the solution to a real-world problem	M1-Lesson 2: Write ratios that relate two quantities as an ordered pair of numbers. Use ratio language to compare two quantities.	M1-Lesson 3: Write multiple ratios to describe the same situation. Represent ratios with tape diagrams	M1-Lesson 4: Create ratios by making batches of different quantities. Use tape diagrams to determine unknown quantities in ratios	M1-Lesson 5: Find equivalent ratios by multiplying both numbers in a given ratio by the same nonzero number. Use equivalent ratios to find unknown quantities.	
21	22	23	24	25	
	M1-Lesson 6: Represent equivalent ratios by using ratio tables and double number lines. Use representations of ratio relationships to solve problems.	M1-Lesson 7: Plot points in the coordinate plane that each represent a ratio. Identify characteristics of graphs, tables, and double number lines representing ratio relationships.	M1-Lesson 8: Use addition patterns in tables and graphs of equivalent ratios to describe ratio relationships and find unknown quantities		
28	29	30	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

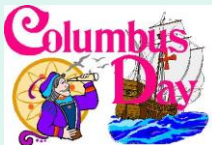
TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

			1 M1-Lesson 12: Compare ratio relationships by using graphs, tables, and double number line	2 M1-Lesson 13: Compare ratio relationships by using ratio table	
5 M1-Lesson 14: Compare ratio relationships by creating equivalent ratios.	6 M1-Lesson 15: Compare ratio relationships by using the value of the ratio.	7 M1-Lesson 16: Find distance and time corresponding to a given speed. Identify real-world examples of rates and interpret their meanings in context	8 M1-Lesson 17: Identify rates and unit rates. Calculate one quantity when given another quantity and a constant rate.	9  M1-Lesson 18: Compare rates with like units of measurement by using unit rate.	
12 	13 M1-Lesson 19: Convert units of measurement by applying rate reasoning.	14 M1-Lesson 20: Apply rate reasoning to solve real-world ratio problems involving speed, unit pricing, and unit conversions. Find an unknown quantity when given a rate and a known quantity.	15 M1-Lesson 21: Count sets in circular configurations and match to a numeral.	16 M1-Lesson 22: Count sets in scattered configurations and match to a numeral.	
19 M1-Lesson 23: Calculate a percent when given a part and the whole. Discover that if multiple parts make a whole, then the percent representing each of the parts should total 100	20 M1-Lesson 24: Calculate a part when given the whole and a percent	21 M1-Lesson 25: Calculate the whole when given a part and a percent	22 M1-Lesson 26: Solve multi-step percent problems.	23  	
26 M2-Lesson 1: Use visual models to determine common factors and common multiples of pairs of numbers	27 M2-Lesson 2: Determine whether numbers are divisible by other numbers.	28 M2-Lesson 3: Determine the greatest common factor of two whole numbers less than or equal to 100.	29 M2-Lesson 4: Find the least common multiple of two whole numbers less than or equal to 12.	30 M2-Lesson 5: Find the greatest common factor of large numbers by using the Euclidean algorithm. Find the least common multiple of large numbers by using the greatest common factor.	

November



2026

MONDAY

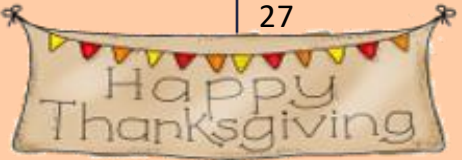
TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

