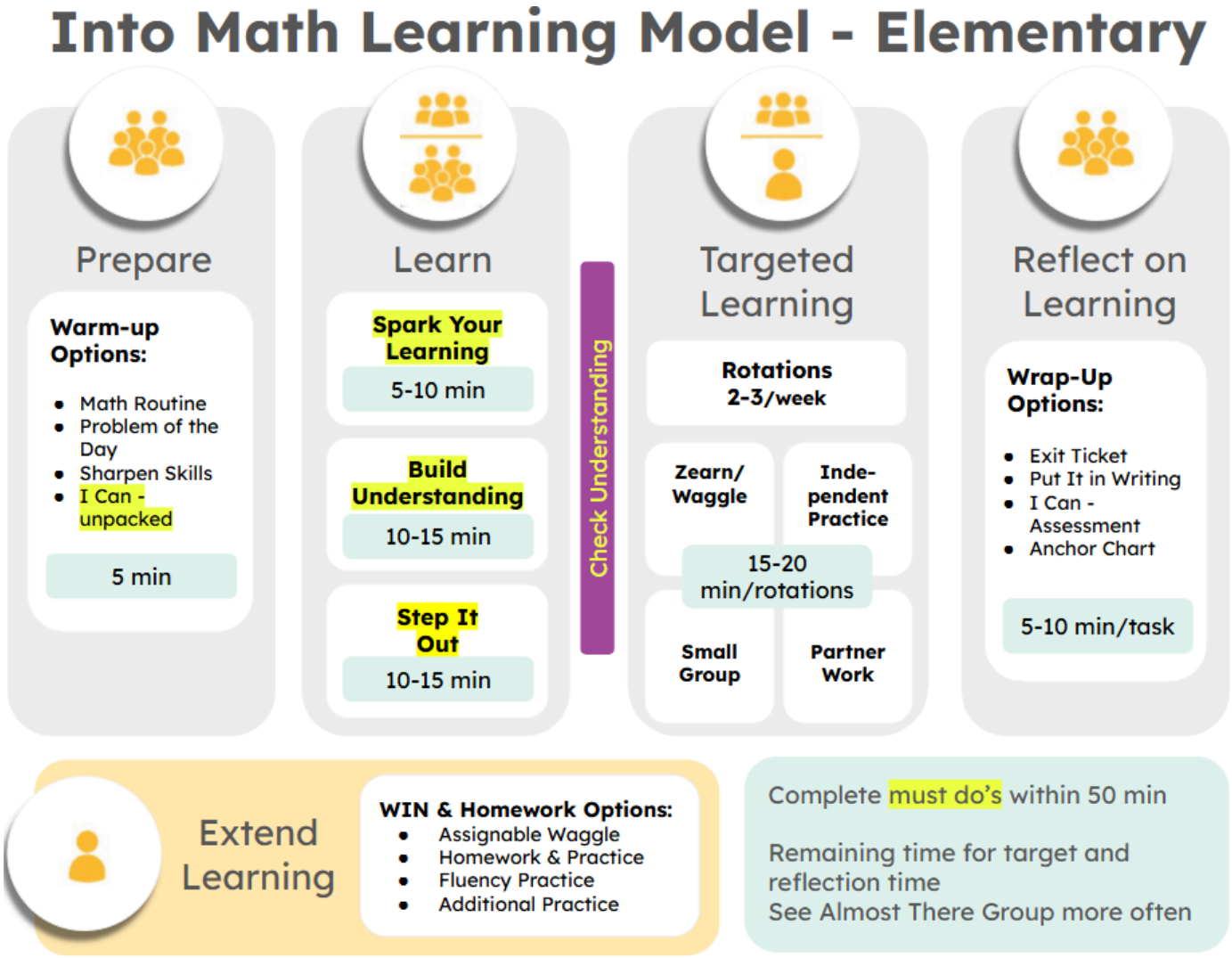
Into Math Grade 2 Pacing and Resources - Updated for 2026-27 School year

Resources:

- Into Math Pacing
- Into Math Spark Slides
- Curriculum Pacing Suggestion Form
- Intervention and Enrichment Options
- Resources by Standard
- Archive of all Math C&I Articles
- Zearn - Into Math Alignment
- Zearn Support Slides
- Into & Zearn FAQ doc
- Math Learning Center Activities
- Achieve the core - Coherence Map
- Standards (comparison National vs Ohio)



