HEMPSTEAD PUBLIC SCHOOLS
A COMMITMENT TO EXCELLENCE
HPS

2024

7th Grade

DRAFT

EUREKA MATH²

PACING CALENDAR

2025

SY 2024–2025

Grade 7

PACING
CALENDAR

Benchmark Dates
B1: 10/29-10/31
B2: 1/21-1/23
B3: 3/25-3/27

September — 2024

SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT
1	**2**	**3** FIRST DAY OF SCHOOL	**4** IREADY	**5** IREADY	**6** BASELINE	**7**
8	**9** M1:Lesson 1: An Experiment with Ratios and Rates NY-7.RP.1, NY-7.RP.2a, MP8	**10** M1:Lesson 2: Exploring Tables of Proportional Relationships NY-7.RP.1, NY-7.RP.2a, NY-7.RP.2c, MP2	**11** M1:Lesson 3: Identifying Proportional Relationships in Tables NY-7.RP.1, NY-7.RP.2a, NY-7.RP.2c, MP8	**12** M1:Lesson 4: Exploring Graphs of Proportional Relationships. NY-7.RP.2a, NY-7.RP.2b, NY-7.RP.2d, MP8	**13** M1:Lesson 5: Analyzing Graphs of Proportional Relationships NY-7.RP.2a, NY-7.RP.2b, NY-7.RP.2d, MP2	**14**
15	**16** M1:Lesson 6: Identifying Proportional Relationships in Written Descriptions NY-7.RP.2a, NY-7.RP.2b, MP2, 7.Mod1.AD2, 7.Mod1.AD3	**17** M1:Lesson 7: Handstand Sprint Model a situation by using a proportional relationship to solve a problem. NY-7.RP.3, MP4, MP5	**18** M1:Lesson 8: Relating Representations of Proportional Relationships NY-7.RP.2b, NY-7.RP.2c, MP7	**19** M1:Lesson 9: Comparing Proportional Relationships NY-7.RP.2b, NY-7.RP.2d, MP7	**20** M1:Lesson 10: Applying Proportional Reasoning NY-7.RP.2c, NY-7.RP.3, MP2	**21**
22	**23** M1:Lesson 11: Constant Rates NY-7.RP.2b, NY-7.RP.2c, NY-7.RP.3, MP1	**24** M1:Lesson 12: Multi-Step Ratio Problems, Part 1 NY-7.RP.2b, NY-7.RP.2c, NY-7.RP.3, MP7	**25** M1:Lesson 13: Multi-Step Ratio Problems, Part 2 NY-7.RP.2b, NY-7.RP.2c, NY-7.RP.3, MP5	**26** M1:Lesson 14: Extreme Bicycles • Compare objects of different sizes by using proportional reasoning. NY-7.RP.2a, MP1, MP5	**27** M1:Lesson 15: Scale Drawings NY-7.G.1, MP7	**28**
29	**30** M1:Lesson 16: Using a Scale Factor. NY-7.RP.2b, NY-7.G.1, MP3					

