

UNIT Fourth Grade Mathematics	STUDENT OBJECTIVE	EXAMPLE/ ACTIVITIES	RESOURCES / MATERIALS	ASSESSMENT	WORK – PLACE READINESS STANDARD
Number and Number Theory	Students will understand that numbers have many uses such as counting, measuring, labeling, and location.	Have students keep a 24-hour diary recording all of the ways they use or see others use numbers. Have them pool all of the numbers and classify them into categories that they design. Have students brainstorm ways to describe their math book in terms of numbers: its width, the number of pages and so on.	Diary Pencil Math book Paper and pencil	Teacher Observation Informal assessment Portfolio assessment Workbook and worksheets Tests and quizzes	4.1.4.A.4
Number Sense	Students will read and write whole numbers through hundred millions in standard and expanded form.	Have students work in small groups to model different numbers in expanded and standard form.	Centicubes	Teacher Observation Informal assessment Portfolio assessment Workbook and worksheets Tests and quizzes	4.1.4.A.1
	Students will identify and explore place value to millions using concrete models.	Have students work in pairs to model and name numbers. One student spins the spinner to form a number with the required number of digits, and models the number by using base ten blocks. The partner writes the number and says its name.	Spinner Base ten blocks Paper and pencil	Teacher Observation Informal assessment Portfolio assessment Workbook and worksheets Tests and quizzes	4.1.4.A.2
	Students will compare and order whole numbers, fractions, and decimals.	Have students choose a Cuisenaire rod to represent one whole, and then determine the values of all of the rest of the rods. Then they use the rods to model the comparison of the relative sizes of two fractions with different denominators.	Cuisenaire rods Paper and pencil	Teacher Observation Informal assessment Portfolio assessment Workbook and worksheets Tests and quizzes	4.1.4.A.6
	Students will understand the four basic arithmetic operations using whole numbers.	Use a calculator to calculate how long a million seconds is.	Calculator	Teacher Observation Informal assessment Portfolio assessment Workbook and worksheets Tests and quizzes	4.1.4.A.3