Into Math Learning Arc

Building Understanding	Connect Concept & Skills	Apply & Practice
Conceptual These lessons focus on opportunities for students to make sense of the mathematics and build conceptual understanding with real-world context. • Spark Your Learning • Build Understanding	**Bridging** These lessons focus on having students connect different conceptual representations, approaches, or strategies to more efficient procedures. • Spark Your Learning • Build Understanding • Step It Out	**Procedural** These lessons focus on opportunities for students to develop procedural fluency and to apply concepts and procedures. • Step It Out

UNIT 1 NUMBERS TO 20 AND DATA

Module 1 - Fluency for Addition and Subtraction Within 20 - 12 days (Mod 1-2 = 19 days)
Mod 3 has been moved to the measurement Unit

Zearn Mission 1 - Add and Subtract Friendly Numbers
Mission 1 Lesson Topics (Thanks Laura!)

	Lesson	Standards	Manipulatives	Suggestions
1.1	Use Doubles Facts to Add	OA.2	• Connecting cubes • Two-color counters	• SCHOOL HOME Letter
1.2	Develop Fluency with Addition Using Mental Strategies and Properties			
1.3	Relate Addition and Subtraction			• Professional Learning Video
1.4	Develop Fluency with Subtraction Using Mental Strategies			
1.5	Use the Make a Ten Strategy to Add			• Information gap • Desmos - adding whole numbers
1.6	Use a Tens Fact to Subtract			
1.7	Add 3 Numbers Using Mental Strategies and Properties			• Critique & Correct (find error) • Standard Practice 2.OA.2

Module 2 - Equal Groups - 6 days (Mod 1-2 = 19 days) **Sep 28**
SUPPORTING STANDARDS

Zearn Mission 6 - Equal Groups (Extra supplies needed)
Mission 6 Lesson Topics (Thanks Laura!)

	Lesson	Standards	Manipulatives	Suggestions
2.1	Identify Even and Odd Numbers	OA.3	• Connecting cubes • Counters	• SCHOOL HOME Letter • Professional Learning Video
2.2	Write Equations to Represent Even Numbers			• Standard Practice 2.OA.3
2.3	Represent Equal Groups	OA.4	• Connecting cubes • Counters • Square tiles	• Critique & Correct (find error)
2.4	Add to Find the Total Number of Objects in Arrays			• Information gap
2.5	Practice with Arrays			• Standard Practice 2.OA.4

Mod 3 has been moved to the measurement Unit

UNIT 2 PLACE VALUE

Module 4 - Understand Place Value - 7 days (Mod 4-6 = 24 days)

Zearn Mission 3 - Counting and Place Value
Mission 3 Lesson Topics (Thanks Laura!)

	Lesson	Standards	Manipulatives	Suggestions
4.1	Group Tens as Hundreds	NBT.1a-b	• Base-ten blocks • Connecting cubes	• SCHOOL HOME Letter • Unit 2 Convince me • Standard Practice 2.NBT.1a • Standard Practice 2.NBT.1b
4.2	Understand Three-Digit Numbers	NBT.1		•
4.3	Represent Three-Digit Numbers			• Information gap
4.4	Represent Numbers with Hundreds, Tens, and Ones	NBT.1 NBT.3		• Critique & Correct (find error)
4.5	Place Value to 1,000	NBT.1		• Standard Practice 1.NBT.2 • Professional Learning Video

Module 5 - Read, Write, and Show Numbers to 1,000 - 7 days (Mod 4-6 = 24 days)

Zearn Mission 3 - Counting and Place Value

	Lesson	Standards	Manipulatives	Suggestions
5.1	Use Expanded Form	NBT.3	• Base-ten blocks • Connecting cubes	• SCHOOL HOME Letter • Unit 2 Convince me
5.2	Use Number Names			• Critique & Correct (find error)
5.3	Different Ways to Write Numbers			• Professional Learning Video
,,,5.4	Different Ways to Show Numbers			• Information gap
5.5	Read, Write, and Show Numbers			• Standard Practice 2.NBT.3 • Who Dunnit? Expanded & Word Form NBT.3

Module 6 - Use Place Value - 9 days (Mod 4-6 = 24 days) Nov 4

Zearn Mission 3 - Counting and Place Value

	Lesson	Standards	Manipulatives	Suggestions
6.1	Count Within 1,000	NBT.2	• Counters	• SCHOOL HOME Letter • Unit 2 Convince me • Standard Practice 2.NBT.2 • Standards Success Extension - Count Within 1,000 / Teacher
6.2	Add and Subtract 10 or 100	NBT.8	• Base-ten blocks	•
6.3	Identify and Extend Number Patterns			• Information gap • Standard Practice 2.NBT.8
6.4	Compare Three-Digit Numbers	NBT.4		• Professional Learning Video

