

Data from JD George Math & Movement Symposium and Family Fun Night

3rd grade students worked with teachers for four sessions over a two-day period. There was a 56% average increase in the student's scores! The data shows the number of problems answered correctly on the pre- and posts-tests. The pre-and post-tests were identical and contained 32 multiplication problems focusing on ONLY one multiplication fact such as $4 \times 3 =$ or $7 \times 3 =$. On both the pre-and post-test, the students had one minute to solve as many problems as they could.

Student	Pre	Post	Percentage Increase	Multiplication Fact
1	21	29	38.1	3
2	16	29	81.25	3
3	8	24	200	3
4	12	15	25	4
5	15	23	53.33	3
6	16	30	87.5	8
7	11	21	90.91	3
8	10	12	20	3
9	17	22	29.41	3
10	11	15	36.36	3
11	11	20	81.82	3
12	10	10	0	4
13	21	24	14.29	4
14	24	32	33.33	3
15	8	12	50	4

Sponsored by Madison-Oneida BOCES/MidState Teacher Center

Linden Elementary School December 7 and 8 Math & Movement Symposium

The following data represents the pre- and post-tests and the percentage increase. The intervention was the three sessions of teachers working with the students! The students had an average 90% increase in their multiplication facts on the post-tests!

Student	Pre-Test	Post-Test	% Increase	Multiple
1	17	30	76.47	7
2	3	4	33.33	4
3	15	22	46.67	3
4	18	26	44.44	7
5	10	22	120	4
6	16	26	62.5	6
7	5	23	360	3
8	16	30	87.5	3
9	7	14	100	3
10	12	20	66.67	4
11	10	23	130	3
12	10	8	-20	3 unknown why there was a decrease.
13	9	15	66.67	4
14	15	20	33.33	3
15	9	23	155.56	4
16	16	24	50	3
17	8	18	125	12
18	9	27	200	3
19	16	11	-31.25	3 **student tried harder problems on the post-test. Student was only willing to solve easy problems such as 3x0 or 3x1 on the pre-test. Teacher shared that although the numbers decreased on the post-test, the student had a significant increase in confidence and was willing to try to do all the problems!
		Average Percentage Increase	89.84	