NOTES

Module 1 Parent Letter
English
Spanish

October – How We Organize Ourselves

SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT
		1 M1:Lesson 17: Finding Actual Distances from a Scale . NY-7.G.1, MP6	**2** M1:Lesson 18: Relating Areas of Scale Drawings NY-7.RP.2b, NY-7.G.1, MP8	**3** ROSH HASHANNAH	**4** ROSH HASHANNAH	**5**
6	**7** M1:Lesson 19: Scale and Scale Factor NY-7.G.1, MP4	**8** M1:Lesson 20: Creating Multiple Scale Drawings NY-7.G.1, MP3	**9** REVIEW	**10** ASSESSMENT	**11** M2:Lesson 1: Combining Opposites NY-7.NS.1a, NY-7.NS.1b, MP8	**12**
13	**14** COLUMBUS DAY	**15** M2:Lesson 2: Adding Integers NY-7.NS.1b, MP8	**16** M2:Lesson 3: Adding Integers Efficiently NY-7.NS.1b, NY-7.NS.1c, MP8	**17** M2:Lesson 4: KAKOOMA NY-7.NS.1d, MP1	**18** M2:Lesson 5: Decomposing Rational Numbers to Make Addition More Efficient NY-7.NS.1b, NY-7.NS.1d, MP3	**19**
20	**21** M2:Lesson 6: Adding Rational Numbers NY-7.NS.1b, NY-7.NS.1d, MP5	**22** M2:**Topic B**: Subtracting Rational Numbers Lesson 7: What Subtraction Means NY-7.NS.1c, MP7	**23** M2:Lesson 8: Subtracting Integers, Part 1 NY-7.NS.1b, NY-7.NS.1c, MP2	**24** M2:Lesson 9: Subtracting Integers, Part 2 NY-7.NS.1c, NY-7.NS.1d, MP8	**25** M2:Lesson 10: Subtracting Rational Numbers, Part 1 NY-7.NS.1c, NY-7.NS.1d, MP7	**26**
27	**28** M2:Lesson 11: Subtracting Rational Numbers, Part 2 NY-7.NS.1c, NY-7.NS.1d, MP1	**29** M2:Lesson 12: The Integer Game NY-7.NS.1a, NY-7.NS.1d, MP6	**30** Benchmark 1	**31** M2:**Topic C**: Multiplying Rational Numbers Lesson 13: Understanding Multiples of Negative Numbers NY-7.NS.2a, NY-7.NS.2c, MP2		

NOTES

Module 1 Parent Letter
English
Spanish
Module 2 Parent Letter
English
Spanish

November — How We Organize Ourselves

2024

SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT
					1 M2:Lesson 14: Understanding the Product of Two Negative Numbers NY-7.NS.2a, NY-7.NS.2b, NY-7.NS.2c, MP3	**2**
3	**4** M2:Lesson 15: Multiplying Rational Numbers NY-7.NS.2a, NY-7.NS.2c, MP7	**5** **ELECTION DAY**	**6** M2:Lesson 16: Exponential Expressions with Rational Numbers NY-7.NS.2a, NY7.NS.2c, MP6	**7** M2:**Topic D**: Dividing Rational Numbers Lesson 17: Understanding Negative Dividends NY-7.NS.2c, MP7	**8** M2:Lesson 18: Understanding Negative Divisors NY-7.NS.2b, NY-7.NS.2c, MP7	**9**
10	**11** **VETERANS DAY**	**12** M2:Lesson 20: Rational Numbers as Decimals, Part 2 NY-7.NS.2d, MP8	**13** M2:Lesson 21: Comparing and Ordering Rational Numbers NY-7.NS.2a, NY-7.NS.2b, NY-7.NS.2d, MP5	**14** **½ DAY PTC**	**15** M2:Lesson 22: Multiplication and Division Expressions NY-7.NS.2c, MP7	**16**
17	**18** M2:**Topic E:** Numerical Expressions with Rational Numbers Lesson 23: Properties of Operations with Rational Numbers NY-7.NS.A, MP7	**19** M2:Lesson 24: Order of Operations with Rational Numbers NY-7.NS.A, NY-7.NS.2c, MP6	**20** M2:Lesson 25: Writing and Evaluating Expressions with Rational Numbers, Part 1 NY-7.NS.3, NY-7.EE.3, MP2	**21** M2:Lesson 26: Writing and Evaluating Expressions with Rational Numbers, Part 2 NY-7.NS.3, NY-7.EE.3, MP4	**22** **REVIEW**	**23**
24	**25** **ASSESSMENT**	**26** M3:**Topic A**: Equivalent Expressions Lesson 1: Equivalent Expressions NY-7.EE.1, MP3	**27** **½ DAY (EVACUATION DRILL)**	**28** **THANKSGIVING RECESS**	**29** **THANKSGIVING RECESS**	**30**

