

Primary Math: Number Sense

Whole Numbers and Fractions: Place Value Concepts and Comparisons

Whole Numbers: Place Value

Students **Learning Continuum Statements:**

Students:

RIT 131-140:

- Reads and writes whole numbers within 20

Students:

RIT 141-150:

- Identifies a given number on a hundreds chart
- Reads and writes whole numbers within 100
- Reads and writes whole numbers within 20

Students:

RIT 151-160:

- Composes a number within 20 given a ten frame
- Identifies the number of groups of ten in a base-ten model
- Reads and writes whole numbers within 100
- Represents given ten frames as a numeral within 20
- Represents whole numbers within 20 with models

Students:

RIT 161-170:

- Composes a number within 100 given a base-ten model
- Composes a number within 20 given a ten frame
- Decomposes a number within 100 into tens and ones
- Identifies a number ten more than a given number on a hundreds chart
- Identifies the number of groups of one hundred in a model
- Identifies the number of groups of ten in a base-ten model
- Reads and writes whole numbers within 1,000
- Reads and writes whole numbers within 100
- Reads and writes whole numbers within 100 with base-ten blocks shown
- Represents a given whole number within 100 with base-ten blocks
- Represents a given whole number within 20 with base-ten blocks
- Represents given base-ten blocks as a numeral, within 20

Students:

RIT 171-180:

- Composes a number within 1,000 given place value terms
- Composes a number within 100 given a base-ten model
- Decomposes a number within 100 into tens and ones
- Decomposes a number within 20 into tens and ones
- Decomposes whole numbers within 1,000 into hundreds, tens, and ones
- Identifies a number ten less than a given number on a hundreds chart

- Identifies a number ten more than a given number on a hundreds chart
- Identifies the number of groups of one hundred in a model
- Identifies the number of groups of ten in a base-ten model
- Identifies the number of tens and ones in a base-ten model
- Identifies the numbers of tens and ones given a model
- Represents a given whole number within 1,000 with base-ten blocks
- Represents a given whole number within 100 with base-ten blocks
- Represents a given whole number within 20 with base-ten blocks
- Represents given base-ten blocks as a numeral, within 20
- Rounds whole numbers within 100 using a number line

Students:

RIT 181-190:

- Composes a number within 1,000 given place value terms
- Identifies a number ten less than a given number on a hundreds chart
- Identifies a number ten less than a given two-digit number
- Identifies a number within 100 given place value terms
- Identifies the number of groups of one hundred in a model
- Identifies the number of tens and ones in a ten frame model
- Identifies the numeral in a given place for numbers within 10,000
- Represents a given whole number within 100 with base-ten blocks
- Rounds whole numbers within 1,000 to the nearest hundred using a number line
- Rounds whole numbers within 100 using a number line

Students:

RIT 191-200:

- Composes a number within 1,000 given place value terms
- Composes numbers that are multiples of one hundred given place-value terms
- Identifies a number 100 less than a given number
- Identifies a number 100 more than a given number
- Reads and writes whole numbers within 10,000 in expanded form
- Rounds whole numbers within 1,000 to the nearest hundred using a number line
- Rounds whole numbers within 1,000 to the nearest ten using a number line
- Understands the value of a digit in whole numbers within 10,000

Students:

RIT 201-210:

- Composes a number within 1,000 given place value terms
- Identifies a number within 1,000 given place value terms