

Preliminary Results of the MMM Event

The following pages contain histograms of the performance of the VPPMS and VPPHS students on the math drill and practice sheets that were completed during the event.

The participation rate for the high school was less than 20% (N = 50)

The participation rate for the middle school was 77% (N = 220)

Using 100 seconds as the benchmark less than 20% of middle school students met the criteria.

If we extrapolate the results for the high school from the small number of participants we estimate that less than 25% of high school students meet the benchmark of 100 seconds to complete the practice sheets.

Test A consisted of 100 addition problems Test B 100 subtraction problems Test H 100 multiplication problems Test I 100 division problems Note that Tests B and I have values that are greater than Tests A and H

The included histograms for the presents the number of students who completed the specified worksheets in the time increments located on the horizontal (x) axis. For example on page 2 for the high school Test_A 11 students completed the exercise at an elapsed time of more than 180 seconds.

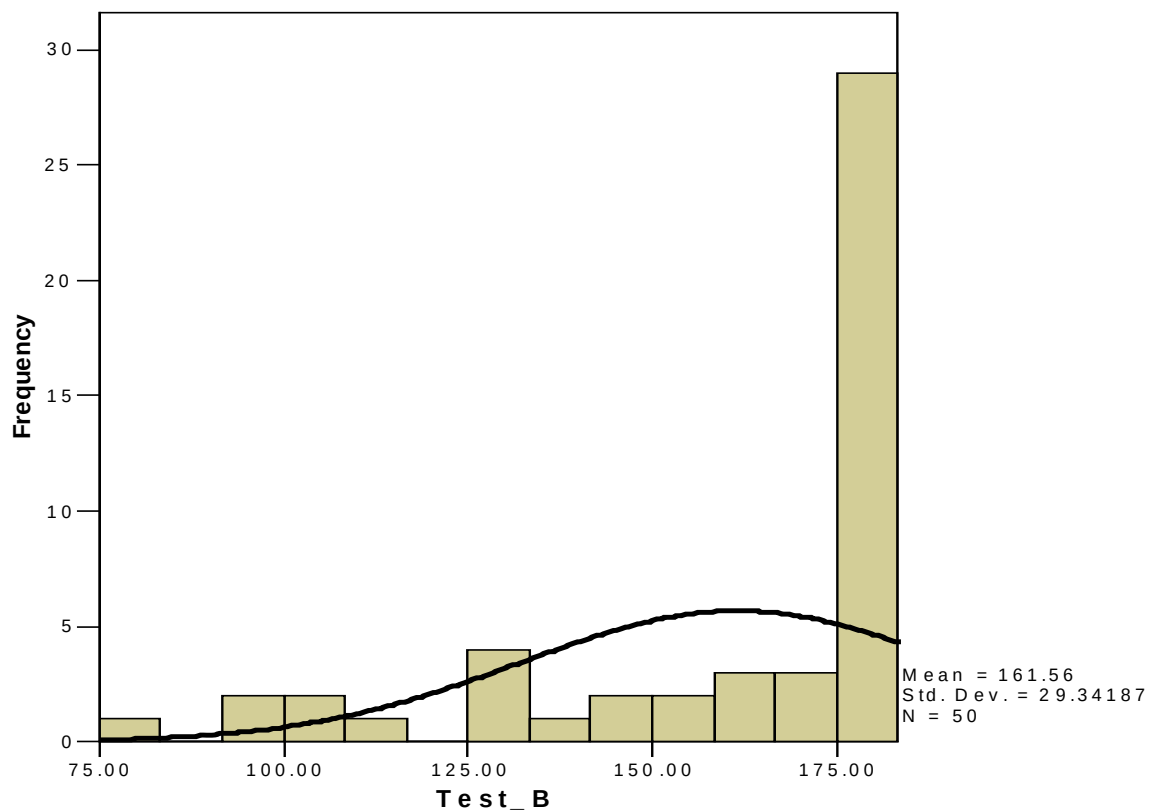
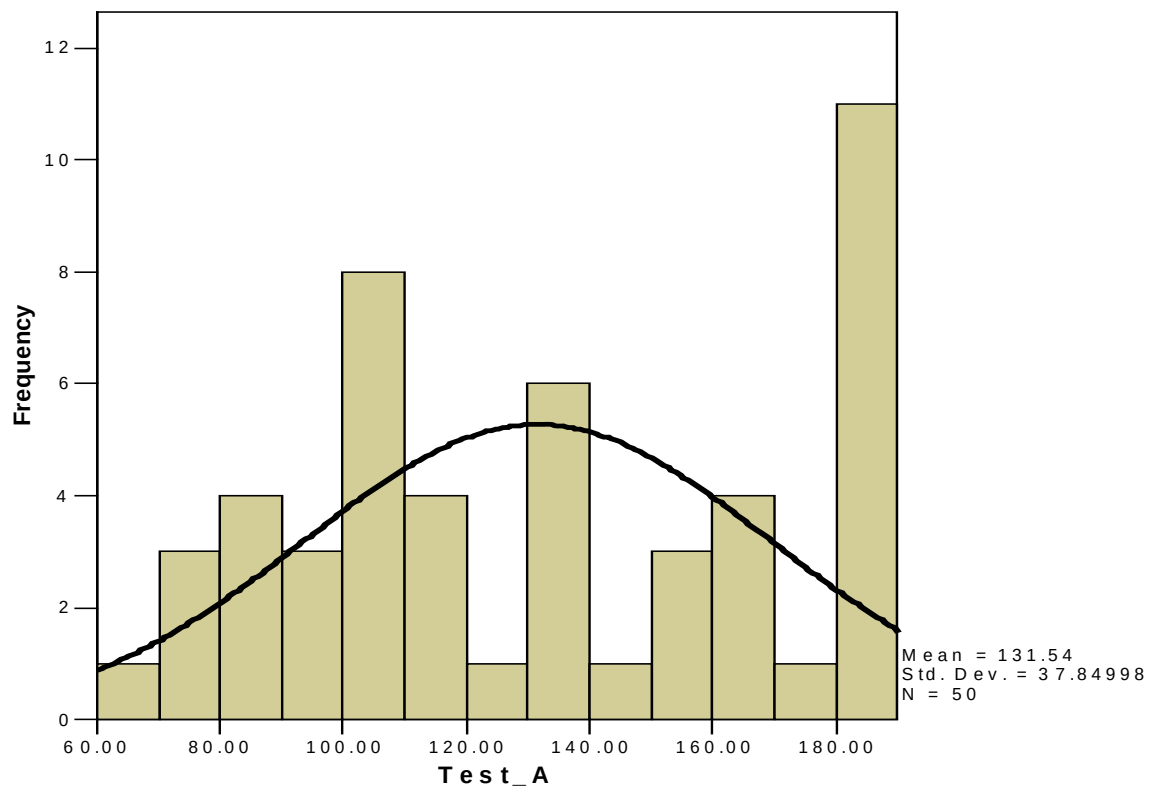
Middle School Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Test_A	220	75.00	181.00	161.7318	28.07664
Test_B	220	92.00	181.00	173.0273	18.92787
Test_H	214	71.00	181.00	159.8785	30.64555
Test_I Valid N (listwise)	214 211	76.00	181.00	165.1729	26.23876