NOTES

Module 2 Parent Letter
English
Spanish
Module 3 Parent Letter
English
Spanish

December – Sharing the Planet

2024

SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT
1	**2** M3:Lesson 2: The Distributive Property and the Tabular Model NY-7.EE.1, NY-7.EE.2, MP3	**3** M3:Lesson 3: The Distributive Property and Combining Like Terms NY-7.EE.1, MP6	**4** M3:Lesson 4: Adding and Subtracting Expressions NY-7.EE.1, NY-7.EE.2, MP7	**5** M3:Lesson 5: Factoring Expressions NY-7.EE.1, NY-7.EE.2, MP2	**6** M3:Lesson 6: Comparing Expressions NY-7.EE.1, NY-7.EE.2, MP7	**7**
8	**9** M3:**Topic B**: Unknown Angle Measurements Lesson 7: Angle Relationships and Unknown Angle MeasuresNY-7.EE.4a, NY-7.G.5, MP5	**10** M3:Lesson 8: Strategies to Determine Unknown Angle Measures NY-7.EE.4a, NY-7.G.5, MP6	**11** M3:Lesson 9: Solving Equations to Determine Unknown Angle Measures NY-7.EE.2, NY-7.EE.3, MP7	**12** M3:Lesson 10: Problem Solving with Unknown Angle Measures NY-7.EE.3, NY-7.G.5, MP1	**13** M3:**Topic C:** Solving Equations Lesson 11: Dominoes and Dominoes NY-7.EE.3, NY-7.EE.4, MP1, MP4	**14**
15	**16** M3:Lesson 12: Solving Problems Algebraically and Arithmetically NY-7.EE.4, NY-7.EE.4a, MP2	**17** M3:Lesson 13: Solving Equations—Puzzles NY-7.EE.4, NY-7.EE.4a, MP7	**18** M3:Lesson 14: Solving Equations—Scavenger Hunt NY-7.EE.4a, MP7	**19** M3:Lesson 15: Solving Equations Fluently NY-7.EE.4a, MP1	**20** M3:Lesson 16: Using Equations to Solve Rate Problems NY-7.EE.3, NY-7.EE.4, NY-7.EE.4a, MP2	**21**
22	**23** HOLIDAY RECESS	**24** HOLIDAY RECESS	**25** HOLIDAY RECESS	**26** HOLIDAY RECESS	**27** HOLIDAY RECESS	**28**
29	**30** HOLIDAY RECESS	**31** HOLIDAY RECESS				

NOTES

Module 3 Parent Letter
English
Spanish

January — How We Express Ourselves

2025

SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT
			1 HOLIDAY RECESS	**2** HOLIDAY RECESS	**3** HOLIDAY RECESS	**4**
5	**6** M3:Lesson 17: Using Equations to Solve Problems NY-7.EE.3, NY-7.EE.4, MP7	**7** M3:**Topic D:** Inequalities Lesson 18: Understanding Inequalities and Their Solutions NY-7.EE.4, NY-7.EE.4b, MP6	**8** M3:Lesson 19: Using Equations to Solve Inequalities NY-7.EE.4b, MP7	**9** M3:Lesson 20: Preserving and Reversing NY-7.EE.4b, MP8	**10** M3:Lesson 21: Solving Two-Step Inequalities NY-7.EE.4, NY-7.EE.4b, MP2	**11**
12	**13** M3:Lesson 22: Solving Problems Involving Inequalities NY-7.EE.4, NY-7.EE.4b, MP6	**14** M3:Lesson 23: Inequalities vs. Equations NY-7.EE.4, NY-7.EE.4b, MP2	**15** REVIEW	**16** ASSESSMENT	**17** M4:**Topic A:** Proportion and Percent Lesson 1: Racing for Percents. NY-7.RP, NY-7.RP.3, MP7	**18**
19	**20** MLK HOLIDAY	**21** JANUARY REGENTS	**22** JANUARY REGENTS	**23** JANUARY REGENTS Benchmark	**24** JANUARY REGENTS	**25**
26	**27** M4:Lesson 2: Percent as a Rate per 100 NY-7.RP.3, MP5	**28** M4:Lesson 3: Proportion and PercentNY-7.RP.2c, NY-7.RP.3, MP3	**29** LUNAR NEW YEAR	**30** M4:Lesson 4: Common Denominators or Common Numerators NY-7.RP.2c, NY-7.RP.3, MP5		**31**

