

Connecticut Mathematics Model Curricula Alignment

Resource Name: HMH Into Math Grade 1

Alignment Grade 1				
Model Unit Name	Model Unit Standards	Resource Unit(s) Number	Resources Lessons	Pacing
<i>This is the title of the unit in the model curricula</i>	<i>These are the standards addressed in the unit</i>	<i>This is the unit(s) that aligns with the model unit from the resource</i>	<i>These are the lessons from the identified units that align to the standards within the model unit</i>	<i>This is the expected number of days for instruction</i>
Addition and Subtraction Within 20	1.OA.A.1	Modules 1, 2, 4, 5, 6 & 7	1.1, 1.7, 2.1, 2.6, 4.6, 5.1, 5.2, 5.3, 5.4, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7	6 Weeks 2 Days
	1.OA.A.2	Module 3	3.3, 3.4, 3.5	3 Days
	1.OA.B.3	Module 3	3.1, 3.2, 3.3, 3.4, 3.5	1 Week
	1.OA.B.4	Modules 2 & 4	2.4, 4.1	3 Days
	1.OA.C.5	Modules 1 & 2	1.2, 2.2, 2.3	1 Week
	1.OA.C.6	Modules 1, 2, 3, 4 & 13	1.3, 1.4, 1.5, 1.6, 1.7, 2.4, 2.5, 2.6, 3.7, 4.1, 4.2, 4.3, 4.4, 4.7, 13.5	4 Weeks
	1.OA.D.7	Modules 3 & 11	3.6, 11.3	2 Days
	1.OA.D.8	Modules 2 & 4	2.4, 4.1, 4.5, 4.6	1 Week
	1.MD.C.4	Module 8	8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7	1 Week 2 Days
Counting and Place Value	1.NBT.A.1	Module 10	10.1, 10.5, 10.6	3 Days
	1.NBT.B.2	Modules 9 & 10	9.1, 9.2, 9.3, 10.1, 10.4, 10.5, 10.6	1 Week 3 Days
	1.NBT.B.3	Module 11	11.1, 11.2, 11.3, 11.4	1 Week
	1.NBT.C.5	Module 12	12.8	1 Day
Exploring Addition and Subtraction Within 100	1.NBT.C.4	Modules 12 & 13	12.1, 12.3, 12.4, 12.5, 12.6, 12.7, 13.1, 13.2, 13.4, 13.6	2 Weeks 1 Day
	1.NBT.C.6	Modules 12 & 13	12.2, 12.3, 13.1, 13.3, 13.4, 13.6	1 Week 3 Days
	1.OA.B.3	Module 3	3.1, 3.2, 3.3, 3.4, 3.5	1 Week
	1.OA.C.5	Modules 1 & 2	1.2, 2.2, 2.3	1 Week
	1.OA.D.7	Modules 3 & 11	3.6, 11.3	2 Days
	1.NBT.A.1	Module 10	10.1, 10.5, 10.6	3 Days

	1.NBT.B.2	Modules 9 & 10	9.1, 9.2, 9.3, 10.1, 10.4, 10.5, 10.6	1 Week 3 Days
Defining Attributes of 2-D and 3-D Shapes	1.G.A.1 1.G.A.2	Modules 14 & 15 Modules 14 & 15	14.1, 15.1, 15.2 14.2, 14.3, 15.3, 15.4, 15.5	4 Days 1 Week
Partitioning Circles and Rectangles	1.G.A.3	Module 16	16.1, 16.2, 16.3, 16.4	4 Days
Measuring Length with Non-Standard Units	1.MD.A.1 1.MD.A.2	Module 17 Module 17	17.1, 17.2 17.3, 17.4	2 Days 2 Days
Time to the Hour and Half-Hour	1.MD.B.3 1.G.A.3	Module 18 Module 16	18.1, 18.2, 18.3, 18.4 16.1, 16.2, 16.3, 16.4	4 Days 4 Days

Scope and Sequence

If a district uses this resource to implement the state model curriculum for grade 6, the following scope and sequence should be followed to ensure alignment and attention to the progressions of mathematics.

