

Pre-Assessment for 3 Digit Addition

April 13, 2012

<u>Name</u>	<u>Grade</u>
Noah	2/5
Luke	4/5
Abby	5/5
Caroline	4/5
Addie	5/5
Kasen	0/5
Ella	3/5
Hamza	0/5
Sydney	3/5
Logan	1/5
Alicia	5/5
Brandon	4/5
Lana	2/5
Faizhon	1/5
Alexis	0/5
Audrey	5/5
Madison	5/5
KeyAira	3/5
Hannah	3/5

Post-Assessment for 3 Digit Addition

April 16, 2012

<u>Name</u>	<u>Grade</u>
Noah	24/24
Luke	24/24
Abby	23/24
Caroline	22/24
Addie	20/24
Kasen	10/24
Ella	23/24
Hamza	18/24
Sydney	24/24
Logan	23/24
Alicia	24/24
Brandon	24/24
Lana	24/24
Faizhon	24/24
Alexis	23/24
Audrey	24/24
Madison	24/24
KeyAira	ABSENT
Hannah	24/24

Name	Percent Correct on Pre-Assessment	Percent Correct on Post-Assessment	Percent Gain
Noah	40%	100%	+60%
Luke	80%	100%	+60%
Abby	100%	96%	-4%
Caroline	80%	92%	+12%
Addie	100%	83%	-17%
Kasen	0%	42%	+42%
Ella	60%	96%	+36%
Hamza	0%	75%	+75%
Sydney	60%	100%	+40%
Logan	20%	96%	+76%
Alicia	100%	100%	0%
Brandon	80%	100%	+20%
Lana	40%	100%	+60%
Faizhon	20%	100%	+80%
Alexis	0%	96%	+96%
Audrey	100%	100%	0%
Madison	100%	100%	0%
KeyAira	60%	ABSENT	N/A
Hannah	60%	100%	+40%

I conducted an assessment on my 19 first grade students. For my Pre-Assessment, I gave each student a worksheet with five 3-digit addition problems. I explained to the students that they add vertically and that they record their answers beneath the line. Other than that, I did not provide any more aid. A few days later, I taught my students how to solve 3-digit addition problems. I explained to them that they must draw a box around the first two numbers, record the sum to the side, and then add the sum to the third number. I provided my class with manipulatives to help them solve the addition problems. One

student was absent during the post-assessment; therefore, I cannot use her results. When I did the post-assessment on 18 students, 16 students made significant gains. Two students scores dropped; however, they still did very well. After examining their errors, it was obvious that they made careless mistake and did, in fact, know how to solve 3-digit addition problems.

Below is a blank copy of the Pre-Assessment:

Name: _____

3 Digit Addition

3	4	6	2	5
3	1	7	8	2
+9	+ 5	+ 1	+ 10	+ 4
_____	_____	_____	_____	_____

Below is a blank copy of the Post-Assessment (A few "cookies" had only 2-digit addition problems and a few "cookies" had 4-digit addition problems, which were also reviewed in class.):

Note: Directions for using this clip art are on page 8.

$$\begin{array}{r} 333 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 226 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -1 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 656 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -1 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 888 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 2233 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 7 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 6 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ +4 \\ \hline \end{array}$$

Below I compared samples of two students Pre-Assessment and Post-Assessments:

Alexis	
Pre-Assessment	Post-Assessment
0/5 (0%)	23/24 (96%)

Name: Alexis 15

0/5
0%

3 Digit Addition

3	4	6	2	5
3	1	7	8	2
+9	+5	+1	+10	+4
10	11	8	17	7
15	10	14	20	11

Addition Problems Whose Answer "10"

333
+ 64

10

34
+ 37

10

33
+ 66

10

54
+ 19

10

1
+ 9

10

3
+ 7

10

10
+ 9

10

36
+ 6

10

17
+ 3

10

17
+ 2

10

Addition Problems Whose Answer "15"

11
+ 4

15

9
+ 6

15

37
+ 10

15

57
+ 6

15

14
+ 9

15

84
+ 15

15

56
+ 10

15

4
+ 11

15

5
+ 10

15

8
+ 7

15

5
+ 10

15

12
+ 3

15

Noah	
Pre-Assessment	Post-Assessment
2/5 (40%)	24/24 (100%)

Name: Noah

2/5
40%

3 Digit Addition

3	4	6	2	5
3	1	7	8	2
+9	+5	+1	+10	+4
<u>15</u>	<u>10</u>	13	13	15
		14	20	11

Addition Problems
Whose Answer is
"10"

Addition Problems
Whose Answer is