Overview

Enhancement Activities provides instruction that augments the *i-Ready Classroom Mathematics* instructional program, with a focus on state-specific standards. You can access Enhancement Activities using the Teacher Toolbox.

There are three types of Enhancement Activities.

Multi-Day Activities ▶ Multi-Day Activities follow the same structure and pedagogy as the lessons students experience every day. Multi-Day Activities are provided when there is a comprehensive state-specific standard that is not addressed by the *i-Ready Classroom Mathematics* instructional program.

One-Day Activities ▶ One-Day Activities consist of a step-by-step teacher-led activity with a focus on hands-on tasks for students. Activity sheets are provided within the activity as needed to support student work. One-Day Activities are provided when there is a less-comprehensive state-specific standard that is not addressed by the *i-Ready Classroom Mathematics* instructional program, or when the scope of a state-specific standard goes beyond the instruction provided.

Educator Notes ▶ Educator Notes provide additional information for the teacher describing how the content in the *i-Ready Classroom Mathematics* instructional program varies from the expectations of the state-specific standards. They also include an example of how the content might be modified in order to better address the state-specific standards. Educator Notes are provided when the state-specific standards require different content limits or vocabulary terms, or when a clear modification can tailor the *i-Ready Classroom Mathematics* instructional program to address state expectations.

The **Table of Contents** in this document indicates where Enhancement Activities have been added into the program, as well as how many days to spend on them. As you consider your overall pacing for the year, lessons that include a range of days indicate places you may want to spend less time in order to create time for instruction on state-specific standards.

Lessons that cover **Post-Test Standards** are indicated with this symbol. These lessons can be taught after the state assessment, as these lessons are focused on post-test standards as identified by the New York State Education Department (*nysed.gov*).

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Grade 4 Table of Contents

The Table of Contents below shows correlations to NY Next Generation Learning Standards and a recommended schedule for instruction when using Enhancement Activities.

Unit 1	Days
Educator Note: Place Value to 1,000,000 NY-4.NBT.1; NY-4.NBT.2a	0
Lesson 1: *Understand* Place Value NY-4.NBT.1; NY-4.NBT.2a; NY-4.NBT.2b	3
Educator Note: Comparison within 1,000,000 NY-4.NBT.2a; NY-4.NBT.2b	0
Lesson 2: Compare Whole Numbers NY-4.NBT.2a; NY-4.NBT.2b	3
Educator Note: Rounding within 1,000,000 NY-4.NBT.3	0
Lesson 3: Round Whole Numbers NY-4.NBT.3	3
Educator Note: Addition within 1,000,000 NY-4.NBT.4	0
Lesson 4: Add Whole Numbers NY-4.NBT.4	4
Educator Note: Subtraction within 1,000,000 NY-4.NBT.4	0
Lesson 5: Subtract Whole Numbers NY-4.NBT.4	4
Math in Action: Work with Whole Numbers NY-4.NBT.2a; NY-4.NBT.2b; NY-4.NBT.3; NY-4.NBT.4	2
Unit Assessment	1

Consider modifying the unit materials to include the following content provided in the **Enhancement Activities:**

- Applying place-value concepts for 1,000,000
- Comparing numbers up to and including 1,000,000
- Rounding numbers to 1,000,000
- Adding numbers with sums of 1,000,000
- Subtracting numbers from 1,000,000

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Unit 2	Days
Lesson 6: *Understand* Multiplication as a Comparison NY-4.OA.1	3
Lesson 7: Multiplication and Division in Word Problems NY-4.OA.2	4
Lesson 8: Multiples and Factors NY-4.OA.4	2 to 5
Mid-Unit Assessment	1
Lesson 9: Number and Shape Patterns NY-4.OA.5	2 to 4
Educator Note: Multi-Step Word Problems NY-4.OA.3; NY-4.OA.3a; NY-4.OA.3b	0
Lesson 10: Model and Solve Multi-Step Problems NY-4.OA.3; NY-4.OA.3a; NY-4.OA.3b	4
Math in Action: Solve Multiplication Problems NY-4.OA.1; NY-4.OA.2; NY-4.OA.3; NY-4.OA.3a; NY-4.OA.3b; NY-4.OA.4; NY-4.NBT.4	2
Unit Assessment	1
Consider modifying the unit materials to include the following content provided in the **Enhancement Activities:** • Not requiring the use of a single expression or equation to represent two-step word problems	