6.5	Use Symbols to Compare Numbers		• Base-ten blocks • Connecting cubes	• Critique & Correct (find error) • Standard Practice 2.NBT.4

UNIT 4A TWO-DIGIT ADDITION AND SUBTRACTION

Module 10 - Addition and Subtraction Counting Strategies (Mod 10-12 = 13 days)
Expose, condense and embed 10.3 & 11.4 in Mod 12

Zearn Mission 4 - Add, Subtract, and Solve
Mission 4 Lesson Topics

	Lesson	Standards	Manipulatives	Suggestions
10.1	Use a Hundred Chart	NBT.5 NBT.6	• Base-ten blocks	• SCHOOL HOME Letter
10.2	Use a Number Line			• Critique & Correct (find error) • Professional Learning Video
10.3	Use Counting Strategies			• Information gap

Module 11 - Addition and Subtraction Grouping Strategies (Mod 10-12 = 13 days)
Expose, condense and embed 10.3 & 11.4 in Mod 12 - will see decomposing in Mod 12.

Zearn Mission 4 - Add, Subtract, and Solve

	Lesson	Standards	Manipulatives	Suggestions
11.1	Decompose Ones to Add	NBT.5	• Base-ten blocks	• Mod 11-13 Convince me problems
11.2	Decompose Ones to Subtract		• Connecting cubes	• Professional Learning Video
11.3	Decompose Numbers to Add		• Base-ten blocks	
11.4	Decompose Addends as Tens and Ones		• Base-ten blocks • Number cube	
11.5	Decompose Numbers to Subtract		• Base-ten blocks	

Module 12 - Represent & Record Addition & Subtraction (Mod 10-12 = 13 days) **Nov 23**
Expose, condense and embed 10.3 & 11.4 in Mod 12
Consideration: Can do all the addition together, then subtraction with addition practice embedded.
Consideration: Utilizing the Zearn tube technique for addition/subtraction blending from Mission 4 to embed in this Mod.

Zearn Mission 4 - Add, Subtract, and Solve

	Lesson	Standards	Manipulatives	Suggestions
12.1	Represent Regrouping for Addition	NBT.5	• Base-ten blocks	• SCHOOL HOME Letter • Information gap • Mod 11-13 Convince me problems
12.2	Represent Regrouping for Subtraction			
12.3	Represent and Record Two-Digit Addition			• Critique & Correct (find error)
12.4	Represent and Record Two-Digit			• Professional Learning Video

	Subtraction			
12.5	Add Two-Digit Numbers	NBT.5 NBT.9		
12.6	Subtract Two-Digit Numbers			

UNIT 7 GEOMETRY AND FRACTIONS

Module 21 - Two- and Three-Dimensional Shapes - 6 days (Mod 21-22 = 14 days)
ADDITIONAL STANDARDS
This unit moved earlier for exposure to shapes and fractions.

Zearn Mission 8 ABC Shapes, Time & Fractions (Extra supplies needed)
Mission 8 Lesson Topics

	Lesson	Standards	Manipulatives	Suggestions
21.1	Identify and Draw Three-Dimensional Shapes	G.1		• SCHOOL HOME Letter • Standards Success Extension: Identify and Draw 3-Dimensional Shapes / Teacher
21.2	Identify and Draw Two-Dimensional Shapes			• Explicit Vocabulary for Shapes • Information gap
21.3	Find and Count Angles in Two-Dimensional Shapes			•
21.4	Sort Two-Dimensional Shapes by Sides and Angles			• Critique & Correct (find error) • Standard Practice 2.G.1

Module 22 - Understand Fractions - 7 days (Mod 21-22 = 14 days) **Dec 18**
SUPPORTING AND ADDITIONAL STANDARDS
Give formative modular assessment

Zearn Mission 8 ABC Shapes, Time & Fractions (Extra supplies needed)

	Lesson	Standards	Manipulatives	Suggestions
22.1	Partition Rectangles	G.2 OA.4		• SCHOOL HOME Letter • Standard Practice 2.G.2
22.2	Identify and Describe Equal Shares	G.3		
22.3	Draw Equal Shares			
22.4	Show and Describe an Equal Share			• Critique & Correct (find error) • Information gap
22.5	Different Ways to Show Equal Shares			• Standard Practice 2.G.3

UNIT 5 THREE-DIGIT ADDITION AND SUBTRACTION

Module 13 - Develop Addition and Subtraction Fluency - 9 days (Mod 13-17 = 40 days)