2 M2-Lesson 6: Divide a whole number by a fraction by using tape diagrams and reasoning about division.	3  Election Day	4 M2-Lesson 7: Divide a fraction by a whole number. Divide a mixed number by a whole number	5 M2-Lesson 8: Divide a fraction by a fraction by using a common denominator. Divide a mixed number by a fraction by using a common denominator	6  M2-Lesson 9: Use a tape diagram to divide a fraction by a fraction. Relate division of a fraction by a fraction to an unknown factor problem.	
9 M2-Lesson 10: Use the invert and multiply strategy to divide a fraction by a fraction	10 M2-Lesson 11: Solve real-world problems by dividing fractions and mixed numbers	11  Veterans Day	12 M2-Lesson 12: Add, subtract, multiply, and divide fractions and mixed numbers to solve real-world problems.	13 M2-Lesson 13: Add and subtract decimals by using the standard algorithms for each operation.	
16 M2-Lesson 14: Recognize and apply patterns in factors when multiplying whole numbers and decimals.	17 M2-Lesson 15: Multiply decimals by using the standard algorithm	18  PARENT-TEACHER CONFERENCES 1/2 DAY	19 M2-Lesson 16: Create a model of a building and use decimal operations to calculate cost, revenue, and profit or loss.	20  M2-Lesson 17: Divide multi-digit whole numbers by using the partial quotients method, and express quotients as mixed numbers.	
23 M2-Lesson 18: Divide multi-digit whole numbers by using the standard algorithm.	24 M2-Lesson 19: Divide multi-digit whole numbers by using the standard algorithm, and express quotients as decimals.	25  EVACUATION DRILL 1/2 DAY	26  Happy Thanksgiving	27	
30 M2-Lesson 20: Create and solve real-world division problems					

December



2026

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

	1	2	3	4	
	Math Benchmark #1		M2-Lesson 21: Divide a decimal by a multi-digit whole number by using the standard division algorithm.	 M2-Lesson 22: Divide a decimal by a decimal greater than 1 by using the standard algorithm.	
7 M2-Lesson 23: Divide a decimal by a decimal less than 1 by using the standard algorithm. Solve real-world problems by dividing a decimal by a decimal.	8 M2 - Lesson 24: Solve real-world problems by performing operations with decimals	9 	10 M3-Lesson 1: Represent quantities in real-world situations by using positive and negative numbers. Plot positive numbers, negative numbers, and 0 on horizontal and vertical number lines.	11 M3-Lesson 2: Plot integers and their opposites on horizontal and vertical number lines and identify 0 as its own opposite. Identify the opposite of the opposite of a number.	
14 M3-Lesson 3: Plot rational numbers on horizontal and vertical number lines. Identify the locations of rational numbers plotted on horizontal and vertical number lines.	15 M3-Lesson 4: Represent opposite quantities in real-world situations by using rational numbers	16 M3-Lesson 5: Write and interpret statements of comparison about rational numbers. Compare rational numbers in real-world situations.	17 M3-Lesson 6: Order rational numbers. Write, interpret, and explain statements of order for rational numbers in real-world situations.	18  M3-Lesson 7: Determine the absolute values of rational numbers.	
21 M3-Lesson 8: Explain the relationship between the order of rational numbers and the order of their absolute values.	22 M3-Lesson 9: Distinguish between comparisons of absolute value and statements of order in real-world situations.	23 	24 	25 	
28 	29 	30 	31 		

January



2027

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

				1 	
4 M3-Lesson 10: Use ordered pairs to identify the locations of points in the coordinate plane. Relate the signs of x- and y-coordinates to each of the four quadrants of the coordinate plane.	5 M3-Lesson 11: Use ordered pairs to plot points in the coordinate plane.	6 M3-Lesson 12: Graph points and their reflections in the coordinate plane.	7 M3-Lesson 13: Draw and label a coordinate plane, choosing a reasonable scale for a given set of points.	8 M3-Lesson 14: Create time graphs in the coordinate plane. Solve real-world problems by using time graphs.	
11 M3-Lesson 15: Find the lengths of horizontal and vertical line segments with rational number coordinates as endpoints in the coordinate plane by counting the number of units between endpoints and by using absolute value.	12 M3-Lesson 16: Graph geometric figures in all four quadrants of the coordinate plane. Use distance and symmetry to solve geometric problems in the coordinate plane.	13 M3-Lesson 17: Solve geometric and real-world problems by using the coordinate plane.	14 	15  M4-Lesson 1: Evaluate expressions with addition and subtraction.	
18 	19 M4-Lesson 2: Evaluate expressions with multiplication and division.	20 M4-Lesson 3: Write numerical expressions by using exponential notation.	21 M4-Lesson 4: Evaluate numerical expressions written in exponential notation.	22 M4-Lesson 5: Identify the relationships between operations and apply those relationships when evaluating expressions	
25 M4-Lesson 6: Evaluate numerical expressions with exponents by using the conventional order of operations.	26 M4-Lesson 7: Write algebraic expressions to represent descriptions involving addition and subtraction. Write descriptions of algebraic expressions involving addition and subtraction.	27 M4-Lesson 8: Write algebraic expressions to represent descriptions involving addition, subtraction, multiplication, and division. Write descriptions of algebraic expressions involving addition, subtraction, multiplication, and division.	28 M4-Lesson 9: Define variables precisely. Write algebraic expressions involving addition and subtraction to represent real-world situations.	29  M4-Lesson 10: Write and interpret algebraic expressions involving multiplication and division that represent real-world situations.	

