

Mathematics
Unit 5: Number Sense

Essential Understandings	<ul style="list-style-type: none"> ▪ Numbers represent quantity.
Essential Questions	<ul style="list-style-type: none"> ▪ What is a set? ▪ How does one know how many objects are in a set? ▪ What is a number? ▪ How does one compare sets? ▪ How does one use skip counting to count by 10s to 100? ▪ Why estimate?
Essential Knowledge	<ul style="list-style-type: none"> ▪ A set is a collection of items. ▪ The total number of objects in a set can be found by counting. ▪ Counting finds the answer to how many. ▪ A number names a quantity. ▪ Sets can be compared. ▪ Numbers have patterns when one counts. ▪ Estimation is a way to get a reasonable answer.
Vocabulary	<ul style="list-style-type: none"> ▪ <u>Terms:</u> <ul style="list-style-type: none"> ○ set, number, numeral, ones, tens, estimate, model, odd, even, one-to-one correspondence, number line, order, skip-counting, equal
Essential Skills	<ul style="list-style-type: none"> ▪ Demonstrate one to one correspondence when counting sets up to 20. (I, R, A) ▪ Identify and write numerals to 20. (I, R, A) ▪ Write randomly dictated numbers to 20. (I, R, A) ▪ Make and match a set up to 20 to a correct numeral. (I, R, A) ▪ Rote count numbers 0-20 in ascending and descending order. (I, R, A) ▪ Count by 10s to 100. (I, R, A) ▪ Compare two sets up to 20 using greater than, less than, and equal. (I, R, A) ▪ Identify and use the symbol = to compare two sets to 20. (I, R, A) ▪ Estimate a set of up to twenty objects without counting. (I, R, A)
Related Maine Learning Results	<p>A. Number Whole Number A1.Students understand and use number notation and place value to 1000 in numerals.</p> <ul style="list-style-type: none"> a. Read and write numbers to 1000 using numerals. c. Compare and order one-digit, two-digit, and three-digit numbers. <p>D. Algebra Functions and Relations D3.Students understand how to create, identify, describe, and extend patterns given a pattern or rule.</p> <ul style="list-style-type: none"> b. Describe, extend, and create growing patterns.