Essential Questions for Math Grade K	
Module 1: Classify and count number to 10	• What do the names of numbers mean and how are they related to objects? • What is counting and how can it be used in the real world? • Why do we have to understand numbers? • How can we tell if one group is greater than, less than, or equal to the other group?
Module2: Identify and Describe Shapes	• What shapes can we find in the environment and why are they important? • How do we use shapes in the real world? • How are shapes related?
Module 3: Comparison with Length, Weight, and Numbers to 10	• How and why do we measure things? • How can we and why would we need to sort/classify objects? • How can you compare and order concrete objects? • How do you know which tool to use to measure something? • How is measurement used in the real world?
Module 4: Number Pairs Addition and Subtraction of Numbers to 10	• What is addition and how is it used in the real world? • What is subtraction and how is it used in the real world? • How are addition and subtraction related?
Module 5: Numbers 10 to 20, Counting to 100 by 1's and 10's	• How does counting help us understand numbers in our everyday lives? • Why do we need to know how to count by 1's and 10's? • How are numbers and objects related?
Module 6: Analyze, Compare and Create Shapes	• How do we describe and manipulate the shapes we find as we investigate our environment? • How can you combine shapes to make a new shape? • How are shapes related?