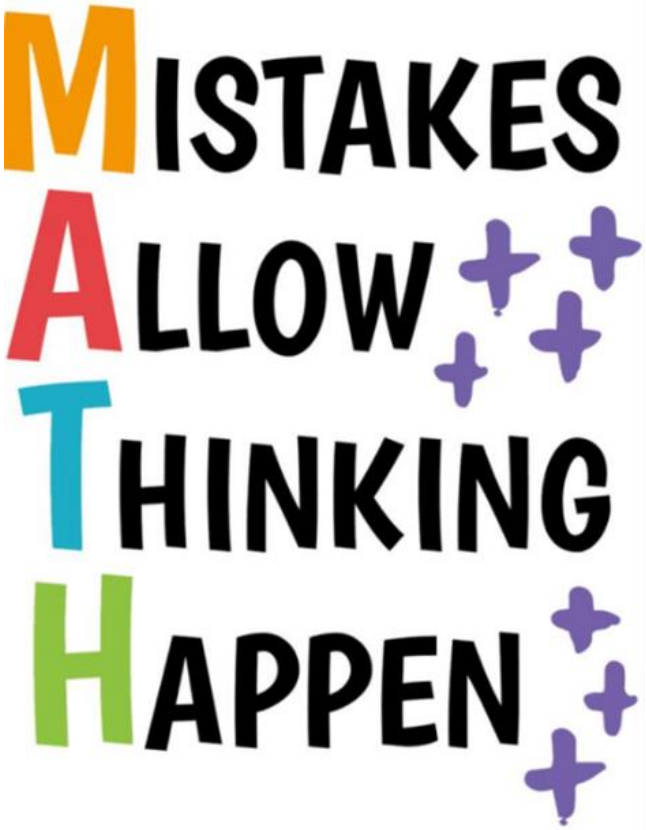
Hempstead Union Free School District
Grade 6
Mathematics Pacing Guides
2025–2026 School Year



Mission Statement

We value each student's voice and background, using their work to deepen understanding and guide instruction. By meeting learners where they are and embracing mistakes as thinking opportunities, we foster a culture of reflection, growth, and meaningful mathematical learning.

Vision Statement

We envision a learning community where students are equipped with the critical thinking, problem-solving, and adaptive skills needed to thrive in a world yet to be imagined. Through rigorous, relevant, and responsive math instruction, we prepare all learners to be college- and career-ready, confident in their ability to tackle future challenges with curiosity and resilience.

Effective Math Teaching Practices

Mathematics Teaching Practices
Establish mathematics goals to focus learning. Effective teaching of mathematics establishes clear goals for the mathematics that students are learning, situates goals within learning progressions, and uses the goals to guide instructional decisions.
Implement tasks that promote reasoning and problem solving. Effective teaching of mathematics engages students in solving and discussing tasks that promote mathematical reasoning and problem solving and allow multiple entry points and varied solution strategies.
Use and connect mathematical representations. Effective teaching of mathematics engages students in making connections among mathematical representations to deepen understanding of mathematics concepts and procedures and as tools for problem solving.
Facilitate meaningful mathematical discourse. Effective teaching of mathematics facilitates discourse among students to build shared understanding of mathematical ideas by analyzing and comparing student approaches and arguments.
Pose purposeful questions. Effective teaching of mathematics uses purposeful questions to assess and advance students' reasoning and sense making about important mathematical ideas and relationships.
Build procedural fluency from conceptual understanding. Effective teaching of mathematics builds fluency with procedures on a foundation of conceptual understanding so that students, over time, become skillful in using procedures flexibly as they solve contextual and mathematical problems.
Support productive struggle in learning mathematics. Effective teaching of mathematics consistently provides students, individually and collectively, with opportunities and supports to engage in productive struggle as they grapple with mathematical ideas and relationships.
Elicit and use evidence of student thinking. Effective teaching of mathematics uses evidence of student thinking to assess progress toward mathematical understanding and to adjust instruction continually in ways that support and extend learning.