Unit 3	Days
Lesson 11: Multiply by One-Digit Numbers NY-4.NBT.5	4
Lesson 12: Multiply by Two-Digit Numbers NY-4.NBT.5	3
Lesson 13: Use Multiplication to Convert Measurements NY-4.MD.1	4
One-Day Activity: Reason About Relative Sizes and Convert Measurement Units NY-4.MD.1	1

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(Unit 3 Continued)

Mid-Unit Assessment	1
Consider modifying the unit materials to include the following content provided in the **Enhancement Activities:** • Recognizing the relative sizes of ft, in., km, m, and cm	
Lesson 14: Divide Three-Digit Numbers NY-4.NBT.6	4
Lesson 15: Divide Four-Digit Numbers NY-4.NBT.6	3
Lesson 16: Find Perimeter and Area NY-4.MD.3	4
Math in Action: Multiply and Divide Multi-Digit Numbers NY-4.OA.3; NY-4.OA.3a; NY-4.OA.3b; NY-4.NBT.5; NY-4.NBT.6; NY-4.MD.3	2
Unit Assessment	1
Consider modifying the unit materials to include the following content provided in the **Enhancement Activities:** • Recognizing the relative sizes of ft, in., km, m, and cm	

Unit 4	Days
Lesson 17: *Understand* Equivalent Fractions NY-4.NF.1	3
Lesson 18: Compare Fractions NY-4.NF.2	4
Lesson 19: *Understand* Fraction Addition and Subtraction NY-4.NF.3; NY-4.NF.3a	3
Lesson 20: Add and Subtract Fractions NY-4.NF.3; NY-4.NF.3b; NY-4.NF.3d	5
Mid-Unit Assessment	1
Lesson 21: Add and Subtract Mixed Numbers NY-4.NF.3; NY-4.NF.3c	4
Lesson 22: Add and Subtract Fractions in Line Plots NY-4.MD.4	5

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(Unit 4 Continued)

Lesson 23: *Understand* Fraction Multiplication NY-4.NF.4; NY-4.NF.4a; NY-4.NF.4b		3
Lesson 24: Multiply Fractions by Whole Numbers NY-4.NF.4; NY-4.NF.4c		3
Mid-Unit Assessment		1
Lesson 25: Fractions as Tenths and Hundredths NY-4.NF.5	✓	3
Lesson 26: Relate Decimals and Fractions NY-4.NF.6	✓	4
Lesson 27: Compare Decimals NY-4.NF.7	✓	4
Lesson 28: Problems About Time and Money NY-4.MD.2; NY-4.MD.2a; NY-4.MD.2b	✓	4
Lesson 29: Problems About Length, Liquid Volume, Mass, and Weight NY-4.MD.2; NY-4.MD.2a; NY-4.MD.2b	✓	5
Math in Action: Use Fractions and Decimals NY-4.NF.1; NY-4.NF.2; NY-4.NF.3; NY-4.NF.3a; NY-4.NF.3b; NY-4.NF.3c; NY-4.NF.3d; NY-4.NF.4; NY-4.NF.4a; NY-4.NF.4b; NY-4.NF.4c; NY-4.NF.5; NY-4.NF.6; NY-4.NF.7		2
Unit Assessment		1

Unit 5	Days
Lesson 30: Points, Lines, Rays, and Angles NY-4.MD.5; NY-4.G.1	2 to 5
Lesson 31: Angles NY-4.MD.5; NY-4.MD.5a; NY-4.MD.5b; NY-4.MD.6	2 to 4
Lesson 32: Add and Subtract with Angles NY-4.MD.7	2 to 4
Lesson 33: Classify Two-Dimensional Figures NY-4.G.2a	2 to 5
One-Day Activity: Identify Parallelograms and Rectangles NY-4.G.2b; NY-4.G.2c	1
Lesson 34: Symmetry NY-4.G.3	2 to 3

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(Unit 5 Continued)

Math in Action: Classify Shapes and Angles NY-4.MD.5; NY-4.MD.6; NY-4.MD.7; NY-4.G.1; NY-4.G.2a; NY-4.G.3	2
Unit Assessment	1

Consider modifying the unit materials to include the following content provided in the **Enhancement Activities:**

- Identifying and naming all quadrilaterals with two pairs of parallel sides as parallelograms
- Identifying and naming all quadrilaterals with four right angles as rectangles

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