February



2027

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

1 WIDA Opens M4-Lesson 11: Write algebraic expressions with two terms to represent real-world situations involving addition and multiplication.	2 PARENT-TEACHER CONFERENCES ½ DAY	3 M4-Lesson 12: Write and identify equivalent algebraic expressions involving multiplication and division by using the properties of operations. Write algebraic expressions that represent real-world situations. Tentative Simulation Window	4 M4-Lesson 13: Use the distributive property to write the product of two factors as a sum or difference.	5 M4-Lesson 14: Use the distributive property to write a sum or difference as the product of two factors.	
8 M4-Lesson 15: Add and subtract like terms by using the distributive property. Write an algebraic expression that represents a geometric situation.	9 M4-Lesson 16: Write equivalent expressions by using the properties of operations and combining like terms. Write algebraic expressions that represent real-world situations.	10 M4-Lesson 17: Determine whether a number sentence is true. Determine whether a number is a solution to an equation by using substitution.	11 M4-Lesson 18: Represent solutions to inequalities on number lines. Identify whether a number is a solution to an inequality by using substitution.	12 M3-Lesson 19: Represent solutions to inequalities of the form $x \leq c$ or $x \geq c$ on number lines. Identify whether a number is a solution to an inequality of the form $x \leq c$ or $x \geq c$ by using substitution. Write inequalities to represent real-world situations.	
15	16	17	18	19	
22 M4-Lesson 20: Solve addition and subtraction equations by using tape diagrams and algebraic reasoning.	23 M4-Lesson 21: Solve multiplication and division equations by using tape diagrams and algebraic reasoning.	24 M4-Lesson 22: Solve problems by writing and solving equations.	25 M4-Lesson 23: Represent a ratio relationship with a table and a two-variable equation. Identify the independent and dependent variables in a real-world or mathematical situation.	26 M4-Lesson 25: Represent a real-world situation with a table and a graph. Analyze the relationship between the variables in a real-world situations.	

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

1 M4-Lesson 25: Represent a real-world situation with a table and a graph. Analyze the relationship between the variables in a real-world situation.	2 M4-Lesson 26: Use tables and graphs to estimate the solution to a real-world problem	3 	4 M5-Lesson 1: Compose parallelograms into rectangles to derive the formula for the area of a parallelogram. Compute the area of a parallelogram by using the formula $A = bh$.	5  M5-Lesson 2: Compose two identical right triangles into a rectangle to derive the formula for the area of a right triangle. Compute the area of a right triangle by using the formula $A = 1/2 bh$	
8	9	10 M5-Lesson 3: Compose two identical triangles into a parallelogram to derive the formula for the area of a triangle. Compute the area of any triangle by using the formula $A = 1/2 bh$	11 M5-Lesson 4: Use composition or decomposition to write equivalent expressions that represent the area of a triangle. Solve real-world and mathematical problems involving the areas of triangles.	12 M5-Lesson 5: Determine the perimeters of rectangles and polygons graphed in the coordinate plane. Determine the areas of parallelograms, rectangles, and polygons graphed in the coordinate plane	
15 M5-Lesson 6: Determine the areas of triangles graphed in the coordinate plane. Determine the areas of polygons composed of triangles and parallelograms graphed in the coordinate plane	16 M5-Lesson 7: Calculate the areas of trapezoids and other polygons by using composition and decomposition. Use composition or decomposition to write equivalent expressions for the areas of polygons.	17 M5-Lesson 8: Determine the areas of real-world composite figures. Solve problems in real-world situations involving rates and areas	18 M5-Lesson 9: Identify the shapes of the faces of right prisms and pyramids. Name parallel and perpendicular edges and faces of solids	19  M5-Lesson 10: Represent solids by using nets composed of triangles and rectangles.	
22 M5-Lesson 11: Draw and label nets for three-dimensional objects. Determine the surface area of a solid by using its net.	23 M5-Lesson 12: Determine the surface area of a solid. Develop the surface area formula for right rectangular prisms and use it to calculate surface area.	24 M5-Lesson 13: Solve real-world problems involving rates and surface area of right prisms and pyramids.	25 	26 	
29 M5-Lesson 14: Design different boxes for a product and calculate each box's surface area	30 M5-Lesson 15: Find the volumes of right rectangular prisms that have fractional edge lengths by packing with cubes that have fractional edge lengths.	31 M5-Lesson 16: Solve real-world and mathematical problems by applying the formulas $V = lwh$ and $V = bh$ to find volumes of right rectangular prisms with fractional edge lengths			