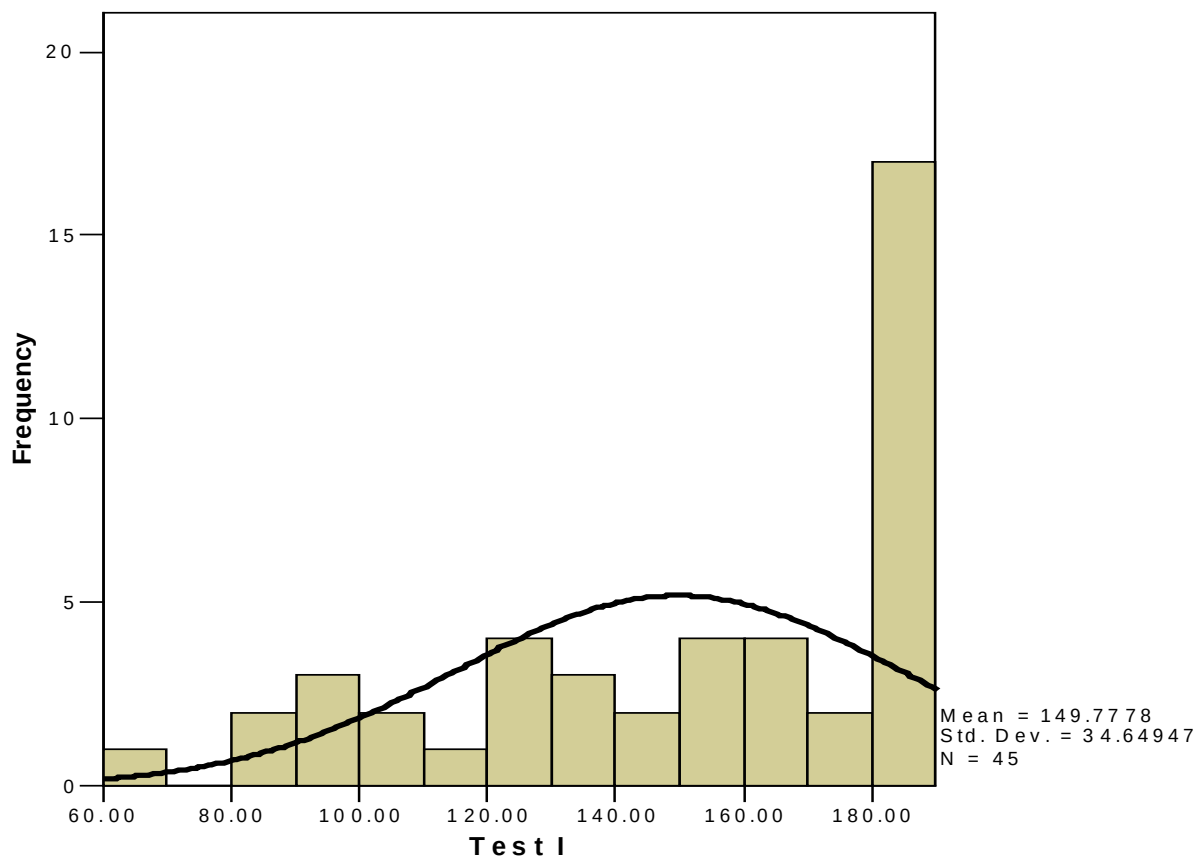
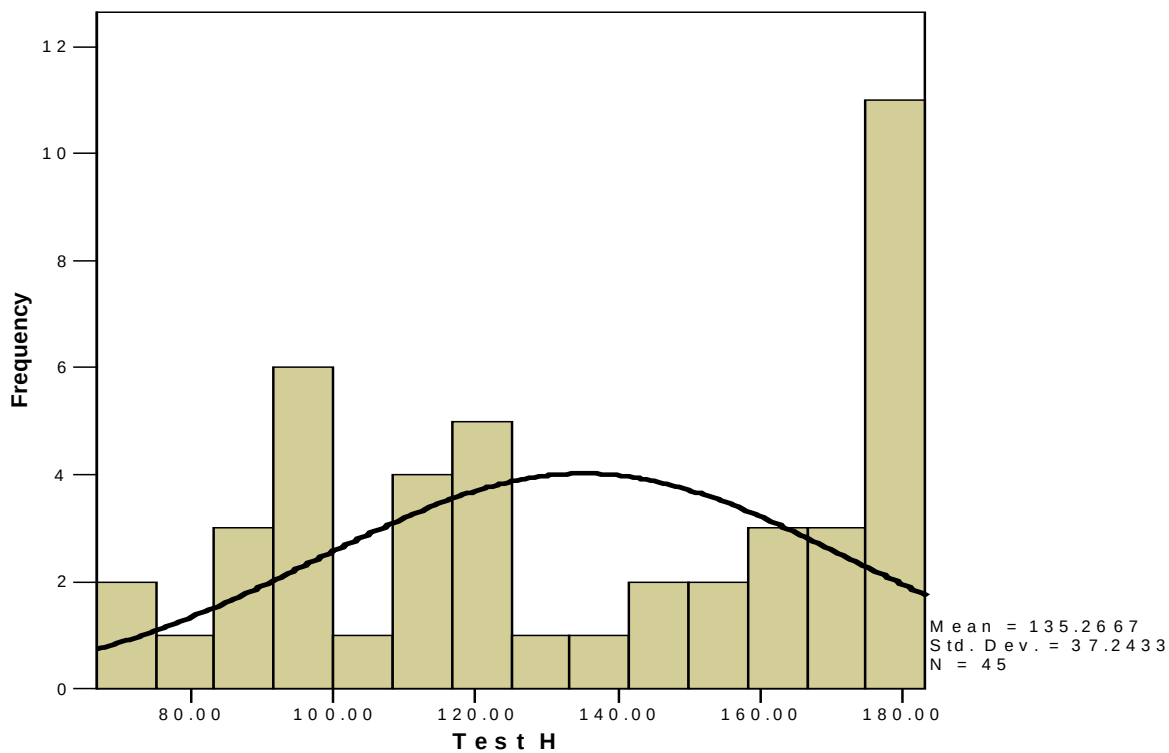
High School Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Test_A	50	66.00	181.00	131.5400	37.84998
Test_B	50	76.00	181.00	161.5600	29.34187
Test H Test	45	70.00	181.00	135.2667	37.24330
I Valid N (listwise)	45 44	63.00	181.00	149.7778	34.64947

