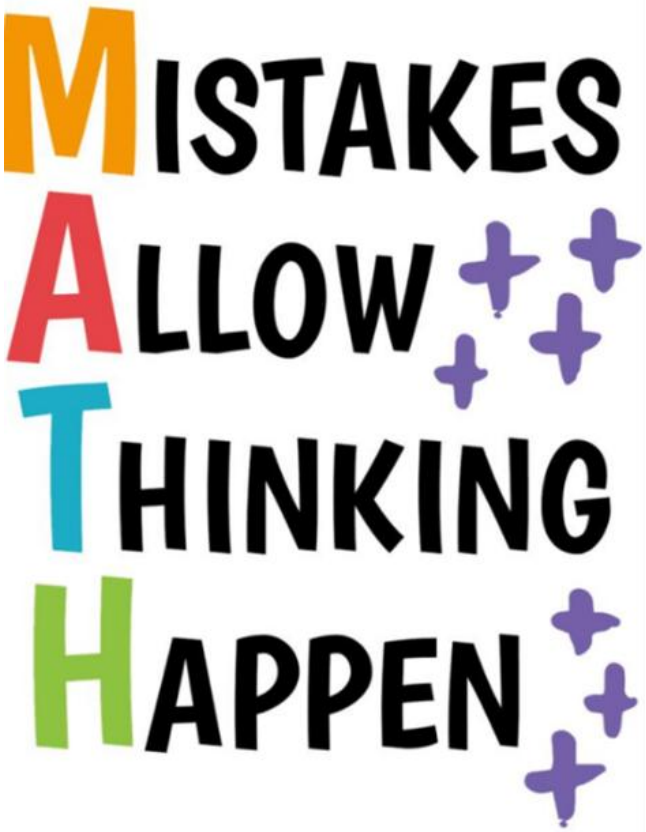
Hempstead Union Free School District
Grade 4
Mathematics Pacing Guides
2025–2026 School Year



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.

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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

September- How We Organize Ourselves

2025

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
1 **No School Labor Day**	2 **First Day of School**	3 **Review/ Diagnostic Testing**	4 **Review/ Diagnostic Testing**	5 **Review/ Diagnostic Testing**	**Module 1 Suggested Tools**
Review/ Diagnostic Testing	**Review/ Diagnostic Testing**	10 **Start Curriculum** NY-4.NBT.1, NY-4.NBT.2 Module 1 Lesson 1	11 NY-4.NBT.1, NY-4.NBT.2 Module 1 Lesson 2	12 NY-4.NBT.1, NY-4.NBT.2 Module 1 Lesson 3	
15 NY-4.NBT.1, NY4.NBT.2 Module 1 Lesson 4	16 NY-4.NBT.2 Module 1 Lesson 5	17 NY-4.NBT.2 Module 1 Lesson 6	18 NY-4.NBT.3 Module 1 Lesson 7	19 NY-4.NBT.3 Module 1 Lesson 8	
22 NY-4.NBT.3 Module 1 Lesson 9	23 **No School Rosh Hashana**	24 **No School Rosh Hashana**	25 NY-4.NBT.3 Module 1 Lesson 10	26 **Mid Module Assessment**	
29 NY-4.OA.3 NY-4.NBT.4 Module 1 Lesson 11	30 **Data Review**				

October- How We Organize Ourselves

2025

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
Module 1 Suggested Tools		1 NY-4.OA.3 NY-4.NBT.4 Module 1 Lesson 12	2 **No School Yom Kippur**	3 NY-4.OA.3 NY-4.NBT.4 Module 1 Lesson 13	
6 NY-4.OA.3 NY-4.NBT.4 Module 1 Lessons 14 and 15	7 NY-4.OA.3 NY-4.NBT.4 Module 1 Lesson 16	8 NY-4.OA.3 Module 1 Lesson 17	9 NY-4.OA.3 Module 1 Lesson 18	10 NY-4.OA.3 Module 1 Lesson 19	Module 3 Suggested Tools
13 **No School Columbus Day**	14 End of Module Assessment	15 NY-4.OA.1-3 Module 3 Lesson 1	16 **Data Review**	17 NY-4.OA.1-3 Module 3 Lesson 2	
20 NY-4.OA.1-3 Module 3 Lesson 3	21 NY-4.NBT.5 Module 3 Lesson 4	22 NY-4.NBT.5 Module 3 Lesson 5	23 NY-4.NBT.5 Module 3 Lesson 6	24 NY-4.OA.2, NY-4.NBT.1 Module 3 Lesson 7	
27 NY-4.OA.2, NY-4.NBT.1 Module 3 Lesson 8	28 NY-4.OA.2, NY-4.NBT.1 Module 3 Lesson 9	29 NY-4.OA.2, NY-4.NBT.1 Module 3 Lesson 10	30 NY-4.OA.2, NY-4.NBT.1 Module 3 Lesson 11	31 NY-4.OA.1-3 Module 3 Lesson 12	

