Cumulative 5th Grade Math Screener v4

Student Name _____Date _____ , _____, _____

F   W   S

	Fall	Winter (Reassess of Fall if needed)	Spring
	/8	/8	/16
	Benchmark 6	Benchmark 6	Benchmark 12

Fall

Sub - Totals	NID	M/D	FRA
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)

    70,691_____   90,540_____   400,008_____   599,999_____   48,002_____

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

2. **Multiplication and Division (M/D)**

   Show card: 14 x 3, **"If 14 x 3 is 42, what is 14 x 6?"** Show card: 14 x 6 (=84, double 42)

   Correct using multiplicative thinking of doubling (2 pts)
   Correct by working it out (1 pt)
   Incorrect (0 pts)   **M/D Points** _____ _____ _____
                                                                                      F   W   S

3. **Fractions (FRA)**

    "What fraction of the square is shaded?" (=5/16)

                                    Correct (2 pts) Incorrect (0 pts)   **FRA Points**_____ _____ _____
                                                                                      F   W   S

4. **Fractions (FRA)**

   Show card: 3 ¼ + 1 ¾ **"Read this card and solve the problem."** (=5)

                                    Correct (2 pts) Incorrect (0 pts)   **FRA Points**_____ _____ _____
                                                                                      F   W   S

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

5. **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)

   3,270,001_____   **66,540,400**____   **2 ¾** _____   **4.008**_____   **21 5/8** _____

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

6. **Multiplication and Division (M/D)**

   Show card: 5 x 10 **"Solve this problem."** Show card: 5×10^2 , **"Solve this problem."** Show card: 5×10^3,
   "Solve this problem."   If those are correct, say, **"Explain the pattern."** (=50, =500, =5000; Correct pattern - You are
   multiplying by another 10 each time. If the student says adding a 0 each time, ask what they mean by that. You are
   not adding a 0 because 50+0=50.)

   Correct answers to all 3 and pattern explained correctly (2 pts)
   Correct answers to all 3 but pattern not explained correctly (1 pt)
   All/Some incorrect answers (0 pts)   **M/D Points** _____
                                                                                      S

7. **Fractions (FRA)**

   **"Asked to find ½ + 1/3, Anthony drew the picture here and said, "1 of 2 parts, plus 1 of 3 parts = 2 of 5 parts.
   So the answer is 2/5." Is he correct? Why or why not?"** (=5/6)

   Correct (2 pts) Incorrect (0 pts)   **FRA Points**_____
                                                                 S

8. **Fractions (FRA)**

   Show card: ½ + 1/5 **"Read this card and solve the problem."** (=7/10)

   Correct (2 pts) Incorrect (0 pts)   **FRA Points**_____
                                                                 S