Order	Unit Number/Title and Lessons	Lesson Objectives	# of days (assume 1 hour of instruction)	Number of weeks
1	Lesson 1.1 Represent Addition	Solve addition word problems and represent addition in different ways, such as with objects, drawings, and equations.	1	
2	Lesson 1.2 Count On	Use counting on as a strategy to solve addition facts.	2	
3	Lesson 1.3 Add 10 and More	Use ten frames to find the sum of 10 and a number less than 10.	1	
4	Lesson 1.4 Make a 10 to Add	Use the make a ten strategy to solve addition facts.	2	
5	Lesson 1.5 Add Doubles	Represent and solve doubles facts.	1	
6	Lesson 1.6 Use Known Sums to Add	Use doubles facts to solve other addition facts.	1	
7	Lesson 1.7 Choose a Strategy to Add	Apply strategies such as making a ten, counting on, and using doubles to solve addition word problems.	2	Module 1 – 2 Weeks
8	Lesson 2.1 Represent Subtraction	Solve subtraction word problems and represent	1	

		subtraction in different ways, such as with objects, drawings, and equations.		
9	Lesson 2.2 Count Back	Use counting back as a strategy to solve basic subtraction facts.	2	
10	Lesson 2.3 Count On to Subtract	Use counting on as a strategy to solve basic subtraction facts.	1	
11	Lesson 2.4 Add to Subtract	Use addition to solve basic subtraction facts.	1	
12	Lesson 2.5 Use 10 to Subtract	Use making a ten as a strategy to solve basic subtraction facts.	2	
13	Lesson 2.6 Choose a Strategy to Subtract	Choose a strategy to solve word problems involving basic subtraction facts.	2	Module 2 – 1 Week 4 Days
14	Lesson 3.1 Represent Addition in Any Order	Represent the Commutative property of addition for sums within 20.	1	
15	Lesson 3.2 Add in Any Order	Understand and apply the Commutative property of addition for sums within 20.	1	
16	Lesson 3.3 Represent Addition of 3 Numbers	Represent the Associative property of addition for sums within 20.	1	
17	Lesson 3.4 Add 3 Numbers	Understand and apply the Associative property of addition for sums within 20.	1	
18	Lesson 3.5 Add 3 Numbers to Solve Problems	Use the Associative property of addition to solve word problems within 20.	1	
19	Lesson 3.6 Determine Equal and Not Equal	Analyze equations to determine whether they are true or false.	1	
20	Lesson 3.7 Develop Fluency in Addition	Develop fluency for addition within 10.	1	Module 3 – 1 Week 2 Days
21	Lesson 4.1 Think Addition to Subtract	Use addition to solve subtraction facts.	2	

22	Lesson 4.2 Represent Related Facts	Represent related facts using objects, pictures, and equations.	1	
23	Lesson 4.3 Identify Related Facts	Understand how to determine if facts are related to each other.	1	
24	Lesson 4.4 Use Addition to Check Subtraction	Use a related addition fact to check subtraction.	1	
25	Lesson 4.5 Use Subtraction to Find an Unknown Addend	Use the relationship between addition and subtraction to find an unknown addend.	1	
26	Lesson 4.6 Solve for the Unknown Addend	Use subtraction to solve word problems with an unknown addend.	1	
27	Lesson 4.7 Develop Fluency in Subtraction	Develop fluency with subtraction within 10.	1	Module 4 – 1 Week 3 Days
28	Lesson 5.1 Represent Result Unknown Problems with Objects and Drawings	Use objects and drawings to show Add To and Take From Result Unknown problems, write equations that match the problem, and solve the problem.	1	
29	Lesson 5.2 Represent Change Unknown Problems with Objects and Drawings	Use objects and drawings to show Add To and Take From Change Unknown problems, write equations that match the problem, and solve the problem.	1	
30	Lesson 5.3 Represent Start Unknown Problems with Objects and Drawings	Use objects and drawings to show Add To and Take From Start Unknown problems, write equations that match the problem, and solve the problem.	1	
31	Lesson 5.4 Solve Add To and Take From Problems	Use objects and drawings to show Add To and Take From Result Unknown, Change Unknown, or Start Unknown word problems and write	2	Module 5 – 1 Week

