

**Computation of Secondary Semester/Final Grade
(see attached Grade Configuration Table)**

A set of first semester HS grades in MCPS secondary schools (Q1: 88, Q2: 98 and Final: 86), under the current MCPS final grade calculation method would yield a final grade of a “B.” The same Q1 and Q2 grades (with no final) would yield a final grade of an “A” under the current MCPS final grade calculation method. Reviewing the following two examples, one depicting a grade through use of the Grade Configuration Table for Semester Grades (GCTSG) and the other through use of the proposed 0-100 percent scale, the following offer two examples that yield different grades. The MCCPTA Grading & Reporting Committee submits that the grades would be more accurately represented when using the 0-100 percent scale.

	<u>Percentage</u>	<u>Value/Weight</u>	<u>Using GCTSG with Final: Weighted ABCDE (43210)*</u>		<u>Proposed 0-100 w/final: Weighted 0-100 Scale*</u>	
Q1	88	37.5% (.375)	B (3)	(1.13)	33.00	
Q2	98	37.5% (.375)	A (4)	(1.50)	36.75	
Final	86	<u>25%</u> (.25)	B (3)	<u>(.75)</u>	<u>21.50</u>	
		100		3.38	91.25	B
Q1	91	37.5% (.375)	A (4)	(1.50)	34.13	
Q2	92	37.5% (.375)	A (4)	(1.50)	34.50	
Final	83	<u>25%</u> (.25)	B (3)	<u>(0.75)</u>	<u>20.75</u>	
		100		3.75	89.38	A

*** Examples** Weighted Points are calculated by multiplying the numeric grade earned (0-100) by the value/weight and adding the weighted points of one quarter, the next quarter and the final exam (if any).

To determine the weighted point value (ABCDE/43210 scale):

$$\begin{array}{r}
 3 \times .375 = 1.13 \text{ (Q1)} \\
 + \quad 4 \times .375 = 1.50 \text{ (Q2)} \\
 + \quad 3 \times .25 = \underline{.75} \text{ (Final)} \\
 \hline
 3.38 \text{ (B)}
 \end{array}$$

This application demonstrates compression of the final grade reported on the transcript.

To Determine the Weighted Point Value (0-100% scale)

$$\begin{array}{r}
 88 \times .375 = 33.00 \text{ (Q1)} \\
 + \quad 98 \times .375 = 36.75 \text{ (Q2)} \\
 + \quad 86 \times .25 = \underline{21.50} \text{ (Final)} \\
 \hline
 91.25 \text{ (A)}
 \end{array}$$

This application, already calculated by OARS, demonstrates the greatest degree of precision available, which should be reported on the transcript.