November- Where We Are In Place & Time

2025

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
					Module 3 Suggested Tools
3 NY-4.OA.1-3 Module 3 Lesson 13	4 **Professional Development Day- ½ for Students**	5 **Mid Module Review**	6 **Benchmark/ Mid Module Assessment**	7 **Benchmark Data Analysis**	
10 NY-4.NBT.6 Module3Lesson 14	11 **No School Veteran's Day**	12 **Data Review**	13 4.NBT.6 Module 3 Lesson 15	14 4.NBT.6 Module 3 Lesson 16	
17 **½ Day- Elementary Parent Teacher Conferences**	18 4.NBT.6 Module 3 Lesson 17	19 4.NBT.6 Module 3 Lesson 18	20 4.NBT.6 Module 3 Lesson 19	21 4.O.4 Module 3 Lesson 20	
24 4.O.4 Module 3 Lesson 21	25 4.O.4 Module 3 Lesson 22	26 **½ Day- District Wide Evacuation Drill**	27 **No School Thanksgiving Recess**	28 **No School Thanksgiving Recess**	

December- How the World Works

2025

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
1 4.O.4 Module 3 Lesson 23	2 4.OA.3, 4.NBT.6 Module 3 Lesson 24	3 4.OA.3, 4.NBT.6 Module 3 Lesson 25	4 4.OA.3, 4.NBT.6 Module 3 Lesson 26	5 4.OA.3, 4.NBT.6 Module 3 Lesson 27	Module 3 Suggested Tools
8 4.OA.3, 4.NBT.6 Module 3 Lesson 28	9 4.OA.3, 4.NBT.6 Module 3 Lesson 29	10 4.OA.3, 4.NBT.6 Module 3 Lesson 30	11 4.OA.3, 4.NBT.6 Module 3 Lesson 31	12 4.NBT.5 Module 3 Lesson 32	
15 4.NBT.5 Module 3 Lesson 33	16 4.NBT.5 Module 3 Lesson 34	17 4.NBT.5 Module 3 Lesson 35	18 4.NBT.5 Module 3 Lesson 36	19 4.NBT.5 Module 3 Lesson 37	
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**	Holiday Recess
29 **No School Holiday Recess**	30 **No School Holiday Recess**	31 **No School Holiday Recess**			

January- How the World Works/How We Express Ourselves 2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
		1 **No School Holiday Recess**	2 **No School Holiday Recess**	3 4.NBT.5 Module 3 Lesson38	Module 4 Suggested Tools
5 4.NBT.5 Module 3 Review	6 End of Module Assessment	7 4.G.1 Module 4 Lesson 1	8 **Data Review**	9 4.G.1 Module 4 Lesson 2	
12 4.G.1 Module 4 Lesson 3	13 4.G.1 Module 4 Lesson 4	14 4.MD.5,6 Module 4 Lesson 5	15 4.MD.5,6 Module 4 Lesson 6	16 4.MD.5,6 Module 4 Lesson 7	
19 **No School MLK Holiday**	20 4.MD.5,6 Module 4 Lesson 8.	21 Mid Module Assessment	22 4.MD.7 Module 4 Lesson 9	23 **Data Review**	
26 4.MD.7 Module 4 Lesson 10	27 4.MD.7 Module 4 Lesson 11	28 4.G.1, 2, 3 Module 4 Lesson 12	29 4.G.1, 2, 3 Module 4 Lesson 13	30 4.G.1, 2, 3 Module 4 Lesson 14	

February- How We Express Ourselves

2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
2 **½ Day- Elementary Parent Teacher Conferences**	3 4.G.1, 2, 3 Module 4 Lesson 15	4 4.G.1, 2, 3 Module 4 Lesson 16	5 **End of Module Review**	6 **End of Module Assessment**	**Module 5 Suggested Tools**
9 **Data Review**	10 4.NF.3, 4 Module 5Lessons 1 , 2, 3 (combined)	11 4.NF.3, 4 Module 5 Lesson 5	12 4.NF.3, 4 Module 5 Lesson 6	13 4.NF.3, 4 Module 5 Lesson 7	
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 4.NF.3, 4 Module 5 Lesson 8	24 4.NF.1 Module 5 Lesson 9	25 4.NF.1 Module 5 Lesson 10	26 4.NF.1 Module 5 Lesson 11	27 4.NF.1 Module 5 Lesson 12	