Math Benchmark # 2

April



2027

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

			1 M5-Lesson 17: Solve real-world and mathematical problems by applying ratio reasoning to find volumes of right rectangular prisms	2  M5-Lesson 18: Determine the volumes of solids composed of right rectangular prisms.	
5 M5-Lesson 19: Solve real-world problems that involve surface area and volume	6 	7	8 SKILL REVIEW 	9 SKILL REVIEW 	
12 SKILL REVIEW 	13 ELA NYS Assessment	14	15 SKILL REVIEW 	16 	
19 MOCK Math Exam	20	21 SKILL REVIEW 	22 SKILL REVIEW 	23  SNOW DAY (SCHOOL CLOSED)	
26 READY, SET... SPRING BREAK!	27	28	29	30	

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

3 3 & 4 Math NYS Assessment	4	5 	6 5 & 6 Math NYS Assessment	7	
10 M6-Lesson 1: Identify and write statistical questions. Identify the types of data that can be collected to answer a statistical question.	11 M6-Lesson 2: Given a dot plot, describe the center, spread and other characteristics of the data distribution.	12 M6-Lesson 3: Create a dot plot and describe a data distribution	13 M6-Lesson 4: Use a frequency table to construct a frequency histogram for a data distribution.	14 	(Grade 7) iReady Unit 5 Lesson 26: Box Plots Teacher Edition Slides Assessment Questions See the Progression Here Extension Standard 7SP1
17 M6-Lesson 5: Identify the differences between bar graphs and histograms. Construct relative frequency histograms.	18 M6-Lesson 6: Display data by using a dot plot or a histogram and describe the data distribution	19 M6-Lesson 7: Describe the center of a data distribution by using an equal share value called the mean. Connect the concept of equal shares with the mathematical formula for finding the mean.	20 M6-Lesson 8: Describe the center of a distribution by using the mean and interpret the mean as a balance point	21 M6-Lesson 9: Describe a data distribution by using the mean and variability. Recognize measurement variability and its causes.	(Grade 7) iReady Unit 5 Lesson 27: Use Mean and Mean Absolute Deviation to Compare Data Teacher Edition Slides Extension Standard 7SP3
24 M6-Lesson 10: Calculate and interpret the mean absolute deviation for a data distribution.	25 M6-Lesson 11: Use the mean and mean absolute deviation to describe a data distribution.	26 M6-Lesson 12: Calculate and interpret the median of a data distribution	27 	28  (SCHOOL CLOSED)	(Grade 7) iReady Unit 5 Lesson 28: Use Measures of Center and Variability to Compare Data Teacher Edition Slides Assessment Questions Extension Standard 7SP4
31 					