Zearn Mission 4 - Add, Subtract, and Solve

	Lesson	Standards	Manipulatives	Suggestions
13.1	Rewrite Addition Problems	NBT.5		• SCHOOL HOME Letter • Mod 11-13 Convince me problems
13.2	Rewrite Subtraction Problems			•
13.3	Use Addition and a Number Line to Subtract			• Critique & Correct (find error) • Information gap • Standard Practice 2.NBT.5 • Professional Learning Video
13.4	Add 3 Two-Digit Numbers Using Strategies and Properties	NBT.5 NBT.6 NBT.7 NBT.9		•
13.5	Add 4 Two-Digit Numbers Using Strategies and Properties			• Standard Practice 2.NBT.6 • Standard Practice 2.NBT.9

Module 16 - Three-Digit Addition - 6 days (Mod 13-17 = 40 days)

Zearn Mission 5 - Add and Subtract Big Numbers
Mission 5 Lesson Topics

	Lesson	Standards	Manipulatives	Suggestions
16.1	Use Drawings to Represent Three-Digit Addition	NBT.7	• Base-ten blocks	• SCHOOL HOME Letter • Critique & Correct (find error) • Information gap
16.2	Decompose Three-Digit Addends			• Professional Learning Video
16.3	Represent Regrouping for Addition			
16.4	Add Three-Digit Numbers			

Module 17 - Three-Digit Subtraction - 8 days (Mod 13-17 = 40 days)

Zearn Mission 5 - Add and Subtract Big Numbers

	Lesson	Standards	Manipulatives	Suggestions
17.1	Represent Three-Digit Subtraction	NBT.7	• Base-ten blocks	• SCHOOL HOME Letter • Information gap
17.2	Represent Regrouping for Subtraction			
17.3	Subtract Three-Digit Numbers			• Critique & Correct (find error) • Standard Practice 2.NBT.9 R
17.4	Represent Regrouping with Zeros			
17.5	Regrouping with Zeros			
17.6	Add and Subtract Three-Digit	NBT.7		• Standard Practice 2.NBT.7

	Numbers	NBT.9		

Module 14 - Algebra - 10 days (Mod 13-17 = 40 days)

Zearn Mission 4 - Add, Subtract, and Solve

	Lesson	Standards	Manipulatives	Suggestions
14.1	Use Drawings to Represent Addition and Subtraction Situations	OA.1	• Connecting cubes • Two-color counters	• SCHOOL HOME Letter • Critique & Correct (find error) • Information gap
14.2	Use Equations to Represent Addition and Subtraction Situations		• Connecting cubes	
14.3	Use Drawings and Equations to Represent Two-Digit Addition		• Base-ten blocks • Connecting cubes	
14.4	Use Drawings and Equations to Represent Two-Digit Subtraction			• Professional Learning Video

Module 15 - Addition & Subtraction Word Problems - 8 days (Mod 13-17 = 40 days) Mar 10

Zearn Mission 4 - Add, Subtract, and Solve

	Lesson	Standards	Manipulatives	Suggestions
15.1	Solve Addition Word Problems	OA.1		• SCHOOL HOME Letter
15.2	Solve Subtraction Word Problems			•
15.3	Solve Multi Step Addition and Subtraction Problems			• Critique & Correct (find error) • Information gap • Standard Practice 2.OA.1 • Professional Learning Video

UNIT 6 MEASUREMENT: LENGTH

Module 3 - Data - 6 days (Mod 3, 18-20 = 32 days)
SUPPORTING STANDARDS
Be aware you will need Student Vol 1 OR print sheets
Formative Mod Assessment

Zearn Mission 7 A Length, Money, and Data
Mission 7 Lesson Topics

	Lesson	Standards	Manipulatives	Suggestions
3.1	Collect and Record Data	MD.10	• Connecting cubes	• SCHOOL HOME Letter • Game & Activity Card: Race to the Finish Bigger squares and altered directions
3.2	Interpret Picture Graphs			• Critique & Correct (find error)
3.3	Draw Picture Graphs to Represent Data		• Connecting cubes • Two-color counters	
3.4	Interpret Bar Graphs		• Color tiles • Connecting cubes	• Information gap • ME Convince me... • Game & Activity Card: Race to the Finish Bigger squares and altered directions • Professional Learning Video
3.5	Draw Bar Graphs to Represent Data		• Connecting cubes • Two-color counters	• Standard Practice 2.MD.10