March- Who We Are

2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
2 4.NF.1 Module 5 Lesson 13	3 4.NF.1 Module 5 Lesson 14	4 4.NF.2 Module 5 Lesson 15	5 4.NF.2 Module 5 Lesson 16	6 4.NF.2 Module 5 Lesson 17	Module 5 Suggested Tools
9 **Benchmark**	10 **Benchmark Data Analysis/ Review**	11 4.NF.3 Module 5 Lesson18	12 4.NF.3 Module 5 Lesson 19	13 4.NF.3 Module 5 Lesson 20	
16 4.NF.3 Module 5 Lesson 21	17 **Mid Module Review**	18 Mid Module Assessment	19 4.NF.3 Module 5 Lesson 22	20 **Data Review**	
23 4.NF.2, 3 and 4.MD.4 Module 5 Lesson 23	24 4.NF.2, 3 and 4.MD.4 Module 5 Lesson 24	25 4.NF.2, 3 and 4.MD.4 Module 5 Lesson 25	26 4.NF.2, 3 and 4.MD.4 Module 5 Lesson 26-27	27 4.NF.2, 3 and 4.MD.4 Module 5 Lesson 28-29	
30 4.NF.2, 3 and 4.MD.4 Module 5 Lesson 30-31	31 4.NF.3 and 4.MD.2 Module 5 Lesson 32-33				

April- Who We Are

2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
		1 4.NF.3 and 4.MD.2 Module 5 Lesson 34-35	2 **First Snow Day (Otherwise school closed)**	3 **Spring Recess**	Module 5 Suggested Tools
6 **Spring Recess**	7 **Spring Recess**	8 **Spring Recess**	9 **Spring Recess**	10 **Spring Recess**	
13 **ELA NYS Assessment Review**	14 **ELA NYS Assessment, Grades 3-6**	15 **ELA NYS Assessment, Grades 3-6**	16 4.NF.3 and 4.MD.2 Module 5 Lesson 36-37	17 4.NF.3 and 4.MD.2 Module 5 Lesson 38-39	
20 **End of Module Review**	21 End of Module Assessment	22 **Math NYS Assessment Review**	23 **Math NYS Assessment Review**	24 **Math NYS Assessment Review**	
27 **Math NYS Assessment Review**	28 **Math NYS Assessment, Grades 3-6**	29 **Math NYS Assessment, Grades 3-6**	30 **Data Review**		

May- Sharing the Planet

2026

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

June- Sharing the Planet

2026

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	NOTES
1 4.NF.5 Module 6 Lesson 16	2 4.NF.5 Module 6 Lesson 17	3 **End of Module Review**	4 **End of Module Assessment**	5 4.OA.1, 2 Module 7 Lesson 1	**Module 7 Suggested Tools**
8 4.OA.1, 2 Module 7 Lesson 2	9 **Data Review**	10 4.OA.1, 2 Module 7 Lesson 3	11 4.OA.1, 2 Module 7 Lesson 4	12 4.OA.1, 2 Module 7 Lesson 5	
15 4.OA.1, 2 Module 7 Lesson 6	16 4.OA.1, 2 Module 7 Lesson 7-8	17 4.OA.1, 2 Module 7 Lesson 9	18 4.OA.1, 2 Module 7 Lesson 10	19 **Closed for Juneteenth**	
22 4.OA.1, 2 Module 7 Lesson 11	23 **End of Module Review**	24 **End of Module Assessment**	25 **Data Review**	26 **Last Day of School (Early Dismissal)**	
29	30				

Grade 4

Domain	Cluster	Standard(s)	Post Standard
Operations and Algebraic Thinking	*Use the four operations with whole numbers to solve problems.*	NY-4.OA.1	
		NY-4.OA.2	
		NY-4.OA.3a, 3b	
	Gain familiarity with factors and multiples.	NY-4.OA.4	
	Generate and analyze patterns.	NY-4.OA.5	
Number and Operations in Base Ten	*Generalize place value understanding for multi-digit whole numbers.*	NY-4.NBT.1	
		NY-4.NBT.2a, 2b	
		NY-4.NBT.3	
	Use place value understanding and properties of operations to perform multi-digit arithmetic.	NY-4.NBT.4 (Fluency)	
		NY-4.NBT.5	
		NY-4.NBT.6	
Number and Operations—Fractions	*Extend understanding of fraction equivalence and ordering.*	NY-4.NF.1	
		NY-4.NF.2	
	Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.	NY-4.NF.3a, 3b, 3c, 3d	
		NY-4.NF.4a, 4b, 4c	
	Understand decimal notation for fractions, and compare decimal fractions.	NY-4.NF.5	X
		NY-4.NF.6	X
		NY-4.NF.7	X
Measurement and Data	*Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.*	NY-4.MD.1	X
		NY-4.MD.2a, 2b	X
		NY-4.MD.3	
	Represent and interpret data.	NY-4.MD.4	
	Geometric measurement: understand concepts of angle and measure angles.	NY-4.MD.5a, 5b	
		NY-4.MD.6	
		NY-4.MD.7	
Geometry	*Draw and identify lines and angles, and classify shapes by properties of their lines and angles.*	NY-4.G.1	
		NY-4.G.2a, 2b, 2c	
		NY-4.G.3	

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

Module 7

Recursos para Padres

Módulo 1

Módulo 2

Módulo 3

Módulo 4

Módulo 5

Módulo 6

Módulo 7