

**Math Concepts and Skills**  
**Grade Level: K**

| <b>Concept/Skill</b>                 | <b>Assessment Tool</b>   | <b>When Assessed</b>   |
|--------------------------------------|--|--|
| One-to-one correspondence            | DAP assessment p. 428 of <i>Structures of Thinking</i> DAP manual  | Feb. for 2 <sup>nd</sup> Trimester Reporting                                   |
| Counts to 20                         | Ask child to count as high as they can   | Sept and every midterm/trimester   |
| Builds/orders whole number sets 0-10 | Laminated Cave picture cards and Plastic Bears   | February for 2 <sup>nd</sup> Trimester Reporting                               |
| Recognizes numbers 0-20              | Number cards   | September and every midterm/trimester (1 <sup>st</sup> midterm/trimester 0-10) |
| Writes numerals 0-20                 | Printout with 21 blank gray boxes  | Feb. for 2 <sup>nd</sup> Trimester and every midterm/Trimester after.          |
| Understands more, same, less         | Four groups of blocks- 7, 4, 4 and 3 blocks. The student points to the group with more, less and same.   | 1 <sup>st</sup> Trimester and throughout rest of year                          |
| Understands equal/non-equal          | 2 groups of blocks-5 & 7 blocks. The student answers the question "are these blocks equal?"<br>Wrong answer-terminate<br>Correct answer-Can you make the groups equal? | Feb. for 2 <sup>nd</sup> Trimester and every midterm/Trimester after.          |
| Understands concept + and-           | Number Stories   | 3 <sup>rd</sup> Trimester  |
| Ordinal Numbers                      | Place a row of 5 bears facing the same direction. The student points to the 3 <sup>rd</sup> , 1 <sup>st</sup> , 2 <sup>nd</sup> .                                      | 1 <sup>st</sup> Trimester and every midterm/Trimester after.                   |
| Sorting by two attributes            | DAP tubs-"Using your materials can you put your materials into groups in some way?<br>Can you move your groups? Can you show me another way to group them?"            | 1 <sup>st</sup> Midterm and every midterm/Trimester after                      |
| Seriation-builds ordered series      | DAP Seriation Assessment-Part 1 (no insertion required)  | 3 <sup>rd</sup> Trimester  |

|                      |  |   |
|----------------------|--|---|
|                      | 9 straws   |   |
| Positional Relations | Paper/pencil test with objects drawn in boxes. The student will mark an "x" in relationship to the pictures based on the instructions. | 1 <sup>st</sup> Midterm and every midterm/Trimester after |
| Shapes               | Shape Cards  | 1 <sup>st</sup> Midterm and every midterm/Trimester after |
| Patterns             | Blocks. "Using these materials make an AB pattern, make an ABC pattern."   | 1 <sup>st</sup> Midterm and every midterm/Trimester after |