		equations that match the problem and solve the problem.		
32	Lesson 6.1 Represent Total Unknown Problems with Objects and Drawings	Use objects and drawings to show Put Together Total Unknown word problems, write an equation that matches the problem, and solve the problem.	1	
33	Lesson 6.2 Represent Both Addends Unknown Problems with Objects and Drawings	Use objects and drawings to show Put Together and Take Apart Both Addends Unknown word problems, write an equation that matches the problem, and solve the problem.	1	
34	Lesson 6.3 Represent Addend Unknown Problems with Objects and Drawings	Use objects and drawings to show Put Together Addend Unknown word problems, write an equation that matches the problem, and solve the problem.	1	
35	Lesson 6.4 Represent Total Unknown Problems with a Visual Model	Use visual models to show Put Together problems where the total is unknown, write an equation that matches the problem, and solve the problem.	2	
36	Lesson 6.5 Represent Addend Unknown and Both Addends Unknown Problems with a Visual Model	Use visual models to show Put Together and Take Apart problems where one or both addends are unknown, write an equation that matches the problem, and solve the problem.	2	
37	Lesson 6.6 Solve Put Together and Take Apart Problems	Use visual models to show Put Together and Take Apart problems, write an equation	1	

		that matches the problem, and solve the problem.		
38	Lesson 6.7 Solve Addition and Subtraction Problems	Solve Add To, Take From, Put Together, and Take Apart problems and write an equation that matches the problem.	2	Module 6 – 2 Weeks
39	Lesson 7.1 Represent Difference Unknown Problems with Objects and Drawings	Solve Difference Unknown word problems by comparing.	1	
40	Lesson 7.2 Represent Bigger Unknown Problems with Objects and Drawings	Solve Bigger Unknown word problems by comparing.	1	
41	Lesson 7.3 Represent Smaller Unknown Problems with Objects and Drawings	Solve Smaller Unknown word problems by comparing.	1	
42	Lesson 7.4 Represent Difference Unknown Problems with a Visual Model	Solve Difference Unknown word problems by comparing using a visual model.	2	
43	Lesson 7.5 Represent Bigger Unknown and Smaller Unknown Problems with a Visual Model	Solve Bigger Unknown and Smaller Unknown word problems by comparing using a visual model.	2	
44	Lesson 7.6 Use Strategies to Solve Compare Problems	Solve all Compare problem types using strategies.	1	
45	Lesson 7.7 Solve Addition and Subtraction Situations	Solve different types of addition and subtraction situation problems.	2	Module 7 – 2 Weeks
46	Lesson 8.1 Interpret Picture Graphs	Understand how to read a picture graph - where each picture represents one and use data shown by the picture graph to answer questions.	1	
47	Lesson 8.2 Represent Data with Picture Graphs	Make a picture graph where each picture represents one and use data shown by the	1	

		picture graph to answer questions.		
48	Lesson 8.3 Interpret Tally Charts	Understand how data is shown by a tally chart and use data shown by tallies in a tally chart to answer questions.	1	
49	Lesson 8.4 Represent Data with Tally Charts	Make a tally chart and use data shown by the tally chart to answer questions.	1	
50	Lesson 8.5 Interpret Bar Graphs	Understand how to read a bar graph and use data shown by the bar graph to answer questions.	1	
51	Lesson 8.6 Represent Data with Bar Graphs	Make a bar graph and use data shown by the bar graph to answer questions.	1	
52	Lesson 8.7 Use Data to Solve Problems	Make and use a tally chart or bar graph to solve problems.	1	Module 8 – 1 Week 2 Days
53	Lesson 9.1 Make Ten and Ones	Represent numbers 11-19 as 1 ten and ones using objects, drawings, and numerals.	1	
54	Lesson 9.2 Understand Ten and Ones	Represent numbers 11-19 as 1 ten and some ones using objects and drawings. Write to represent equivalent forms of 1 ten and some ones.	1	
55	Lesson 9.3 Make Tens	Represent groups of ten in the range 10-90 with objects, drawings, and numerals.	1	Module 9 – 3 Days
56	Lesson 10.1 Count to 120	Count forward by ones from any number to 120.	1	
57	Lesson 10.2 Represent Numbers as Tens and Ones with Objects	Represent two-digit numbers as tens and ones using objects and numbers.	1	
58	Lesson 10.3 Represent Numbers as Tens and Ones with Drawings	Represent two-digit numbers as tens and ones using drawings and numbers.	1	

