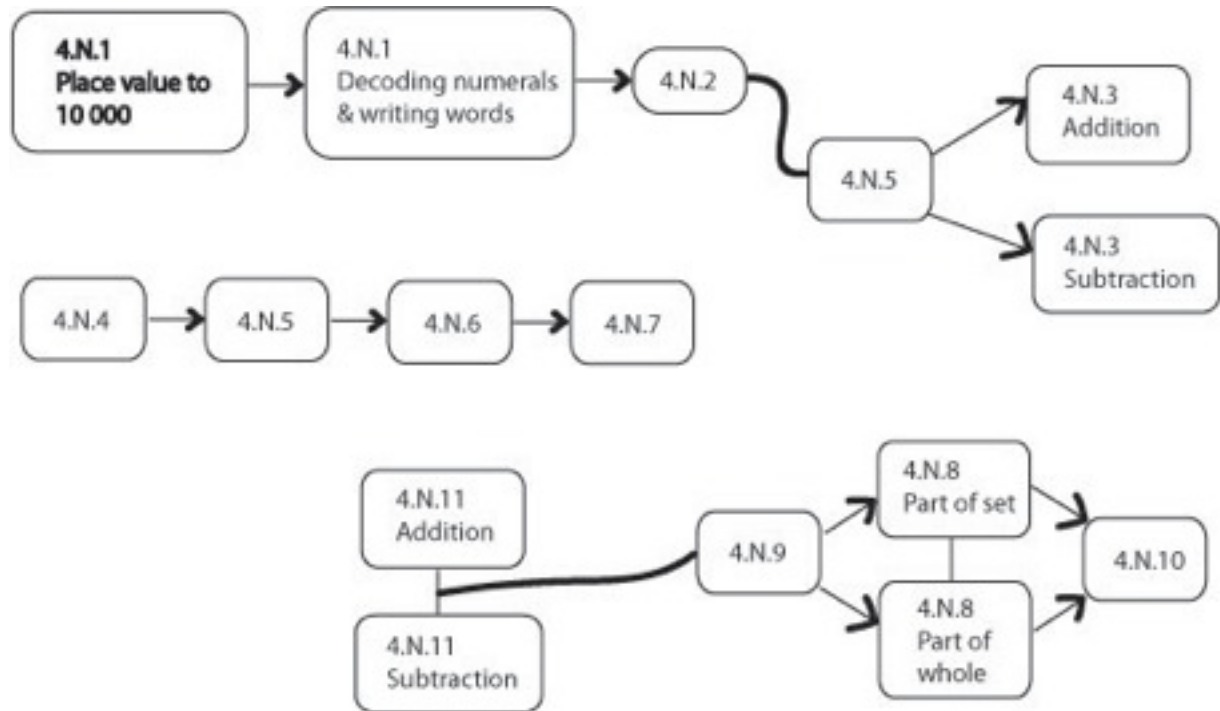


Grade 4 Number strand CASH map



Comments:

- Each cell of the CASH map refers to an outcome or part of an outcome. At least one lesson (consisting of a well-sequenced series of activities) is required to develop the outcome/part of an outcome for each cell.
- There are five bundles: (1) ordering & place value, (2) add/subtract arithmetic, (3) multiplication & division arithmetic, (4) decimal & fraction meaning, and (5) decimal addition & subtraction. Bundle 3 could be developed before or after bundles 4 and 5.
- 4.N.1 (decode & write numerals & number words), 4.N.1 (place value to 10 000), is split into two parts primarily because the parts are conceptually different from each other.
- 4.N.3 (addition), 4.N.3 (subtraction) is split into two parts because the two operations, while related, are conceptually different from each other. At some later time, they should be combined.
- 4.N.11 (addition), 4.N.11 (subtraction) is split into two parts because the two operations, while related, are conceptually different from each other. At some later time, they should be combined.



4.N.8 (part of set), 4.N.8 (part of whole) is split into two parts because these meanings of fraction are conceptually distinct. The sequencing is interchangeable. At some later time, they should be compared to each other (e.g. develop part of a whole first, then develop part of a set. Compare the two meanings near the end of the lesson on part of a set).