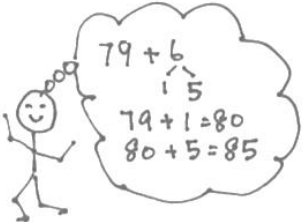
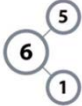
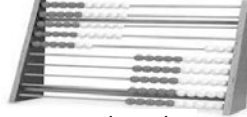
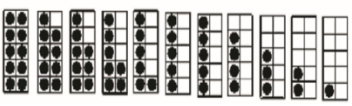

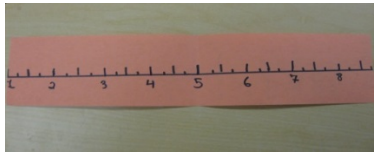
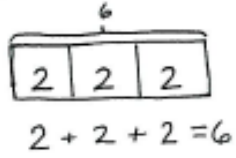
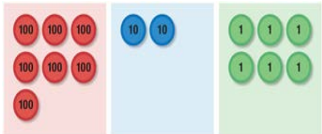
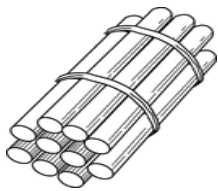
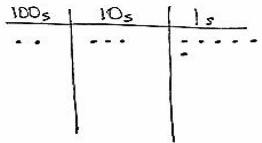


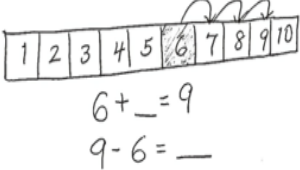

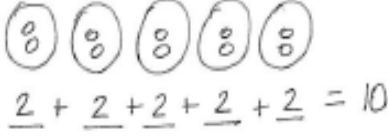
Grade 2 Vocabulary/ Representation

| Vocabulary | Description | Representation |
|--------------------|--|--|
| Compose | <p>Composing Numbers are number that are put together to create one number.</p> | $\begin{array}{r} 12 + 3 \\ \wedge \\ 10 \quad 2 \end{array} \quad 12 + 3 = 10 + 2 + 3 = 10 + 5$ $\begin{array}{r} 92 + 3 \\ \wedge \\ 90 \quad 2 \end{array} \quad 92 + 3 = 90 + 2 + 3 = 90 + 5$ |
| Decompose | <p>Decomposing means to take apart a number for example;</p> $\begin{array}{r} 79 + 6 \\ 1 + 5 \\ 79 + 1 = 80 \\ 80 + 5 = 85 \end{array}$ |  |
| Number Bond | <p>Number bond uses a part-whole-part concept to present the relation between the 3 numbers</p> |  |
| Rekenrek | <p>Rekenreks represent 10 more or 10 less used in addition and subtraction for base</p> |  <p style="text-align: center;">Rekenrek</p> |
| Tens Frames | <p>Tens frames are used to compose or decompose numbers of 10</p> |  |
| Tens Strip | <p>Tens Strip are used to compose or decompose numbers of 10</p> |  |
| Hash Marks | <p>Hash marks are the lines on ruler use for measurement</p> |  |

Grade 2 Vocabulary/ Representation

| Vocabulary | Description | Representation | | | | | | |
|-------------------------------|--|--|----------|------|------|--|--|--|
| Tape Diagram | Tape diagrams show the relationship between two quantities. |  | | | | | | |
| Place Value Disks | Place value disk are used to represent the value of a number |  <p>Unit form modeled with number disks: 7 hundreds 2 tens 6 ones = 72 tens 6 ones</p> | | | | | | |
| Place Value Chart | Place value chart represents the value of a number | <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="padding: 5px;">hundreds</th> <th style="padding: 5px;">tens</th> <th style="padding: 5px;">ones</th> </tr> </thead> <tbody> <tr> <td style="height: 40px;"></td> <td></td> <td></td> </tr> </tbody> </table> | hundreds | tens | ones | | | |
| hundreds | tens | ones | | | | | | |
| | | | | | | | | |
| Minuend Subtrahend | The minuend is the first number to be subtracted. The subtrahend is the second number being subtracted | $ \begin{array}{r} 68 \text{ minuend} \\ - 42 \text{ subtrahend} \\ \hline 26 \text{ difference} \end{array} $ | | | | | | |
| Bundle | A bundle is a representation of tens |  | | | | | | |
| Chip Model | A chip model, drawing dots on a labeled place value chart |  | | | | | | |
| Algorithm | a step-by-step procedure to solve a particular type of problem | $300 + 5 = 305$ | | | | | | |

Grade 2 Vocabulary/ Representation

| Vocabulary | Description | Representation |
|---|--|---|
| <p style="text-align: center;">Number Path</p> | <p>Number Path represent addition and subtraction. For example 6 and 3 more is 9 or 9 and 6 less is</p> |  |
| <p style="text-align: center;">Tally Mark</p> | <p>A tally mark is a straight line used to represent an amount</p> |  |
| <p style="text-align: center;">Arrays</p> | <p>An array is an arrangement of objects in rows and columns</p> |  |