NCTM

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September- Who We Are

2025

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
1 **No School Labor Day**	2 **First Day of School**	3 	4 	5 	Module 1 Parent Letter English Spanish
8 	9 	10 **Start Curriculum**	11 NY-6.RP.1, NY-6.RP.3a Module 1 Lesson 1	12 NY-6.RP.1, NY-6.RP.3a Module 1 Lesson 2	**Module 1 Suggested Tools**
15 NY-6.RP.1, NY-6.RP.3a Module 1 Lesson 3	16 NY-6.RP.1, NY-6.RP.3a Module 1 Lesson 4	17 NY-6.RP.1, NY-6.RP.3a Module 1 Lesson 5	18 NY-6.RP.1, NY-6.RP.3a Module 1 Lesson 6	19 NY-6.RP.1, NY-6.RP.3a Module 1 Lesson 7	
22 NY-6.RP.1, NY-6.RP.3a Module 1 Lesson 8	23 **No School Rosh Hashanah**	24 **No School Rosh Hashanah**	25 NY-6.RP.3a Module 1 Lesson 9	26 NY-6.RP.3a Module 1 Lesson 10	
29 NY-6.RP.3a Module 1 Lesson 11	30 NY-6.RP.3a Module 1 Lesson 12				

October- Who We Are

2025

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
		1 NY-6.RP.3a Module 1 Lesson13	2 **No School Yom Kippur**	3 NY-6.RP.3a Module 1 Lesson 14	**Module 1 Suggested Tools**
6 NY-6.RP.3a Module 1 Lesson 15	7 Mid-Module Assessment	8 NY-6.RP.2, NY-6.RP.3b, NY6.RP.3d Module 1 Lessons 16-17	9 Data Review of Mid-Module	10 NY-6.RP.2, NY-6.RP.3b, NY6.RP.3d Module 1 Lesson 18	
13 **No School Columbus Day**	14 NY-6.RP.2, NY-6.RP.3b, NY6.RP.3d Module 1 Lesson 19	15 NY-6.RP.2, NY-6.RP.3b, NY6.RP.3d Module 1 Lesson 20	16 NY-6.RP.2, NY-6.RP.3b, NY6.RP.3d Module 1 Lesson 21	17 NY-6.RP.2, NY-6.RP.3b, NY6.RP.3d Module 1 Lesson 22	
20 NY-6.RP.2, NY-6.RP.3b, NY6.RP.3d Module 1 Lesson 23	21 NY-6.RP.3c Module 1 Lesson 24	22 NY-6.RP.3c Module 1 Lesson 25	23 NY-6.RP.3c Module 1 Lesson 26	24 NY-6.RP.3c Module 1 Lesson 27	
27 NY-6.RP.3c Module 1 Lesson 29	28 End of Module Review	29 End of Module Assessment	30 6.NS.1 Module 2 Lesson 1	31 End of Module Assessment Review	Released Questions NY-6.RP.1- NY—6.RP.3d

November- Sharing the Planet 2025

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
					Module 2 Suggested Tools
3 6.NS.1 Module 2 Lesson 2	4 **Professional Development Day- ½ for Students**	5 **Benchmark**	6 **Benchmark Review**	7 6.NS.1 Module 2 Lesson 3	
10 6.NS.1 Module 2 Lesson 4	11 **No School Veteran's Day**	12 6.NS.1 Module 2 Lesson 5	13 6.NS.1 Module 2 Lesson 6	14 **Review**	
17 **Conference Day for Elementary ½ for Students**	18 6.NS.1 Module 2 Lesson 8	19 6.NS.3 Module 2 Lesson 9	20 6.NS.3 Module 2 Lesson 10	21 6.NS.3 Module 2 Lesson 11	
24 **Mid-Module Assessment Review**	25 **Mid-Module Assessment**	26 **½ day- District Wide Evacuation Drill**	27 **Closed for Thanksgiving Recess**	28 **Closed for Thanksgiving Recess**	

December - Sharing the Planet

2025

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
1 6.NS.2, 6.NS.3 Module 2 Lesson 12	2 6.NS.2, 6.NS.3 Module 2 Lesson 13	3 6.NS.2, 6.NS.3 Module 2 Lesson 14	4 6.NS.2, 6.NS.3 Module 2 Lesson 15	5 *6.NS.4 Module 2 Lesson 17	Module 2 Parent Letter English Spanish
8 6.NS.4 Module 2 Lesson 18	9 **Review for End of Module Assessment**	10 **End of Module Assessment**	11 6.NS.5, 6.NS.6 Module 3 Lesson 1	12 **End of Module Assessment Data Review**	
15 6.NS.5, 6.NS.6 Module 3 Lesson 2	16 6.NS.5, 6.NS.6 Module 3 Lesson 3	17 6.NS.5, 6.NS.6 Module 3 Lesson 4	18 6.NS.5, 6.NS.6 Module 3 Lesson 5	19 6.NS.5, 6.NS.6 Module 3 Lesson 6	**Module 3 Suggested Tools**
22 **No School Holiday Recess**	23 **No School Holiday Recess**	24 **No School Holiday Recess**	25 **No School Holiday Recess**	26 **No School Holiday Recess**	Module 3 Parent Letter English Spanish
29 **No School Holiday Recess**	30 **No School Holiday Recess**	31 **No School Holiday Recess**			