2027

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

WEEKLY FOCUS

	1 M6-Lesson 13: Find a number between 0 and 1 that represents the likelihood that an event will occur.	2 M6-Lesson 14: Calculate empirical probabilities by collecting data from a chance experiment	3 M6-Lesson 15: Determine the sample space for chance experiments. Given a description of a chance experiment and an event, determine for which outcomes in the sample space the event will occur.	4 M6-Lesson 16: Calculate theoretical probabilities of events for chance experiments that have equally likely outcomes.	(Grade 7) iReady Unit 5 Lesson 29: Probability of Compound Events Teacher Edition Slides Assessment Questions Extension Standard 7SP8
7 M6-Lesson 17: Calculate probabilities of events for chance experiments that do not have equally likely outcomes.	8 M6-Lesson 18: Use empirical probability to estimate theoretical probability. Compare probabilities from a theoretical model to observed relative frequencies	9 M6-Lesson 19: Use empirical probabilities to create a probability model	10 M6-Lesson 20: Distinguish populations and their characteristics from samples and their statistics.	11 	
14 M6-Lesson 21: Take a random sample from a population. Describe the importance of a random sample in drawing conclusions about a population	15 M6-Lesson 22: Observe the variability between different random samples taken from the same population.	16 M6-Lesson 23: Use data from a random sample to estimate a population mean. Describe sampling variability and observe that increasing the sample size decreases the sampling variability of the sample means.	17 	18 	
21 (Grade 7) iReady Unit 4 Lesson 23: Volume of Solids Teacher Edition Slides Assessment Questions Extension Standard 7G6	22 (Grade 7) iReady Unit 4 Lesson 23: Volume of Solids Teacher Edition Slides Assessment Questions Extension Standard 7G6	23 (Grade 7) iReady Unit 4 Lesson 23: Volume of Solids Teacher Edition Slides Assessment Questions Extension Standard 7G6	24 (Grade 7) iReady Unit 4 Lesson 23: Volume of Solids Teacher Edition Slides Assessment Questions Extension Standard 7G6	25 	
28	29	30			

Grade 6

Domain	Cluster	Standard(s)	Post-Test Standard
Ratios and Proportional Relationships	<i>Understand ratio concepts and use ratio reasoning to solve problems.</i>	NY-6.RP.1	
		NY-6.RP.2	
		NY-6.RP.3a, 3b, 3c, 3d	
The Number System	<i>Apply and extend previous understandings of multiplication and division to divide fractions by fractions.</i>	NY-6.NS.1	
	<i>Compute fluently with multi-digit numbers and find common factors and multiples.</i>	NY-6.NS.2 (Fluency)	
		NY-6.NS.3 (Fluency)	
		NY-6.NS.4	
	<i>Apply and extend previous understandings of numbers to the system of rational numbers.</i>	NY-6.NS.5	
		NY-6.NS.6a, 6b, 6c	
		NY-6.NS.7a, 7b, 7c, 7d	
		NY-6.NS.8	
Expressions, Equations, and Inequalities	<i>Apply and extend previous understandings of arithmetic to algebraic expressions.</i>	NY-6.EE.1	
		NY-6.EE.2a, 2b, 2c	
		NY-6.EE.3	
		NY-6.EE.4	
	<i>Reason about and solve one-variable equations and inequalities.</i>	NY-6.EE.5	
		NY-6.EE.6	
		NY-6.EE.7	
		NY-6.EE.8	
	<i>Represent and analyze quantitative relationships between dependent and independent variables.</i>	NY-6.EE.9	
Geometry	<i>Solve real-world and mathematical problems involving area, surface area, and volume.</i>	NY-6.G.1	
		NY-6.G.2	
		NY-6.G.3	
		NY-6.G.4	
		NY-6.G.5	
Statistics and Probability	<i>Develop understanding of statistical variability.</i>	NY-6.SP.1a, 1b, 1c	X
		NY-6.SP.2	X
		NY-6.SP.3	X
	<i>Summarize and describe distributions.</i>	NY-6.SP.4	X
		NY-6.SP.5a, 5b, 5c, 5d	X
	<i>Investigate chance processes and develop, use, and evaluate probability models.</i>	NY-6.SP.6	X
		NY-6.SP.7	X
		NY-6.SP.8a, 8b	X

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](#)