59	Lesson 10.4 Decompose Numbers in Different Ways	Show two-digit numbers and tens and ones in more than one way.	2	
60	Lesson 10.5 Represent, Read, and Write Numbers from 100 to 110	Read and write numbers from 100 to 110 and represent them as tens and ones using objects or pictures.	1	
61	Lesson 10.6 Represent, Read, and Write Numbers from 110 to 120	Read and write numbers from 110 to 120 and represent them as tens and ones using objects or pictures.	1	Module 10 – 1 Week 2 Days
62	Lesson 11.1 Understand Greater Than	Use concrete modeling with tens and ones to compare two-digit numbers and determine which number is greater.	1	
63	Lesson 11.2 Understand Less Than	Use concrete modeling with tens and ones to compare two-digit numbers and determine which number is less.	1	
64	Lesson 11.3 Use Symbols to Compare	Use place value and the symbols $>$, $<$, and $=$ to compare numbers.	1	
65	Lesson 11.4 Compare Numbers	Compare two-digit numbers to solve problems.	2	Module 11 – 1 Week
66	Lesson 12.1 Represent Adding Tens	Add tens to decade numbers.	1	
67	Lesson 12.2 Represent Subtracting Tens	Subtract tens from decade numbers.	1	
68	Lesson 12.3 Add or Subtract Tens	Add and subtract multiples of ten from decade numbers. Write and solve equations that match the word problems.	1	
69	Lesson 12.4 Use a Hundred Chart to Add	Use a hundred chart to add ones and tens to a two-digit number and write the	1	

		equation that matches the problem.		
70	Lesson 12.5 Represent Addition with Tens and Ones	Use concrete models to add multiples of ten or ones to two-digit numbers and write equations to solve the problem.	1	
71	Lesson 12.6 Represent Make Ten to Add	Add a two-digit number and a one-digit number by making a ten using concrete models and visual models and write an equation to show the problem.	2	
72	Lesson 12.7 Represent Make Ten to Add with a Visual Model	Use an open number line to add tens and ones to two-digit numbers by making a ten and write an equation to show the problem.	1	
73	Lesson 12.8 Use Mental Math to Find 10 Less and 10 More	Use mental math to find 10 less than and 10 more than a number.	1	Module 12 – 1 Week 4 Days
74	Lesson 13.1 Use a Hundred Chart to Show Two-Digit Addition and Subtraction	Use a hundred chart to add tens to two-digit number and subtract tens from multiples of ten.	1	
75	Lesson 13.2 Understand and Explain Place Value Addition	Add two-digit numbers within 100 using place value.	1	
76	Lesson 13.3 Understand and Explain Place Value Subtraction	Subtract multiples of ten from multiples of ten using place value.	1	
77	Lesson 13.4 Solve Two-Digit Addition and Subtraction Problems	Choose a strategy to solve two-digit addition and subtraction word problems within 100.	1	
78	Lesson 13.5 Practice Facts to 20	Apply strategies to solve addition and subtraction facts to 20.	1	

