

UNIT Kindergarten Mathematics	STUDENT OBJECTIVE	EXAMPLE / ACTIVITIES	RESOURCES / MATERIALS	ASSESSMENT	WORK – PLACE READINESS STANDARD
Numerical Operations	Students will be able to recognize, formulate, and solve problems arising from mathematical situations and everyday experiences.	Students will develop their own logic problems in connection with a unit in Social Studies on their community. Students will organize and analyze the placement of objects in the town in accordance with the rules they were given and the rules they generated or discovered.	Teachers/students made map of fictitious or real community.	Teacher observation.	4.1.2.B.1
	Students will be able to pose, explore, and solve a variety of problems, including non-routine problems and open-ended problems with several solutions and or solution strategies.	Have student groups investigate different dinosaur sizes and shapes in order to pose their own problems for the others to solve as to the size, color, shape of dinosaurs to determine if a dinosaur will fit into a designated space.	Assortment of dinosaurs Containers Pictures Manipulatives	Teacher observation.	4.1.2.B.1
Data Analysis	Students will be able to construct, explore, justify and apply a variety of problem solving techniques in both cooperative groups and independently in learning environments.	Students will work in groups measuring the classroom and collecting data. Work in pairs to develop the rules for their towns (designate the number of red houses, shapes of windows, etc...)	Objects in classroom Paper and pencils	Teacher observation.	4.4.2.A.1.2
Number Sense	Students will be able to demonstrate an understanding of the concepts of more, less, and the same number.	Using counters, have students compare two groups of objects to show more, less, or the same number.	Counters	Teacher observation Class discussion Worksheets Tests and quizzes	4.1.2.A.3.5
Number Sense	Students will be able to identify ordinal numbers to sixth.	Line up six students. Let other students identify each by position (first, second, third, fourth, fifth, and sixth).		Teacher observation Class discussion Worksheets Tests and quizzes	4.1.2.A.1
Numerical Operations	Students will be able to use a number line to count to 30.	Use large number line on floor. Students will jump and count from number to number	Giant number line	Teacher observation Class discussion Worksheets Tests and quizzes	4.1.2.B.4.5.6.7