



How PowerSchool Calculates Scores in PowerTeacher Gradebook When Using Weighted Categories

Purpose: *Teachers* – Teachers using the PowerTeacher Gradebook must be aware of the method that PowerSchool uses to calculate scores in the gradebook when using weighted categories. This explanation will demonstrate how that calculation is determined.

Example of a typical grade book:

Categories used in this example are Tests(40%), Quizzes(35%), Homework(8%), Extra Credit(8%), and In Class Work(9%).

<table border="1"> <tr> <td>Tests</td> <td>40%</td> </tr> <tr> <td>score</td> <td>possible</td> </tr> <tr> <td>15</td> <td>20</td> </tr> <tr> <td>23</td> <td>44</td> </tr> <tr> <td><hr/></td> <td><hr/></td> </tr> <tr> <td>38</td> <td>64</td> </tr> <tr> <td></td> <td>0.59375</td> </tr> </table>	Tests	40%	score	possible	15	20	23	44	<hr/>	<hr/>	38	64		0.59375	<table border="1"> <tr> <td>Quizzes</td> <td>35%</td> </tr> <tr> <td>score</td> <td>possible</td> </tr> <tr> <td>14</td> <td>20</td> </tr> <tr> <td><hr/></td> <td><hr/></td> </tr> <tr> <td>14</td> <td>20</td> </tr> <tr> <td></td> <td>0.7</td> </tr> </table>	Quizzes	35%	score	possible	14	20	<hr/>	<hr/>	14	20		0.7	<table border="1"> <tr> <td>Homework</td> <td>8%</td> </tr> <tr> <td>score</td> <td>possible</td> </tr> <tr> <td>6</td> <td>6</td> </tr> <tr> <td>0</td> <td>6</td> </tr> <tr> <td><hr/></td> <td><hr/></td> </tr> <tr> <td>4</td> <td>16</td> </tr> <tr> <td>10</td> <td>28</td> </tr> <tr> <td></td> <td>0.357142857</td> </tr> </table>	Homework	8%	score	possible	6	6	0	6	<hr/>	<hr/>	4	16	10	28		0.357142857
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Total score divided by total possible
7/10 in this example = .7

	<u>% received</u>	<u>Category Weight</u>	<u>Calculated Score</u>
Tests	59.375	x .4	23.75
Quizzes	70	x .35	24.5
Homework	35.714	x. 08	2.85712
Extra Credit	200	x. 08	16
In Class Work	70	x. 09	6.3

Final Gradebook Percentage
73.40712 (sum of all Calculated Scores)

Category Weights are multiplied by the total of the total percent received from a category to equal a Calculated Score. Calculated scores are added together to obtain the final gradebook %.