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NOTES

Module 3 Parent Letter
English
Spanish
Module 4 Parent Letter
English
Spanish

February – How We Express Ourselves

2025

SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT
						1
2	**3** M4:**Topic B**: Part of 100 Lesson 5: Finding Commission. NY-7.RP.3, MP1	**4** M4:Lesson 6: Finding Discounts. NY-7.RP, NY-7.RP.3, MP1	**5** M4:Lesson 7: Determining Fees NY-7.RP.3, MP3	**6** ½ **DAY PTC**	**7** M4:Lesson 8: Tax as a Fee NY-7.RP.3, MP1	**8**
9	**10** M4:**Topic C**: More or Less Than 100% Lesson 9: Percent Increase NY-7.RP.3, NY-7.EE.2, MP2	**11** M4:Lesson 10: Percent Decrease NY-7.RP.3, NY-7.EE.2, MP2	**12** M4:Lesson 11: More Discounts NY-7.RP.3, NY-7.EE.2, MP6	**13** M4:Lesson 12: What Is the Best Deal? NY-7.RP.3, MP1, MP2	**14** M4:Lesson 13: Scale Factor—Percent Increase and Decrease. NY-7.RP, NY-7.EE.2, NY-7.G.1, MP1	**15**
16	**17** **WINTER RECESS**	**18** **WINTER RECESS**	**19** **WINTER RECESS**	**20** **WINTER RECESS**	**21** **WINTER RECESS**	**22**
23	**24** M4:**Topic D**: Applications of Percent Lesson 14: Tips and Taxes NY-7.RP.3, NY-7.EE.2, MP7	**25** M4:Lesson 15: Markups and Discounts NY-7.RP.3, NY-7.EE.2, MP7	**26** M4:Lesson 16: Simple Interest and Proportionality NY-7.RP.3, MP7	**27** M4:Lesson 17: Simple Interest—Solving for Unknown Values NY-7.RP.3, MP8	**28** M4:Lesson 18: Applying Percent Error NY-7.RP.3, MP2	

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Module 4 Parent Letter
English
Spanish

March – How We Express Ourselves

2025

SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT
						1
2	**3** M4:**Topic E:** Problems Involving Percent Lesson 19: Making Money, Day 1 NY-7.RP.3, MP4	**4** M4:Lesson 20: Making Money, Day 2 NY-7.RP.3, MP1	**5** M4:Lesson 21: Making Mixtures NY-7.RP.3, MP7	**6** M4:Lesson 22: Percents of Percents NY-7.RP.3, NY-7.EE.2, MP2	**7** M4:Lesson 23: Counting Problems NY-7.RP, MP6	**8**
9	**10** REVIEW	**11** ASSESSMENT	**12** M5:**Topic A:** Chance Experiments and Simulations Lesson 1: Probability Revisited NY-7.SP.8, NY-7.SP.8a, NY-7.SP.8b, MP6	**13** M5:Lesson 2: Multistage Experiments NY-7.SP.8, NY-7.SP.8a, NY-7.SP.8b, MP7	**14** M5:Lesson 3: Probability Simulations NY-7.SP.8c, MP1, MP4	**15**
16	**17** M5:Lesson 4: Simulations with Random Number Tables NY-7.SP.8c, MP5	**18** M5:**Topic B:** Interquartile Range and Box Plots Lesson 5: Using the Interquartile Range to Describe Variability NY-7.SP.1, NY-7.SP.4, MP6	**19** M5:Lesson 6: Using a Box Plot to Summarize a Distribution NY-7.SP.1, MP7	**20** M5:Lesson 7: More Practice with Box Plots NY-7.SP.1, NY-7.SP.4, MP7	**21** M5:**Topic C:** Drawing Conclusions from Data Lesson 8: Interpreting Box Plots NY-7.SP.1, NY-7.SP.4, MP7	**22**
23	**24** M5:Lesson 9: Comparing Samples NY-7.SP.3, NY-7.SP.4, MP2	**25** M5:Lesson 10: Comparing Sample Means NY-7.SP.3, NY-7.SP.4, MP3	**26** BENCHMARK	**27** REVIEW	**28** ASSESSMENT	**29**
30	**31**					

