Ways to Add and Subtract

Topic	Standards	Length of Time	Key Content	Vocabulary	Assessment Tools	Scaffolding Strategies	Resources & Materials
Addition Strategies	CC.2.2.1.A.1 CC.2.2.1.A.2	Approximately 2 weeks	• Represent addition in different ways – objects, drawings, and equations • Use counting on as a strategy to solve addition facts • Use ten frames to solve addition facts • Use the *make a ten* strategy • Represent and solve doubles facts • Use doubles facts to solve other addition facts • Apply strategies to solve word problems	• add • equation • is equal to (=) • plus (+) • sum • count on • make a ten • doubles	HMH Into Math Module 1 Assessment	• Reteach and Challenge activities • Hands-on manipulatives • Small group instruction • Visuals	HMH Into Math
Subtraction Strategies	CC.2.2.1.A.1 CC.2.2.1.A.2	Approximately 2 weeks	• Represent subtraction in different ways – objects, drawings, and equations • Use counting back, counting on, addition, and making a ten as strategies to solve basic subtraction facts	• equation • subtract • difference • minus (-) • count back • count on • make a ten	HMH Into Math Module 2 Assessment	• Reteach and Challenge activities • Hands-on manipulatives • Small group instruction • Visuals	HMH Into Math

			Apply strategies to solve word problems involving basic subtraction facts				
Properties of Operations	CC.2.2.1.A.1 CC.2.2.1.A.2	Approximately 1.5 weeks	• Represent the Commutative and Associative properties of addition for sums within 20 • Use the Associative property to solve word problems within 20 • Analyze equations to determine whether they are true or false • Develop fluency for addition within 10	• addends	HMH Into Math Module 3 Assessment	• Reteach and Challenge activities • Hands-on manipulatives • Small group instruction • Visuals	HMH Into Math
Apply the Addition and Subtraction Relationship	CC.2.2.1.A.1 CC.2.2.1.A.2	Approximately 1.5 weeks	• Use addition to solve subtraction facts • Represent related facts using objects, pictures, and equations • Understand how to determine if facts are related to each other • Use a related addition fact to check subtraction	• related facts • addend	HMH Into Module 4 Assessment	• Reteach and Challenge activities • Hands-on manipulatives • Small group instruction • Visuals	HMH Into Math

			Key Content				
			- Use the relationship between addition and subtraction to find an unknown addend - Use subtraction to solve word problems with an unknown addend - Develop fluency with subtraction within 10				

Addition and Subtraction Situations

Topic	Standards	Length of Time	Key Content	Vocabulary	Assessment Tools	Scaffolding Strategies	Resources & Materials
Addition and Subtraction	CC.2.2.1.A.1 CC.2.2.1.A.2	Approximately 5 weeks	- Use objects and drawings to show add to, take from, put together, and take apart problems - Write an equation for add to, take from, put together, and take apart problems - Solve add to, take from, put together, and take apart problems	- equation - fewer - more	HMH Into Math Module 5, 6, and 7 Assessments	- Reteach and Challenge activities - Hands-on manipulatives - Small group instruction - Visuals	HMH Into Math

			Key Content				
			• Add to – result, change, and start unknown • Take from – result, change, and start unknown • Put together – total and addend unknown • Take apart – total and addend unknown • Solve difference unknown, bigger unknown, and smaller unknown word problems by comparing				

Data

Topic	Standards	Length of Time	Key Content	Vocabulary	Assessment Tools	Scaffolding Strategies	Resources & Materials
Data	CC.2.4.1.A.4	Approximately 2 weeks	• Understand how to read a picture graph, tally chart, and bar graph • Make a picture graph, tally chart, and bar graph • Answer questions about data in a picture graph, tally	• picture graph • tally marks • tally chart • bar graph	HMH Into Math Module 8 Assessment	• Reteach and Challenge activities • Hands-on manipulatives • Small group instruction • Visuals	HMH Into Math

			chart, and bar graph				

Place Value Concepts

Topic	Standards	Length of Time	Key Content	Vocabulary	Assessment Tools	Scaffolding Strategies	Resources & Materials
Count and Represent Numbers	CC.2.1.1.B.1 CC.2.1.1.B.2	Approximately 3 weeks	• Represent teen numbers as 1 ten and ones using objects, drawings, and numerals • Represent groups of ten from 10-90 with objects, drawings, and numerals • Count forward by ones from any number to 120 • Represent two digit numbers as tens and ones using objects, drawings, and numbers • Show two digit numbers as tens and ones in more than one way • Read and write numbers from 100-120 and represent them as tens and	• ones • tens	HMH Into Math Module 9 and 10 Assessments	• Reteach and Challenge activities • Hands-on manipulatives • Small group instruction • Visuals	HMH Into Math

