Cumulative 1st Grade Math Screener v4

Student Name _____ Date ____ , ____, ____

Fall	Winter	Spring
/10	/24	/38
Benchmark 8	Benchmark 19	Benchmark 30

Fluent: Time between numbers is consistent, Students are not waiting twice as long when crossing the decades, Can self-correct when skipped a number 1 time
Not Fluent: Skips numbers often, even though they self-correct, Counts very slow, Needs a lot of think time between numbers
Unsuccessful: Cannot complete sequence, Skips numbers and doesn't self-correct

Fall

Sub - Totals	NID	FNWS	BNWS	SN	A/S	CPV	M/D
Fall							
Winter							
Spring							

1. **Numeral Identification (NID)**

Place cards in front of child one at a time, not in numerical order.
   "Read this card to me." (check if correct; record incorrect answers)

13_____   20_____   18_____   11_____   14_____   12_____   15_____   19_____

17_____   16_____

Number of correct: 9-10 (2 pts) 4-8 (1 pt) 0-3 (0 pts)   **NID Points**_____ _____ _____
F   W   S

2. **Forward Number Word Sequence (FNWS)**

   "Start counting from 73 and I'll tell you when to stop." (Stop at 100)

   Fluent (2pts)   Not fluent (1pt)   Unsuccessful: Counts to ___ (0 pts)   **FNWN Points**_____ _____ _____
F   W   S

3. **Backward Number Word Sequence (BNWS)**

   "Start counting back from 20 and I'll tell you when to stop." (Stop at 9)

   Fluent (2pts)   Not fluent (1pt)   Unsuccessful: Counts to ___ (0 pts)   **BNWN Points**_____ _____ _____
F   W   S

4. **Structuring Number (SN)**

   "What goes with 3 to make 5?" _____ (=2) **"What goes with 1 to make 5?"**_____ (=4)

*Both correct – **no counting** (2 pts)*
Both correct - counted some or all (1 pt)
0-1 correct (0 pts)   **SN Points**_____ _____ _____
F   W   S

5. **Addition and Subtraction (A/S)**

   Screened Collections:

   "I have 5 red counters" (cover). "**I have 3 blue counters**" (cover). **"How many counters are there all together?"** (=8)Students can count to get the answer. If students can't solve, remove second cover and see if they can solve

   Correct, both covered (2 pts) Correct, one covered (1 pt) Incorrect (0 pts) **A/S Points**_____ _____ _____
F   W   S

Winter
*Reassess Fall if needed and include fall points in winter score

6. **Numeral Identification (NID)**

   Place cards in front of child one at a time, not in numerical order.
   "Read this card to me." (check if correct; record incorrect answers)

   33_____   49_____   66_____   51_____   30_____

   Number of correct: 5 (2 pts) 3-4 (1 pt) 0-2 (0 pts) **NID Points**_____ _____
   $\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad$ W $\quad$ S

7. **Forward Number Word Sequence (FNWS)**

   "What comes right after… 10_____ 30_____ 19_____ 82_____ 89_____

   Number of correct: 5 (2 pts) 3-4 (1 pt) 0-2 (0 pts) **FNWS Points**_____ _____
   $\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad$ W $\quad$ S

8. **Backward Number Word Sequence (BNWS)**

   "What comes right before… 10_____ 6_____ 22_____ 19_____ 30_____

   Number of correct: 5 (2 pts) 3-4 (1 pt) 0-2 (0 pts) **BNWS Points**_____ _____
   $\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad$ W $\quad$ S

9. **Structuring Number (SN)**

   Show and establish there are ten cubes. (Five of one color and five of another). Hide 4 cubes and ask, **"How many are still there?** _____ (=6) **How many did I hide?"**_____ (=4) Show ten cubes again. Hide 7 cubes and ask, **"How many are still there?**_____ (=3) **How many did I hide?"**_____ (=7)

   *All correct – **no counting** (2 pts)*
   All correct - counted some or all (1 pt)
   Any incorrect (0 pts) $\qquad\qquad\qquad\qquad\qquad\qquad\qquad$ **SN Points** _____ _____
   $\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad$ W $\quad$ S

10. **Addition and Subtraction (A/S)**

    Screened Collections:

    "I have 9 red counters" (cover). "**I am taking 4 away.**" (cover). **"How many counters are left?"** (=5)

    Correct (2 pts) Incorrect (0 pts) $\quad$ **A/S Points** _____ _____
    $\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad$ W $\quad$ S

11. **Conceptual Place Value (CPV)**

    "Count by 10s starting at 10" (stop at 110) $\quad$ *Correct (2 pts) Incorrect (0 pts)* $\quad$ **CPV Points**_____ _____
    $\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad$ W $\quad$ S

12. **Conceptual Place Value (CPV)**

    Establish there are 10 sticks in a bundle. Put out 7 bundles and 20 singles. **"Get 20 sticks."**

    2 bundles (2 pts)   20 single or combo of bundles/singles (1 pt) Incorrect (0 pts) $\quad$ **CPV Points**_____ _____
    $\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad$ W $\quad$ S

Spring
*Reassess Fall/Winter if needed and include fall/winter points in spring score

13. **Numeral Identification (NID)**

   Place cards in front of child one at a time, not in numerical order.
   "Read this card to me." (check if correct; record incorrect answers)

   99_____ 109_____ 115_____ 110_____ 104_____

   Number of correct: 5 (2 pts) 3-4 (1 pt) 0-2 (0 pts) **NID Points_____**
   S

14. **Forward Number Word Sequence (FNWS)**

   "What comes right after… 99_____ 109_____ 115_____ 76_____ 119_____
   Number of correct: 5 (2 pts) 3-4 (1 pt) 0-2 (0 pts)   **FNWS Points_____**
   S

15. **Backward Number Word Sequence (BNWS)**

   "What comes right before… 33_____ 41_____ 60_____ 99_____ 76_____
   Number of correct: 5 (2 pts) 3-4 (1 pt) 0-2 (0 pts) **BNWS Points_____**
   S

16. **Structuring Number (SN)**

   "What goes with 6 to make 10?" _____ (=4) **"What goes with 3 to make 10?"_____** (=7)

   *Both correct – **no counting** (2 pts)   Both correct - counted some or all (1 pt)   0-1 correct (0 pts)* **SN Points_____**
   S

17. **Addition and Subtraction (A/S)**

   Show card: 9+5, **"Read this card and solve the problem."** (=14)
   Show card: 12-3, **"Read this card and solve the problem."** (=9)

   Both correct and counted on/down or structured to solve (2 pts)
   Both correct but counted from 1 to solve (1 pt) One or both incorrect (0 pts)
   A/S Points_____
   S

18. **Conceptual Place Value (CPV)**

   Establish there are 10 sticks in a bundle. Put out 1 bundle, **"How many?"** _____ (=10), cover. Put 3 sticks next to the covered bundle, **"If you add these to your bundle, now how many?"**_____ (=13). Cover all 13. Continue adding the following and asking **"How many now?"** and then cover each time.
   Add 2 bundles _____ (=33), Add 1 bundle and 5 sticks _____ (=48). You can remind them how many are under the cover if they forget and ask.

   4 Correct (2 pts)   3 Correct (1 pt) 0-2 Correct (0 pts)   **CPV Points _____**
   S

19. **Multiplication and Division (M/D)**
   Put 20 counters randomly spread out in front of the student (don't tell them how many there are). **"Use these counters to make 4 groups with 3 counters in each group."** _____ Once the student makes their groups, remove the extra counters. **"How many counters are there in all?"** _____ (=12)

   Correct (2 pts)   Incorrect (0 pts)   **M/D Points _____**
   S