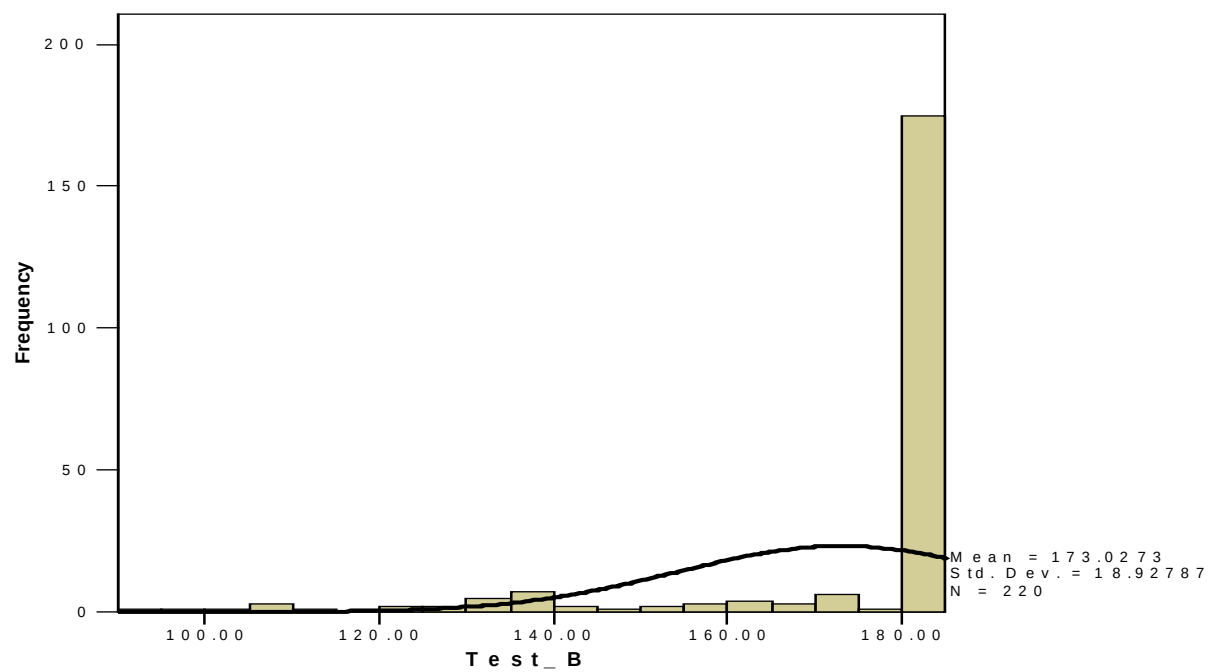
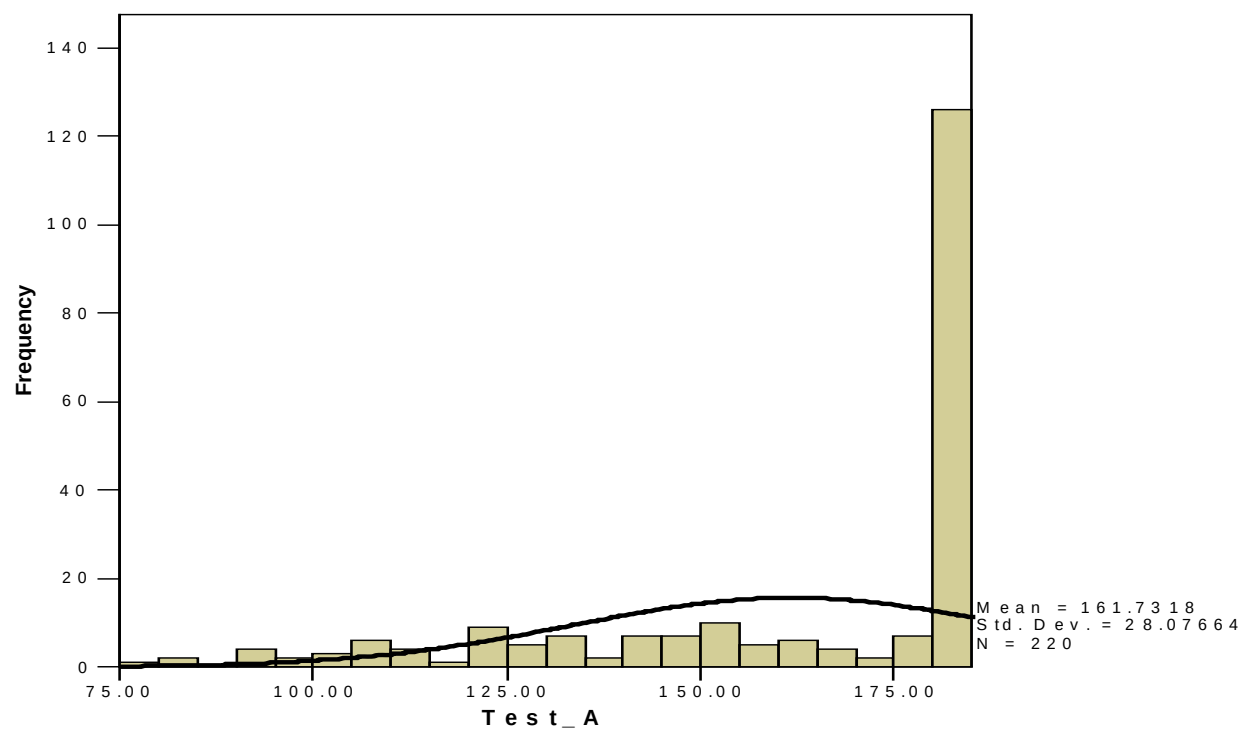
High School