Module 18 - Length in Inches, Feet, and Yards - 13 days (Mod 3, 18-20 = 32 days)
MAJOR AND SUPPORTING STANDARDS

Zearn Mission 2 Explore Length & Mission 7 CDEF Length, Money & Data (Extra supplies needed)
Mission 2 Lesson Topics

	Lesson	Standards	Manipulatives	Suggestions
18.1	Estimate Lengths Using Inches	MD.3		• SCHOOL HOME Letter
18.2	Make and Use a Ruler	MD.1		Ruler Games - you can change the intervals and length in settings • The Inch Ruler Game • The Metric Ruler Game
18.3	Measure to the Nearest Inch			• Critique & Correct (find error)
18.4	Make Line Plots to Show Measurement Data	MD.9		• Information gap • Standard Practice 2.MD.9
18.5	Estimate Lengths Using Feet	MD.3		
18.6	Measure in Inches and Feet	MD.2		
18.7	Measure to the Nearest Yard	MD.1		
18.8	Choose Appropriate Tools			

Module 19 - Length in Centimeters and Meters - 6 days (Mod 3, 18-20 = 32 days)

Zearn Mission 2 Explore Length & Mission 7 CDEF Length, Money & Data (Extra supplies needed)

	Lesson	Standards	Manipulatives	Suggestions
19.1	Estimate Lengths Using Centimeters	MD.3		SCHOOL HOME Letter Critique & Correct (find error) Information gap
19.2	Measure to the Nearest Centimeter	MD.1		Standard Practice 2.MD.1
19.3	Estimate Lengths Using Meters	MD.3		Standard Practice 2.MD.3
19.4	Measure in Centimeters and Meters	MD.2		Standard Practice 2.MD.2

Module 20 - Relate Addition & Subtraction to Length - 7 days (Mod 3, 18-20 = 32 days) May 6

Zearn Mission 2 Explore Length & Mission 7 CDEF Length, Money & Data (Extra supplies needed)

	Lesson	Standards	Manipulatives	Suggestions
20.1	Relate Inches to a Number Line	MD.6		• SCHOOL HOME Letter
20.2	Add and Subtract Lengths in Inches	MD.5 MD.6		• Information gap
20.3	Relate Centimeters to a Number Line	MD.6		•
20.4	Relate Centimeters to a Number Line	MD.5 MD.6		• Standard Practice 2.MD.5 • Standard Practice 2.MD.6
20.5	Measure and Compare Lengths in Centimeters	MD.4		• Critique & Correct (find error) • Standard Practice 2.MD.4

UNIT 3 MONEY AND TIME

Module 7 - Coins - 7 days (Mod 7 & 9 = 14 days)

SUPPORTING STANDARDS
Exposure only - No assessment

Zearn Mission 7 B - Problem Solving with Coins and Bills

	Lesson	Standards	Manipulatives	Suggestions
7.1	Relate Place Value to Coins	MD.8	• Base-ten blocks • Play coins	• SCHOOL HOME Letter • Critique & Correct (find error)
7.2	Identify and Find the Value of Coins		• Play coins	• Professional Learning Video
7.3	Compute the Value of Coin Combinations			• Information gap (missing info)
7.4	Show Amounts in Different Ways			

Module 8 - Dollar Amounts OMIT
SUPPORTING STANDARDS

Zearn Mission 7 B - Problem Solving with Coins and Bills

	Lesson	Standards	Manipulatives	Suggestions
8.1	Relate the Value of Coins to One Dollar	MD.8	• Play bills • Play coins	• Professional Learning Video • Solve problems, dollars with dollars and cents with cents (NOT using dollars and cents together). • Do not use decimal notation (use 126¢ not $1.26)
8.2	Compute the Value of Dollar Combinations		• Play bills	• Information gap (missing info)
8.3	Solve Problems Involving Money		• Play bills • Play coins	• Standard Practice 2.MD.8

Module 9 - Time - 7 days (Mod 7 & 9 = 14 days)
SUPPORTING STANDARDS
Exposure only - No assessment

Zearn Mission 8 D - Shapes, Time & Fractions (Extra supplies needed)

	Lesson	Standards	Manipulatives	Suggestions
9.1	Tell and Write Time to 5 Minutes	MD.7	• Analog clock	• SCHOOL HOME Letter • free math apps clock • Professional Learning Video
9.2	Different Ways to Tell and Write Time			•
9.3	Practice Telling and Writing Time			• Critique & Correct (find error)
9.4	Tell and Write Time with A.M. and P.M.			• Information gap (missing info) • Standard Practice 2.MD.7