WALLKILL CENTRAL SCHOOL DISTRICT

Together We Can Make a Difference

Last updated: **8/23/2023**

2023-2024 Grade 4 Mathematics: Quarter 3: Weeks 22-32: Topics 10-11, 14-16, & 12

Options	Topic Pacing	Standards	Learning Targets	Supplemental Materials/Resources
	Topic 10: Extend Multiplication Concepts to Fractions Suggested Pacing • 2/2/24 Start Topic 10 (5 lessons to end on 2/8/24) • 2/9/24 Topic 10 Practice Test in Student Textbook • 2/12/24 Topic 10 Assessment	(1) NY-4.NF.4	**TOPIC 10** • I can use fraction strips or number lines to understand a fraction as a multiple of a unit fraction. • I can use drawings, area models, or number lines to multiply fractions by whole numbers. • I can use properties and equations to multiply a fraction by a whole number. • I can use addition, subtraction, multiplication, or division to solve problems involving time. • I can use various representations to solve problems.	**TOPIC 10** • Vocabulary Cards • Fluency Practice in student textbook (1 per topic) • Review What You Know page in student textbook (in the beginning of the topic) • Vocabulary Review in the student textbook (at the end of the topic) • Additional Practice book (to send home for homework) • Basic Facts (Addition, Subtraction) sheets • Pearson Game Center
	Topic 11: Represent and Interpret Data on Line Plots Suggested Pacing • 2/13/24 Start Topic 11 (4 lessons to end on 2/16/24)	(1) NY-4.MD.4	**TOPIC 11** • I can interpret data using line plots. • I can make a line plot to represent data. • I can use line plots to solve problems involving fractions.	**TOPIC 11** • Vocabulary Cards • Fluency Practice in student textbook (1 per topic)

Help

Options	Topic Pacing	Standards	Learning Targets	Supplemental Materials/Resources
	• 2/20/24 Topic 11 Practice Test in Student Textbook • 2/21/24 Topic 11 Assessment		• I can use what I know about line plots to critique the reasoning of others.	• Review What You Know page in student textbook (in the beginning of the topic) • Vocabulary Review in the student textbook (at the end of the topic) • Additional Practice book (to send home for homework) • Basic Facts (Addition, Subtraction) sheets • Pearson Game Center
	Topic 14 Algebra Generate and Analyze Patterns Suggested Pacing • 2/22/24 Start Topic 14 (4 lessons to end on 2/27/24) • 2/28/24 Topic 14 Practice Test in Student Textbook • 2/29/24 Topic 14 Assessment	(1) NY-4.OA.5	**TOPIC 14** • I can use a rule to create and extend a number pattern and identify features of the number pattern not described by the rule. • I can use a rule to extend a number pattern, identify features of the number pattern, and use the number pattern to solve the problem. • I can use a rule to predict the number or shape in a number pattern. • I can use patterns to help solve problems.	**TOPIC 14** • Vocabulary Cards • Fluency Practice in student textbook (1 per topic) • Review What You Know page in student textbook (in the beginning of the topic) • Vocabulary Review in the student textbook (at the end of the topic) • Additional Practice book (to send home for homework) • Basic Facts (Addition, Subtraction) sheets • Pearson Game Center
	Topic 15: Geometric Measurement: Understand Concepts of Angles and Angle Measure Suggested Pacing • 3/1/24 Start Topic 15 (6 lessons to end on 3/8/24)	(1) NY-4.MD.5 (1) NY-4.MD.5a	**TOPIC 15** • I can recognize and draw lines, rays, and different types of angles. • I can use what I know about fractions to measure angles.	**TOPIC 15** • Vocabulary Cards • Fluency Practice in student textbook (1 per topic) • Review What You Know page in student textbook (in the

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	• 3/11/24 Topic 15 Practice Test in Student Textbook • 3/12/24 Topic 15 Assessment	(1) NY-4.MD.5b	• I can use angles I know to measure angles I do not know. • I can use a protractor to measure and draw angles. • I can use addition and subtraction to solve problems with unknown angle measures. • I can use appropriate tools strategically to solve problems.	beginning of the topic) • Vocabulary Review in the student textbook (at the end of the topic) • Additional Practice book (to send home for homework) • Basic Facts (Addition, Subtraction) sheets • Pearson Game Center
	Topic 16: Lines, Angles, Shapes Suggested Pacing • 3/13/24 Start Topic 16 (6 lessons to end on 3/20/24) • 3/21/24 Topic 16 Practice Test in Student Textbook • 3/22/24 Topic 16 Assessment ELA State Test is on April 10-12 No Rotations on these dates	(1) NY-4.G.1 (1) NY-4.G.2a (1) NY-4.G.2b (1) NY-4.G.2c (1) NY-4.G.3 (1) NY-4.MD.6	**TOPIC 16** • I can draw and identify perpendicular, parallel, and intersecting lines. • I can reason about line segments and angles to classify triangles. • I can reason about line segments and angles to classify quadrilaterals. • I can recognize and draw lines of symmetry and identify line-symetric figures. • I can draw a figure that has line symmetry. • I can critique the reasoning of others by using what I know about two-dimensional shapes.	**TOPIC 16** • Vocabulary Cards • Fluency Practice in student textbook (1 per topic) • Review What You Know page in student textbook (in the beginning of the topic) • Vocabulary Review in the student textbook (at the end of the topic) • Additional Practice book (to send home for homework) • Basic Facts (Addition, Subtraction) sheets • Pearson Game Center
	Topic 12 Understand and Compare Decimals Suggested Pacing • 4/2/24 Start Topic 12 (6 lessons to end on 4/9/24) • 4/10/24 Topic 12 Practice Test in Student Textbook • 4/11/24 Topic 12 Assessment	(1) NY-4.NF.5 (1) NY-4.NF.6 (1) NY-4.NF.7	**TOPIC 12** • I can relate fractions and decimals. • I can locate and describe fractions and decimals on number lines. • I can compare decimals by reasoning about their size. • I can use equivalence to add fractions with denominators of 10 and 100.	**TOPIC 12** • Vocabulary Cards • Fluency Practice in student textbook (1 per topic) • Review What You Know page in student textbook (in the beginning of the topic)

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			• I can use fractions or decimals to solve word problems involving money. • I can use the structure of the place-value system to solve problems.	• Vocabulary Review in the student textbook (at the end of the topic) • Additional Practice book (to send home for homework) • Basic Facts (Addition, Subtraction) sheets • Pearson Game Center