

When to use Rekenrek side or MathLine side?

FIRST- best representation

FOLLOW UP- second representation for deeper comprehension

BOTH-choice of student or teacher as both are effective and correct

COUNTING &
CARDINALITY

NUMBERS &
OPERATIONS
IN BASE TEN

OPERATIONS &
ALGEBRAIC
THINKING

| Gr | Math Concept | Rekenrek | MathLine |
|-----|---|-------------|-------------|
| K | Establishing a constructivist framework | | FIRST |
| K-1 | 1-to1 correspondence, Associating a numeral with a given quantity | FOLLOW UP | FIRST |
| K-1 | Counting and Number Recognition* | FOLLOW UP | FIRST |
| K-2 | Subitizing* | FIRST | FOLLOW UP |
| K-2 | Composition and decomposition of numbers* | FIRST | FOLLOW UP |
| K-1 | Number Bonds and Part-Part-Whole Reasoning | FIRST | FOLLOW UP |
| K-1 | Connection to Numberline* | | FIRST |
| K-2 | Doubles and doubles plus one or Near Doubles* | FIRST | |
| 1-3 | Compare Numbers | FIRST | FOLLOW UP |
| K-2 | Conceptual Addition and Subtraction* | FIRST | FOLLOW UP |
| K-2 | Money and Change | FOLLOW UP | FIRST |
| 1-3 | Estimating / Rounding* | FOLLOW UP | FIRST |
| 1-3 | Commutative property and other properties* | BOTH, FIRST | BOTH, FIRST |
| 1-2 | Composition and Decomposition of Teen Numbers* | FIRST | FOLLOW UP |
| 1-2 | Place Value of Teen Numbers, "Ten and X more" | FOLLOW UP | FIRST |
| K-3 | Compensation and Landmarks* | BOTH, FIRST | BOTH, FIRST |
| 1-4 | Developing Algebraic Reasoning | FIRST | FOLLOW UP |
| 1-4 | Missing Numbers | BOTH, FIRST | BOTH, FIRST |
| 1-3 | Composition and Decomposition methods for Double Digit Addition / Subtraction* | FIRST | FOLLOW UP |
| 1-4 | Logic Exercises - solving of the unknown | FIRST | FOLLOW UP |
| 1-4 | Partial Sums and Differences* | FIRST | FOLLOW UP |
| 2-3 | Conceptual Multiplication and Division* | FIRST | FOLLOW UP |
| 3-4 | Procedural Multiplication and Division* | | FIRST |
| 2-4 | Division as Repeated Subtraction | BOTH | BOTH, FIRST |
| 2-4 | Division by Equal Groups* | FIRST | FOLLOW UP |
| 4 | Long division, traditional algorithm | | FIRST |
| 3-4 | Partial Products* | BOTH | BOTH, FIRST |
| 3-4 | Partial Quotients* | | FIRST |

*Concept categorizes in multiple domains