Topic	Standards	Length of Time	Key Content	Vocabulary	Assessment Tools	Scaffolding Strategies	Resources & Materials
			ones using objects or pictures				
Compare Numbers	CC.2.1.1.B.2	Approximately 1 week	• Use concrete modeling with tens and ones to compare two digit numbers • Use place value and the symbols <, >, and = to compare numbers	• is greater than • is less than • = • <, >	HMH Into Math Module 11 Assessment	• Reteach and Challenge activities • Hands-on manipulatives • Small group instruction • Visuals	HMH Into Math

Addition and Subtraction in Base-Ten

Topic	Standards	Length of Time	Key Content	Vocabulary	Assessment Tools	Scaffolding Strategies	Resources & Materials
Addition and Subtraction with Tens and Ones	CC.2.1.1.B.3	Approximately 2 weeks	• Add and subtract multiples of ten • Add multiples of ten to a two-digit number • Add a two-digit number and a one-digit number • Use mental math to find 10 more and 10 less	• equations • tens • ones	HMH Into Math Module 12 Assessment	• Reteach and Challenge activities • Hands-on manipulatives • Small group instruction • Visuals	HMH Into Math
Two-Digit Addition and Subtraction	CC.2.1.1.B.3	Approximately 1.5 weeks	• Add two-digit numbers within 100 using place value	• count on • make a ten • tens • ones	HMH Into Math Module 13 Assessment	• Reteach and Challenge activities	HMH Into Math

							Hands-on manipulatives	
							Small group instruction	
							Visuals	

Geometry

Topic	Standards	Length of Time	Key Content	Vocabulary	Assessment Tools	Scaffolding Strategies	Resources & Materials
Three-Dimensional Shapes	CC.2.3.1.A.1	Approximately 1 week	• Describe, build, and draw three-dimensional shapes • Combine three-dimensional shapes to make composite shapes • Make a new combined shape by putting together multiple composite shapes	• curved surface • flat surface • cone • cube • cylinder • rectangular prism • sphere	HMH Into Math Module 14 Assessment	• Reteach and Challenge activities • Hands-on manipulatives • Small group instruction • Visuals	HMH Into Math
Two-Dimensional Shapes	CC.2.3.1.A.1	Approximately 1 week	• Use attributes to sort and describe two-dimensional shapes • Build and draw two-dimensional shapes using attributes	• circle • rectangle • square • triangle • side • vertex • hexagon • trapezoid	HMH Into Math Module 15 Assessment	• Reteach and Challenge activities • Hands-on manipulatives • Small group instruction • Visuals	HMH Into Math

			• Combine two-dimensional shapes to make a composite shape • Combine composite shapes to make a new shape				
Fraction Foundations	CC.2.3.1.A.2	Approximately 1 week	• Show same-size shapes within a circle or rectangle • Identify equal or unequal shares • Separate shapes into halves and fourths	• circle • square • equal shares • unequal shares • halves • half of • fourths • fourth of • quarters • quarter of	HMH Into Math Module 16 Assessment	• Reteach and Challenge activities • Hands-on manipulatives • Small group instruction • Visuals	HMH Into Math

Measurement

Topic	Standards	Length of Time	Key Content	Vocabulary	Assessment Tools	Scaffolding Strategies	Resources & Materials
Measure Length	CC.2.4.1.A.1	Approximately 1 week	• Order three objects by length • Compare two lengths using the length of a third object indirectly • Use nonstandard units that are the	• length • longer / longest • shorter / shortest	HMH Into Math Module 17 Assessment	• Reteach and Challenge activities • Hands-on manipulatives • Small group instruction • Visuals	HMH Into Math

			same size to measure the length of an object				
Measure Time	CC.2.4.1.A.2	Approximately 1 week	• Tell and write time to the hour and half hour using analog and digital clocks	• hour hand • hour • half past • half hour • minute hand • minutes	HMH Into Math Module 18 Assessment	• Reteach and Challenge activities • Hands-on manipulatives • Small group instruction • Visuals	HMH Into Math