Lesson 1.1 ESSENTIAL QUESTION:

How can manipulatives help you solve a problem?

Lesson 1.2 ESSENTIAL QUESTION:

How do you add to a group?

Lesson 1.3 ESSENTIAL QUESTION:

How do pictures show adding to?

Lesson 1.4 ESSENTIAL QUESTION:

How do you find the whole?

Lesson 1.5 ESSENTIAL QUESTION:

What happens when you add 0 to a number?

Lesson 1.6 ESSENTIAL QUESTION:

Why can you add addends in any order?

Lesson 1.7 ESSENTIAL QUESTION:

How can you use a pattern to show all the ways to make a number?

Lesson 1.8 ESSENTIAL QUESTION:

Why is the sum the same whether you add across or add down?

Lesson 2.1 ESSENTIAL QUESTION:

How do you solve subtraction story problems with manipulatives?

Lesson 2.2 ESSENTIAL QUESTION:

How do you model taking away from a group?

Lesson 2.3 ESSENTIAL QUESTION:

How can you use pictures to show taking away?

Lesson 2.4 ESSENTIAL QUESTION:

What happens when you subtract 0 from a number?

Lesson 2.5 ESSENTIAL QUESTION:

How can you use a pattern to find all the ways to take apart a number?

Lesson 2.6 ESSENTIAL QUESTION:

Why is the difference the same whether you subtract across or subtract down?

Lesson 2.7 ESSENTIAL QUESTION:

How do you find a missing part?

Lesson 2.8 ESSENTIAL QUESTION:

How do you compare groups to subtract?

Lesson 2.9 ESSENTIAL QUESTION:

How can you use pictures to compare groups and subtract?

Lesson 3.1 ESSENTIAL QUESTION:

What happens if you change the order of the addends when you add?

Lesson 3.2 ESSENTIAL QUESTION:

What are some ways to find sums for facts?

Lesson 3.3 ESSENTIAL QUESTION:

How can you count on 1 or 2 to find a sum?

Lesson 3.4 ESSENTIAL QUESTION:

How do you use a number line to count on 1, 2, or 3?

Lesson 3.5 ESSENTIAL QUESTION:

What are doubles facts?

Lesson 3.6 ESSENTIAL QUESTION:

How can you use what you know about doubles to find other sums?

Lesson 3.7 ESSENTIAL QUESTION:

What strategies can you use to solve addition fact problems?

Lesson 3.8 ESSENTIAL QUESTION:

How can you use a ten frame to add 10 and some more?

Lesson 3.9 ESSENTIAL QUESTION:

How do you use the make a ten strategy to add?

Lesson 3.10 ESSENTIAL QUESTION:

How can you add 3 numbers?

Lesson 3.11 ESSENTIAL QUESTION:

How can you group numbers to add three addends?

Lesson 3.12 ESSENTIAL QUESTION:

How can drawing a diagram help you solve a problem?

Lesson 4.1 ESSENTIAL QUESTION:

What ways can you create to subtract?

Lesson 4.2 ESSENTIAL QUESTION:

How can you use a number line to count back 1 or 2?

Lesson 4.3 ESSENTIAL QUESTION:

How can you use a number line to count back 3?

Lesson 4.4 ESSENTIAL QUESTION:

How can acting out a problem help you solve the problem?

Lesson 4.5 ESSENTIAL QUESTION:

How can you use an addition fact to find the answer to a subtraction fact?

Lesson 4.6 ESSENTIAL QUESTION:

How can you use addition to help you find the answer to a subtraction fact?

Lesson 5.1 ESSENTIAL QUESTION:

How are addition and subtraction opposite?

Lesson 5.2 ESSENTIAL QUESTION:

How can you use pictures to know whether to add or subtract to solve a problem?

Lesson 5.3 ESSENTIAL QUESTION:

How do you know if addition and subtraction facts are opposite?

Lesson 5.4 ESSENTIAL QUESTION:

What models can you make to show a fact family?

Lesson 5.5 ESSENTIAL QUESTION:

How do fact families help you find sums and differences?

Lesson 5.6 ESSENTIAL QUESTION:

How can drawing a diagram help you solve a problem?

Lesson 5.7 and 5.8 ESSENTIAL QUESTION:

How can you use a related fact to find a missing number?

Lesson 5.9 ESSENTIAL QUESTION:

How can different ways to add and subtract make the same number?

Lesson 5.10 ESSENTIAL QUESTION:

How can connecting cubes help you find new ways to show a number?

Lesson 6.1 ESSENTIAL QUESTION:

How can you model and describe groups of ten?

Lesson 6.2 ESSENTIAL QUESTION:

How can you show a number as ten and ones?

Lesson 6.3 ESSENTIAL QUESTION:

What ways can you write a number as ten and ones?

Lesson 6.4 ESSENTIAL QUESTION:

How can you group cubes to show a number as a group of tens and ones to 50?

Lesson 6.5 ESSENTIAL QUESTION:

How can you group cubes to show a number as a group of tens and ones to 100?

Lesson 6.6 ESSENTIAL QUESTION:

How can you use manipulatives to solve a problem?

Lesson 7.1 ESSENTIAL QUESTION:

How can you use models to compare numbers?

Lesson 7.2 ESSENTIAL QUESTION:

How can you compare two numbers to find which is greater?

Lesson 7.3 ESSENTIAL QUESTION:

How can you compare two numbers to find which is less?

Lesson 7.4 ESSENTIAL QUESTION:

How can you use symbols to compare numbers?

Lesson 7.5 ESSENTIAL QUESTION:

How are numbers arranged on a number line?

