**1st Grade Module 1 Topic Analysis**

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| **Questions About the Topics** | **Answers from the Overview** | **Standards Addressed** |
| **Topic A- Embedded Numbers and Decompositions**   * Students will work with “put together” situations using which numbers in particular? Why? * How will number bonds be used in Topic A? |  |  |
| **Topic B: Counting On From Embedded Numbers**   * How are the “put together” situations in Topic B more complex than the “put together” situations in Topic A? * How are the expressions written related to the stories and the number bonds? |  |  |
| **Topic C: Addition Word Problems**   * What two types of word problems are reviewed from Kindergarten? Label and provide a sample. * What new problem type is introduced? Label and provide a sample. |  |  |
| **Topic D: Strategies for Counting On**   * How would the described use of numerals and dot cards help students count on? * How will the students move beyond the dot cards? |  |  |

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| **Topic E: The Commutative Property of Addition and the Equal Sign**   * Why does it make sense to limit the problems to the “addition to 10” context? * How will the concepts developed in Topic E enable students to be more strategic when they add? |  |  |
| **Topic F: Development of Addition Fluency Within 10**   * What types of addition patterns will students discover in this Topic? * What tool will help students look for repeated reasoning patterns (MP8) and the structure of addition (MP7)? |  |  |
| **Topic G: Subtraction as an Unknown Addend Problem**   * How does this topic expand upon the work done in Topic C and Topic D? |  |  |
| **Topic H: Subtraction Word Problems**   * How does the modeling in the module differ from other modules? * What are the reasons for this difference? |  |  |
| **Topic I: Decomposition Strategies for Subtraction**   * How does Topic I expand upon the work of Topic H? |  |  |
| **Topic J: Development of Subtraction Fluency Within 10**   * What tool will help students look for repeated reasoning patterns (MP8) and the structure of addition (MP7)? * How will these connections help the students build fluency? |  |  |