79	Lesson 13.6 Practice Two-Digit Addition and Subtraction	Solve word problems by adding two-digit numbers within 100 and by subtracting multiples of ten from multiples of ten.	1	Module 13 – 1 Week 1 Day
80	Lesson 14.1 Describe and Draw Three-Dimensional Shapes	Describe, build, and draw three-dimensional shapes.	2	
81	Lesson 14.2 Compose Three-Dimensional Shapes	Combine three-dimensional shapes to make composite shapes.	1	
82	Lesson 14.3 Make New Three-Dimensional Shapes	Make a new combined shape by putting together multiple composite shapes.	1	Module 14 – 4 Days
83	Lesson 15.1 Sort Two-Dimensional Shapes by Attribute	Use attributes to sort and describe two-dimensional shapes.	1	
84	Lesson 15.2 Describe and Draw Two-Dimensional Shapes	Build and draw two-dimensional shapes using attributes such as straight sides and vertices.	1	
85	Lesson 15.3 Compose Two-Dimensional Shapes	Combine two-dimensional shapes to make a composite shape.	1	
86	Lesson 15.4 Identify Composite Shapes	Combine two-dimensional shapes to make a composite shape, including shapes that have straight and curved sides.	1	
87	Lesson 15.5 Make New Two-Dimensional Shapes	Combine composite shapes to make a new shape.	1	Module 15 – 1 Week
88	Lesson 16.1 Take Apart Two-Dimensional Shapes	Show same-size shapes within a circle or rectangle.	1	
89	Lesson 16.2 Identify Equal or Unequal Shares	Identify equal or unequal shares in a circle or rectangle.	1	
90	Lesson 16.3 Partition Shapes into Halves	Separate circles and rectangles into halves and describe the whole as two of the shares.	1	

91	Lesson 16.4 Partition Shapes into Fourths	Separate circles and rectangles into fourths and describe the whole as four of the shares.	1	Module 16 – 4 Days
92	Lesson 17.1 Order Length	Order three objects by length.	1	
93	Lesson 17.2 Use Indirect Measurement to Compare Length	Compare two lengths using the length of a third object indirectly.	1	
94	Lesson 17.3 Use Nonstandard Units to Measure Length	Use nonstandard units that are the same size to measure the length of objects.	1	
95	Lesson 17.4 Make a Nonstandard Measuring Tool	Use nonstandard units to make a measuring tool to measure the length of objects.	1	Module 17 – 4 Days
96	Lesson 18.1 Understand Time to the Hour	Tell and write time to the hour using analog clocks.	1	
97	Lesson 18.2 Understand Time to the Half Hour	Tell and write time to the half hour using analog clocks.	1	
98	Lesson 18.3 Tell Time to the Hour and Half Hour	Tell and write time to the hour and half hour on analog and digital clocks.	1	
99	Lesson 18.4 Practice Time to the Hour and Half Hour	Practice telling and writing time to the hour and half hour on analog and digital clocks.	1	Module 18 – 4 Days

Supports of Diversity, Equity and Inclusion

Please provide any information relative to supporting culturally responsive instruction, multi-language learners, and students with disabilities

Into Math is a comprehensive instructional program that is specifically designed to support the diverse needs of all students, including those who are culturally and linguistically diverse, as well as those who need more supports. Into Math is built on a foundation of research-based instructional strategies and provides a wealth of resources for teachers to support the learning of all students.

One of the key features of Into Math is the inclusion of learning mindset prompts, which encourage students to develop a growth mindset and believe in their ability to succeed in mathematics. These prompts are integrated throughout the program and provide students with the tools they need to persevere through challenges and become confident and successful learners.

In addition to the learning mindset prompts, Into Math also includes guiding questions and supports for teachers to identify students who may require additional assistance or support. This allows teachers to provide targeted in time support and interventions to those students who need it most. Detailed information is provided to teachers about students' prior learning, current development, and future connections to be made, which enables teachers to differentiate instruction effectively.

A strong emphasis is placed on language development and provides teachers with a variety of resources, such as Three Reads, which support sense making, and suggestions for connecting language to various concepts, as well as key academic vocabulary for each module. These resources are designed to help teachers support the language development of multilingual learners and ensure that they have the language skills they need to access the mathematics curriculum.

Additionally, Into Math is designed to be culturally responsive and inclusive to all students. It provides teachers with resources and strategies to address cultural and linguistic diversity, and strategies for building positive relationships with students. This approach to instruction acknowledges and values the cultures, languages, and backgrounds of all students and helps to create an inclusive and equitable learning environment.

Into Math offers tiered interventions, additional practice, and math center options to support students with various learning needs. These interventions are designed to provide students with additional support and practice in areas where they may be struggling, and the math center options provide students with hands-on, interactive activities that help to make math more engaging and accessible.