Lesson 7.6 ESSENTIAL QUESTION:

How can drawing a diagram help you solve a problem?

Lesson 7.7 ESSENTIAL QUESTION:

How can comparing numbers help you put them in order?

Lesson 7.8 ESSENTIAL QUESTION:

How can you use a number line to help you order numbers?

Lesson 7.9 ESSENTIAL QUESTION:

How can place value help you put numbers in order?

Lesson 8.1 ESSENTIAL QUESTION:

How can knowing the counting pattern help you count forward and backward?

Lesson 8.2 ESSENTIAL QUESTION:

How does a number line help you skip count?

Lesson 8.3 ESSENTIAL QUESTION:

What counting patterns do you see on a hundred chart?

Lesson 8.4 ESSENTIAL QUESTION:

How do you extend a number pattern?

Lesson 8.5 ESSENTIAL QUESTION:

What do you look for when describing a number pattern?

Lesson 8.6 ESSENTIAL QUESTION:

How can drawing a diagram help you solve a problem?

Lesson 9.1 ESSENTIAL QUESTION:

How do you model adding two-digit numbers?

Lesson 9.2 ESSENTIAL QUESTION:

How can you add tens?

Lesson 9.3 ESSENTIAL QUESTION:

How can you find the sum when you add a two-digit number and a one-digit number?

Lesson 9.4 ESSENTIAL QUESTION:

How do you add 2 two-digit numbers?

Lesson 9.5 ESSENTIAL QUESTION:

How can breaking apart tens and ones help you find sums?

Lesson 9.6 ESSENTIAL QUESTION:

How can using manipulatives help you find an easier way to solve a problem?

Lesson 9.7 ESSENTIAL QUESTION:

How do you subtract two-digit numbers?

Lesson 9.8 ESSENTIAL QUESTION:

How can you subtract tens?

Lesson 9.9 ESSENTIAL QUESTION:

How can you find the difference when you subtract a one-digit number from a two-digit number?

Lesson 9.10 ESSENTIAL QUESTION:

How do you subtract 2 two-digit numbers to find the difference?

Lesson 9.11 ESSENTIAL QUESTION:

How can separating tens and ones help you find differences?

Lesson 10.1 ESSENTIAL QUESTION:

How can you describe and sort three-dimensional shapes?

Lesson 10.2 ESSENTIAL QUESTION:

What attributes can you use to sort three-dimensional shapes?

Lesson 10.3 ESSENTIAL QUESTION:

How are three-dimensional shapes the same and different?

Lesson 10.4 ESSENTIAL QUESTION:

What two-dimensional shapes do you see on the faces of three-dimensional shapes?

Lesson 10.5 ESSENTIAL QUESTION:

How can you sort two-dimensional shapes?

Lesson 10.6 ESSENTIAL QUESTION:

How can you describe how to classify two-dimensional shapes?

Lesson 10.7 ESSENTIAL QUESTION:

How can you put two-dimensional shapes together to make new two-dimensional shapes?

Lesson 10.8 ESSENTIAL QUESTION:

How can using manipulatives help you solve a problem?

Lesson 10.9 ESSENTIAL QUESTION:

How can you combine two-dimensional shapes to make new two-dimensional shapes?

Lesson 10.10 ESSENTIAL QUESTION:

How can you combine three-dimensional shapes to make new three-dimensional shapes?

Lesson 10.11 ESSENTIAL QUESTION:

How can you take apart three-dimensional shapes?

Lesson 11.1 ESSENTIAL QUESTION:

How can you use models to extend repeating patterns?

Lesson 11.2 ESSENTIAL QUESTION:

How can you extend repeating color patterns?

Lesson 11.3 ESSENTIAL QUESTION:

How can you extend other kinds of repeating patterns?

Lesson 11.4 ESSENTIAL QUESTION:

How can acting it out help you find a pattern?

Lesson 11.5 ESSENTIAL QUESTION:

How can you find the missing part in a repeating pattern?

Lesson 11.6 ESSENTIAL QUESTION:

How can you use models to extend growing patterns?

Lesson 11.7 ESSENTIAL QUESTION:

How can you extend a growing pattern?

Lesson 11.8 ESSENTIAL QUESTION:

How can you find the missing part of a growing pattern?

Lesson 12.1 ESSENTIAL QUESTION:

How do you compare the lengths of objects by using shorter and longer?

Lesson 12.2 ESSENTIAL QUESTION:

How can acting it out help you solve a problem about comparing lengths ?

Lesson 12.3 ESSENTIAL QUESTION:

How do you compare and order objects by length?

Lesson 12.4 ESSENTIAL QUESTION:

How do you measure length using nonstandard units?

Lesson 12.5 ESSENTIAL QUESTION:

How do you measure length using a ruler made with nonstandard units?

Lesson 12.6 ESSENTIAL QUESTION:

How do you compare the weights of objects by using heavier and lighter?

Lesson 12.7 ESSENTIAL QUESTION:

How do you use a balance and nonstandard units to measure objects?

Lesson 12.8 ESSENTIAL QUESTION:

How do you use a balance and nonstandard units to compare objects?

Lesson 12.9 ESSENTIAL QUESTION:

How can you compare objects by weight to put them in order?

Lesson 12.10 ESSENTIAL QUESTION:

How do you compare the capacities of containers to see which can hold more?

Lesson 12.11 ESSENTIAL QUESTION:

How do you use nonstandard units to compare the capacities of containers?

Lesson 12.12 ESSENTIAL QUESTION:

How do you order containers by their capacity?