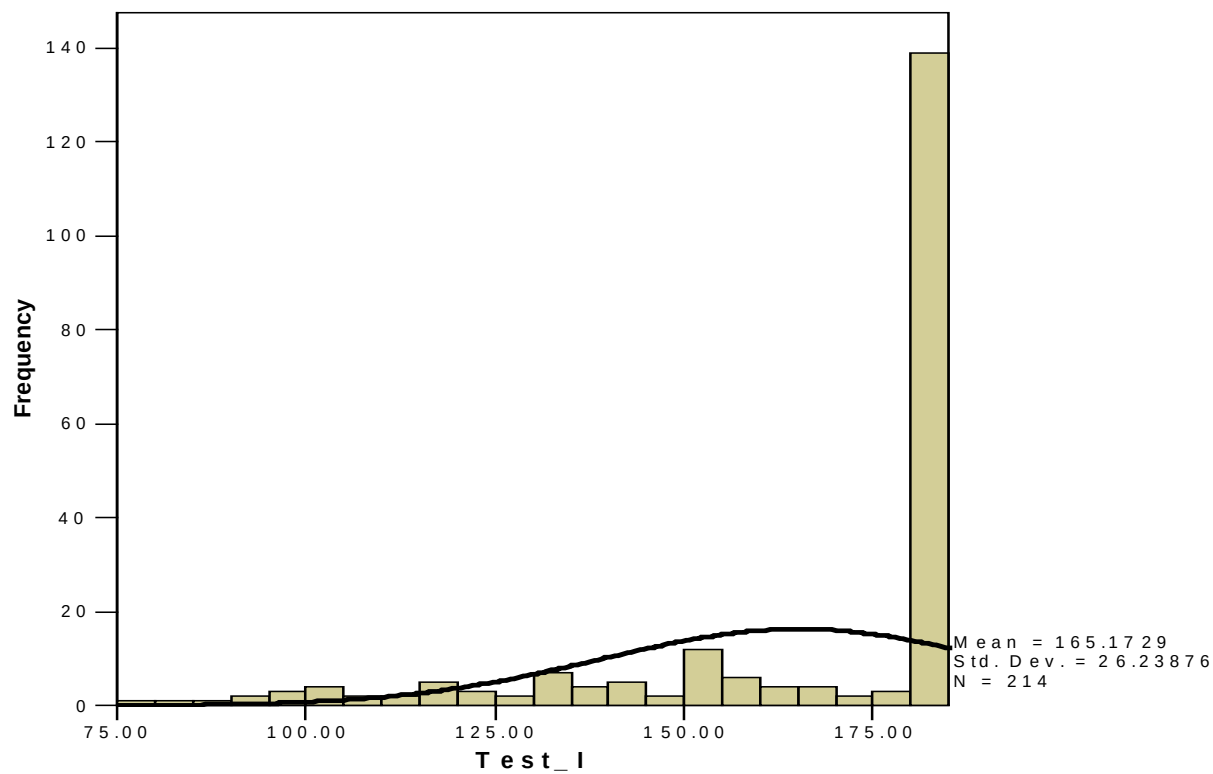
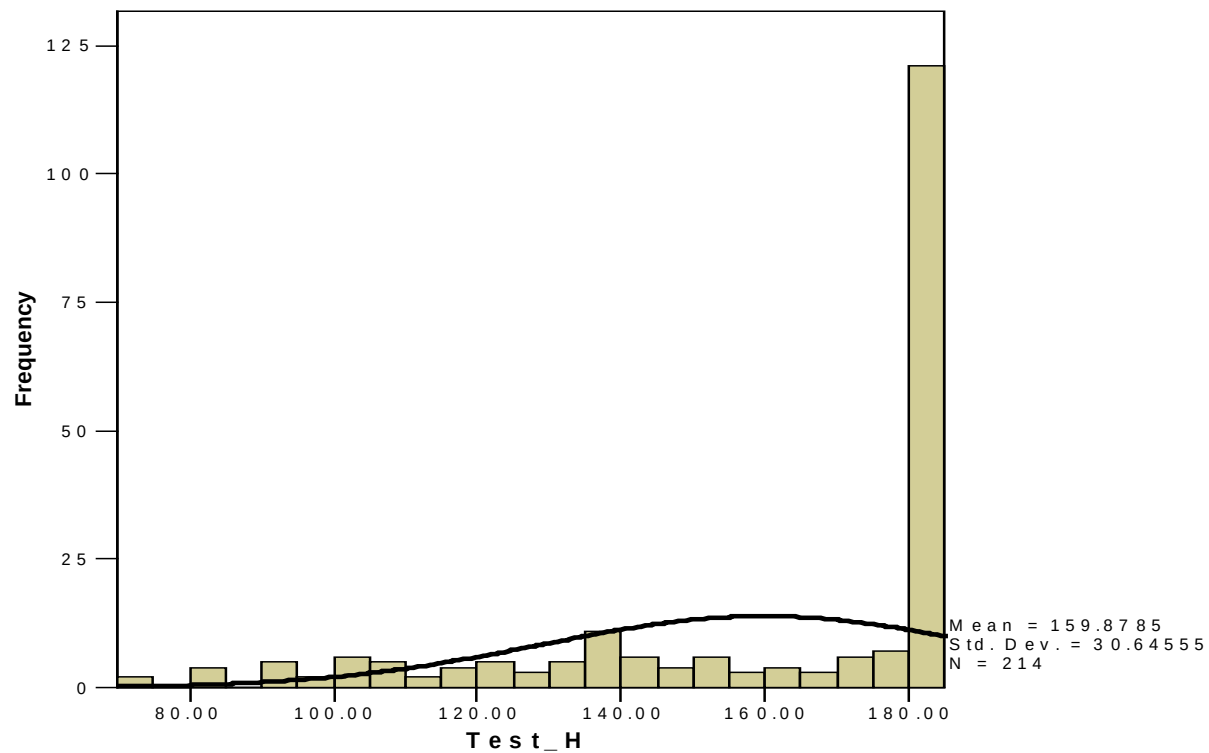
High School