January- Where We Are in Place and Time 2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
		Module 3 Suggested Tools	1 **No School Holiday Recess**	2 **No School Holiday Recess**	Module 3 Parent Letter English Spanish Module 4 Parent Letter English Spanish
5 6.NS.6c, 6.NS.7 Module 3 Lesson 7	6 6.NS.6c, 6.NS.7 Module 3 Lesson 8	7 6.NS.6c, 6.NS.7 Module 3 Lesson 9	8 6.NS.6c, 6.NS.7 Module 3 Lesson 10	9 6.NS.6c, 6.NS.7 Module 3 Lesson 11	
12 6.NS.6c, 6.NS.7 Module 3 Lesson 12	13 6.NS.6c, 6.NS.7 Module 3 Lesson 13	14 6.NS.6, 6.NS.7c, 6.NS.8 Module 3 Lesson 14	15 **Review for Mid-Module Assessment**	16 **Mid-Module Assessment**	
19 **No School MLK Holiday**	20 **Mid-Module Assessment Data Review**	21 6.NS.6, 6.NS.7c, 6.NS.8 Module 3 Lesson 15	22 6.NS.6, 6.NS.7c, 6.NS.8 Module 3 Lesson 16	23 6.NS.6, 6.NS.7c, 6.NS.8 Module 3 Lesson 17	
26 6.NS.6, 6.NS.7c, 6.NS.8 Module 3 Lesson 18	27 6.NS.6, 6.NS.7c, 6.NS.8 Module 3 Lesson 19	28 **Review for End of Module Assessment**	29 **End of Module Assessment**	30 **End of Module Assessment Data Review**	

February- How We Organize Ourselves 2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
2 Conf. Day-Half Day for students	3 6.EE.3 Module 4 Lesson 1	4 6.EE.3 Module 4 Lesson 2	5 6.EE.3 Module 4 Lesson 3	6 6.EE.3 Module 4 Lesson 4	Module 4 Parent Letter English Spanish
9 6.EE.1, 6.EE.2c Module 4 Lesson 5-6	10 6.EE.2c, 6.EE.4 Module 4 Lesson 7	11 6.EE.2c, 6.EE.4 Module 4 Lesson 8	12 6.EE.2, 6.EE.3,6.EE.4 Module 4 Lesson 9	13 6.EE.2, 6.EE.3,6.EE.4 Module 4 Lesson 10	**Module 4 Suggested Tools**
16 **No School Winter Recess**	17 **No School Winter Recess** **(Lunar New Year)**	18 **No School Winter Recess**	19 **No School Winter Recess**	20 **No School Winter Recess**	
23 6.EE.2, 6.EE.3,6.EE.4 Module 4 Lesson 11	24 6.EE.2, 6.EE.3,6.EE.4 Module 4 Lesson 12	25 6.EE.2, 6.EE.3,6.EE.4 Module 4 Lesson 13	26 6.EE.2, 6.EE.3,6.EE.4 Module 4 Lesson 14	27 6.EE.1, 6.EE.2, *6.G.5 Module 4 Lesson 15 i-Ready Lesson 15 Illustrative Mathematics Lesson	

March- How The World Works

2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
2 6.EE.1, 6.EE.2 Module 4 Lesson 16	3 6.EE.1, 6.EE.2 Module 4 Lesson 17	4 6.EE.1, 6.EE.2 Module 4 Lesson 18	5 6.EE.1, 6.EE.2 Module 4 Lesson 19	6 6.EE.1, 6.EE.2 Module 4 Lesson 20	**Module 4 Suggested Tools**
9 6.EE.1, 6.EE.2 Module 4 Lesson 21	10 6.EE.1, 6.EE.2 Module 4 Lesson 22	11 **Benchmark**	12 **Benchmark Review**	13 6.EE.5, 6.EE.6, 6.EE.7 Module 4 Lesson 23	
16 6.EE.5, 6.EE.6, 6.EE.7 Module 4 Lesson 24	17 6.EE.5, 6.EE.6, 6.EE.7 Module 4 Lesson 25	18 6.EE.5, 6.EE.6, 6.EE.7 Module 4 Lesson 26	19 6.EE.5, 6.EE.6, 6.EE.7 Module 4 Lesson 27	20 6.EE.5, 6.EE.6, 6.EE.7 Module 4 Lesson 28	
23 6.EE.5, 6.EE.6, 6.EE.7 Module 4 Lesson 29	24 6.EE.5-9 Module 4 Lesson 30	25 6.EE.5-9 Module 4 Lesson 31	26 6.EE.5-9 Module 4 Lesson 32	27 6.EE.5-9 Module 4 Lesson 33	
30 6.EE.5-9 Module 4 Lesson 34	31 **Review for End of Module Assessment**				