NOTES

Module 4 Parent Letter
English
Spanish
Module 5 Parent Letter
English
Spanish

April – Where We Are In Place and Time   2025

SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT
		1 REVIEW	**2** REVIEW	**3** REVIEW	**4** REVIEW	**5**
6	**7** REVIEW	**8** REVIEW	**9** REVIEW	**10** REVIEW	**11** REVIEW	**12**
13	**14** SPRING RECESS	**15** SPRING RECESS	**16** SPRING RECESS	**17** SPRING RECESS	**18** SPRING RECESS	**19**
20	**21** REVIEW	**22** REVIEW	**23** REVIEW	**24** REVIEW	**25** REVIEW	**26**
27	**28** REVIEW	**29** NYSED Grades 3-8 ELA Assessments	**30**			

NOTES

**NY-K.OA.6 I-Ready M1:Lessons Renaissance

Module 6 Parent Letter
English
Spanish

May – How the World Works

SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT
3				**1** REVIEW	**2** REVIEW	3
4	**5** ½ DAY PTC	**6** REVIEW	**7** REVIEW	**8** REVIEW	**9** REVIEW	10
11	**12** REVIEW	**13** REVIEW	**14** REVIEW	**15** ASSESSMENT	**16** REVIEW	17
18	**19** REVIEW	**20** REVIEW	**21** REVIEW ==NYSED Grades 3-8 Math Assessments==	**22** M6:**Topic A**: Constructing Geometric Figures Lesson 1-2: MP5,6	**23** M6:Lesson 3-4: Angles & Side Lengths of a Triangle NY-7.G.2, MP2	24
25	**26** MEMORIAL DAY	**27** M6:Lesson 5-6: Constructing Quadrilaterals and Triangles NY-7.G.2, MP8	**28** M6:Lesson 7-8: Two Angles and One Side , Two Sides and One Angle NY-7.G.2, MP3	**29** M6:**Topic C:** Circumference and Area of Circles Lesson 9-10: Constructing a Circle NY-7.G.4, MP6,8	**30** M6:Lesson 11: The Inside of a Circle NY-7.G.4, MP7	31

NOTES

Module 6 Parent Letter
English
Spanish

June – How the World Works

2025

SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT
1	2 M6:Lesson 12: Exploring the Area and Circumference of a Circle NY-7.G.4, MP7	3 M6:Lesson 13: Finding Areas of Circular Regions NY-7.G.4, MP7	4 M6:Lesson 14: Composite Figures with Circular Regions NY-7.G.4, NY-7.G.6, MP7	5 M6:Lesson 15: Watering a Lawn NY-7.G.4, MP1, MP4	6 M6:**Topic D**: Area and Surface Area Lesson 16: Solving Area Problems by Composition and Decomposition NY-7.G.6, MP1	7
8	9 M6:Lesson 17-18: Surface Area of Right Rectangular and Right Triangular Prisms NY-7.G.6, MP6,7	10 M6:**Topic E:** Cross Sections and Volume Lesson 22: Understanding Planes and Cross Sections NY-7.G.3, MP7	11 M6:Lesson 24: Volume of Prisms. NY-7.G.6, MP7	12 M6:Lesson 25-26: Volume of Composite Solids. NY-7.G.6, MP7	13 **Review**	14
15	16 **Module Assessment**	17 **Algebra Support** NY-8.F.2, NY-8.EE.5 NY-8.F.5	18 **Algebra Support** NY-8.NS.1, NY-8.NS.2	19 **JUNETEENTH**	20 **Algebra Support** NY-8.EE.7a, 7b NY-8.F.4	21
22	23 **Algebra Support** NY-8.EE.1	24 **Algebra Support** NY-8.EE.3	25 **Algebra Support**	26 **Algebra Support**	27 **LAST DAY OF SCHOOL**	28
29	30					

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July

2025

SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

NOTES

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August

2025

SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

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