Middle School



Middle School





File Name : IMG_0491.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/1000
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0493.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/320
Av (Aperture Value) : 5.5
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 23.2 mm
White Balance : Auto



File Name : IMG_0496.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/1000
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0498.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0499.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/1000
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0500.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0501.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



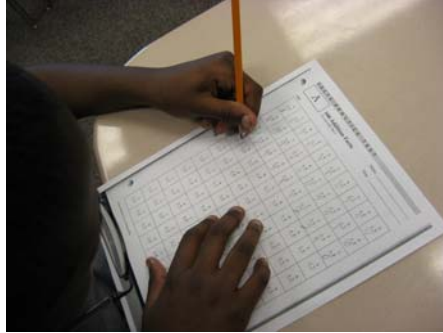
File Name : IMG_0502.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/640
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0503.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/1250
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0507.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/1250
 Av (Aperture Value) : 6.3
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



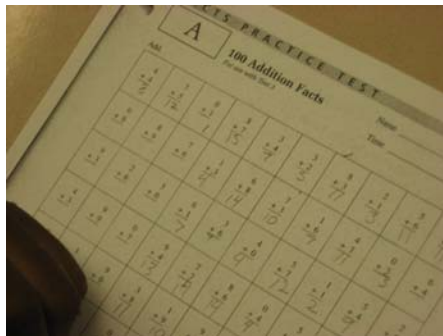
File Name : IMG_0508.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/60
 Av (Aperture Value) : 2.6
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



File Name : IMG_0509.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/60
 Av (Aperture Value) : 2.6
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



File Name : IMG_0510.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/60
 Av (Aperture Value) : 2.6
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



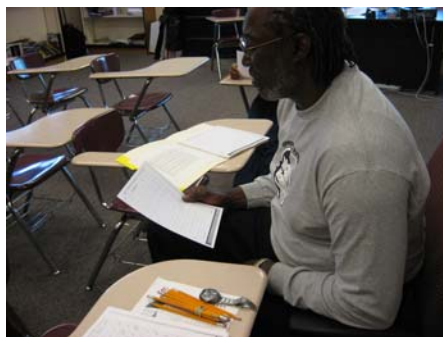
File Name : IMG_0511.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/100
 Av (Aperture Value) : 5.0
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 18.4 mm
 White Balance : Auto



File Name : IMG_0512.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/60
 Av (Aperture Value) : 3.5
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 9.8 mm
 White Balance : Auto



File Name : IMG_0513.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/60
 Av (Aperture Value) : 2.6
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



File Name : IMG_0514.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/60
 Av (Aperture Value) : 2.6
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



File Name : IMG_0515.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/60
 Av (Aperture Value) : 2.6
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



File Name : IMG_0516.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/60
Av (Aperture Value) : 2.6
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0518.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/50
Av (Aperture Value) : 2.6
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0519.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/640
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0520.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/640
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0521.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0522.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0523.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/320
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0524.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 11.8 mm
White Balance : Auto



File Name : IMG_0527.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0528.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/1000
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



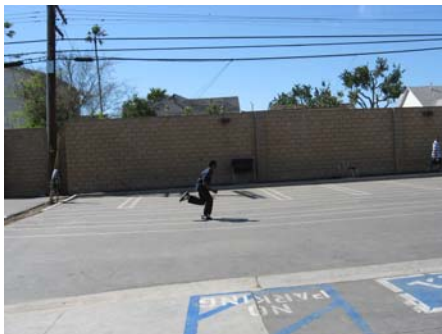
File Name : IMG_0529.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0530.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/125
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0531.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/160
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0532.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0533.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/320
Av (Aperture Value) : 5.5
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 23.2 mm
White Balance : Auto



File Name : IMG_0534.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/400
Av (Aperture Value) : 5.5
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 23.2 mm
White Balance : Auto



File Name : IMG_0536.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/1000
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0537.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/250
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0538.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/1000
 Av (Aperture Value) : 4.0
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



File Name : IMG_0539.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/1250
 Av (Aperture Value) : 4.0
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



File Name : IMG_0540.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/1250
 Av (Aperture Value) : 4.0
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



File Name : IMG_0541.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/1000
 Av (Aperture Value) : 4.0
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



File Name : IMG_0542.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/1250
 Av (Aperture Value) : 4.0
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



File Name : IMG_0543.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/640
 Av (Aperture Value) : 4.0
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



File Name : IMG_0544.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/800
 Av (Aperture Value) : 4.0
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



File Name : IMG_0545.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/800
 Av (Aperture Value) : 4.0
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



File Name : IMG_0546.JPG
 Shooting Mode : Auto
 Tv (Shutter Speed) : 1/800
 Av (Aperture Value) : 4.0
 Exposure Compensation : 0
 ISO Speed : Auto
 Focal Length : 5.8 mm
 White Balance : Auto



File Name : IMG_0547.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0548.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0549.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/1250
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0550.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/1250
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0552.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0553.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0555.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0556.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0557.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/125
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0558.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/60
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0561.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0563.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/800
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto



File Name : IMG_0565.JPG
Shooting Mode : Auto
Tv (Shutter Speed) : 1/1000
Av (Aperture Value) : 4.0
Exposure Compensation : 0
ISO Speed : Auto
Focal Length : 5.8 mm
White Balance : Auto

Memo

To: The parents of: «Lname», «Fname»
From: View Park Prep Middle School
CC:
Date: 4/20/2007
Re: Student Basic Skills

On March 23rd 2007 students at View Park Prep High School and Middle School participated in the Math March Madness Decathlon. This idea of a *fun* school-wide activity was developed to raise awareness, boost interest, stress the importance of, and to assess student levels of competency in basic skills. This memo is being sent home to parents to inform them of how their student performed in the math events. The math events were designed to assess student's knowledge of basic skills addition, multiplication, division, and subtraction. (Sample worksheets are available for viewing and download at <http://www.michaelbatie.com/saxon/worksheets>).

The elapsed times reflect how long it took students to complete a worksheet of between 90 and 100 problems. A time of 181 seconds reflects students who took more than 3 minutes to complete the worksheets. The other three columns reflect school wide averages, the times for the top 10% of participants. The last column presents the elapsed time for the most proficient student.

Results for: «Fname» «Lname»	Student Elapsed Time (secs.)	School Wide Avg. Elapsed Time (secs.)	Upper Decile Avg. Elapsed Time (secs.)	School Wide Lowest Elapsed Time (secs.)
Elapsed Time for Multiplication Problems	«Test_H»	160	83	71
Elapsed Time for Addition Problems	«Test_I»	165	92	76
Elapsed Time for Subtraction Problems	«Test_B»	172	109	92
Elapsed Time for Addition Problems	«Test_A»	161	90	75

N = 221

If your child's elapsed times are not less than 120 seconds, it is suggested that you work with your child to assist them in their mastery of these basic skills. (Students who did not participate will not have values in the Student Elapsed Time column.) Basic Skills are necessary to advance in math. Students must learn arithmetic so that they can move on to more demanding mathematics—i.e. algebra, geometry, calculus.

Watch the weekly bulletin for more information regarding how we can work together to maximize our student's success in math. We need the assistance and commitment of the entire ICEF community to improve math achievement of our students.

Thank You From:

The Math Faculty and Staff of the ICEF Family of Schools

Memo

To: The parents of: «Student_Name»
From: View Park Prep High School
CC:
Date: 5/2/2007
Re: Student Basic Skills

On March 23rd 2007 students at View Park Prep High School and Middle School participated in the Math March Madness Decathlon. This idea of a *fun* school-wide activity was developed to raise awareness, boost interest, stress the importance of, and to assess student levels of competency in basic skills. This memo is being sent home to parents to inform them of how their student performed in the math events. The math events were designed to assess student's knowledge of basic skills addition, multiplication, division, and subtraction. (Sample worksheets are available for viewing and download at <http://www.michaelbatie.com/saxon/worksheets>).

The elapsed times reflect how long it took students to complete a worksheet of between 90 and 100 problems. A time of 181 seconds reflects students who took more than 3 minutes to complete the worksheets. The other three columns reflect school wide averages, the times for the top 10% of participants. The last column presents the elapsed time for the most proficient student.

Results for: «Student_Name»	Student Elapsed Time (secs.)	School Wide Avg. Elapsed Time (secs.)	Upper Decile Avg. Elapsed Time (secs.)	School Wide Lowest Elapsed Time (secs.)
Elapsed Time for Multiplication Problems	«Test_H»	135	80	70
Elapsed Time for Addition Problems	«Test_I»	150	83	63
Elapsed Time for Subtraction Problems	«Test_B»	162	80	76
Elapsed Time for Addition Problems	«Test_A»	132	74	66

N = 53

If your child's elapsed times are not less than 120 seconds, it is suggested that you work with your child to assist them in their mastery of these basic skills. (Students who did not participate will not have values in the Student Elapsed Time column.) Basic Skills are necessary to advance in math. Students must learn arithmetic so that they can move on to more demanding mathematics—i.e. algebra, geometry, calculus.

Watch the weekly bulletin for more information regarding how we can work together to maximize our student's success in math. We need the assistance and commitment of the entire ICEF community to improve math achievement of our students.

Thank You From:

The Math Faculty and Staff of the ICEF Family of Schools