April- How The World Works

2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
		1 **End of Module Assessment**	2 **First Snow Day (Otherwise school closed)**	3 **Spring Recess**	
6 **Spring Recess**	7 **Spring Recess**	8 **Spring Recess**	9 **Spring Recess**	10 **Spring Recess**	**Module 5 Suggested Tools**
13 6.G.1 Module 5 Lesson 1-2	14 **ELA NYS Assessment, Grades 3-6**	15 **ELA NYS Assessment, Grades 3-6**	16 Review as per class data Released NY-6.NS	17 Review as per class data Released NY-6.NS	
20 Review as per class data Released NY-6.NS	21 Review as per class data Released NY-6.NS	22 Review as per class data Released NY-6.NS	23 Review as per class data Released NY-6.NS	24 Review as per class data Released NY-6.NS	
27 Review as per class data Released NY-6.NS	28 **Math NYS Assessment, Grades 3-6**	29 **Math NYS Assessment, Grades 3-6**	30 6.G.1 Module 5 Lesson 3-4		

May- How We Express Ourselves 2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
4 6.G.1 Module 5 Lesson 3-4	5 **Conf. Day- Elem/ENL Half Day for students**	6 6.G.1 Module 5 Lesson 5-6	7 6.G.1 Module 5 Lesson 7-8	8 6.G.1, 6.G.3 Module 5 Lesson 9-10	**Module 5 Suggested Tools**
11 **NYSESLAT (Listening, reading, writing)** 6.G.1 Module 5 Lesson 11-12	12 **NYSESLAT (Listening, reading, writing)** NY-6.SP.1 Grade 6 Module 6 Lesson 1	13 **NYSESLAT (Listening, reading, writing)** NY-6.SP.1 Grade 6 Module 6 Lesson 2	14 **NYSESLAT (Listening, reading, writing)** NY-6.SP.1,2,4,5b) Grade 6 Module 6 Lesson 3	15 **NYSESLAT (Listening, reading, writing)** NY-6.SP.1 Grade 6 Module 6 Lesson 4	
18 **NYSESLAT (Listening, reading, writing)** NY-6.SP.1 Grade 6 Module 6 Lesson 5	19 **NYSESLAT (Listening, reading, writing)** NY-6.SP.2-5 Grade 6 Module 6 Lesson 6	20 **NYSESLAT (Listening, reading, writing)** NY-6.SP.2-5 Grade 6 Module 6 Lesson 7	21 **NYSESLAT (Listening, reading, writing)** NY-6.SP.2-5 Grade 6 Module 6 Lesson 8	22 **2nd Snow Day (otherwise school close)**	**Module 6 Suggested Tools**
25 **No School Memorial Day**	26 NY-6.SP.2-5 Grade 6 Module 6 Lesson 12	27 NY-6.SP.4,5 Grade 6 Module 6 Lesson 17	28 NY-6.SP.4,5 Grade 6 Module 6 Lesson 22	29 NY-6.SP.6 Grade 7 Module 5 Lesson 1	

June- How We Express Ourselves

2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
1 NY-6.SP.6 Grade 7 Module 5 Lesson 2	2 NY-6.SP.6 Grade 7 Module 5 Lesson 3	3 NY-6.SP.6 Grade 7 Module 5 Lesson 4	4 NY-6.SP.6 Grade 7 Module 5 Lesson 5	5 NY-6.SP.6 Grade 7 Module 5 Lesson 8	Module 5 Suggested Tools
8 NY-6.SP.6 Grade 7 Module 5 Lesson 9	9 NY-6.SP.6 Grade 7 Module 5 Lesson 12	10 NY-7.SP.8 iReady Lesson 33	11 NY-7.SP.8 iReady Lesson 33	12 NY-7.RP.1 – Iready Lesson 2	
15 NY-7.RP.1 – Iready Lesson 2	16 NY-7.RP.1 – Iready Lesson 3	17 NY-7.RP.1 – Iready Lesson 4	18 NY-7.RP.1 – Iready Lesson 5	19 **Closed for Juneteenth**	
22 NY-7.RP.1 – Iready Lesson 5	23 NY-7.RP.1 – Iready Lesson 7	24 NY-7.RP.1 – Iready Lesson 8	25 NY-7.RP.1 Iready Lesson 9	26 **Last Day of School (Early Dismissal)**	
29	30				

Grade 6

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

Next-Generation Math Practice Standards

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.

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