Make sure Valid Marks are appropriately set up in Aeries. <mark>**Note from Valid Marks -** Note 1:</mark>

<mark>Grade points are multiplied by credit value and divided by the total credits attempted to compute GPA.</mark>

Incorrect Way to calculate GPA–

Add grade points received for each class and divide by the number of classes. This method works ONLY when all credit values are the same. In the scenario below, the Language Arts class worth 10 credits receives no more value than any of the 5 credit classes – not a good thing.

Class	Mark Received	Grade Points	Credit Value	Process = Grade Points/Classes
Language Arts	B	3	10	
Math	A	4	5	
Science	C	2	5	
PE	F	0	5	
Social Science	D	1	5	
Totals	**5 Classes**	**10 Grade Points**	**30 Credits ATT**	**10/5 = 2.0**

Correct Way

Multiply grade points received for each class by credits attempted for each class. Add total grade points received and divide by total number of credits attempted. In the scenario below, the Language Arts class worth 10 credits receives twice the value of grade points as the 5 credit classes. This is a good thing, and the calculation is correct.

Class	Mark Received	Grade Points	Credit Value	Total Grade Points	Process = multiply grade points from each class x credits attempted for each class, then divide Tot GP's by total CR
Language Arts	B	3	X 10	30	
Math	A	4	X 5	20	
Science	C	2	X 5	10	
PE	F	0	X 5	0	
Social Science	D	1	X 5	5	
Totals	**5 Classes**	**10 Grade Points**	**30 Credits ATT**	**65 Total Grade Points**	**65/ 30 = 2.166**

Incorrect – reverse the B in Language Arts and the F in PE – difference even more dramatic.

Class	Mark Received	Grade Points	Credit Value	Process = Grade Points/Classes
Language Arts	F	0	10	
Math	A	4	5	
Science	C	2	5	
PE	B	3	5	
Social Science	D	1	5	
Totals	**5 Classes**	**10 Grade Points**		**10/5 = 2.0**

Correct

Class	Mark Received	Grade Points	Credit Value	Total Grade Points	Process = multiply grade points from each class x credits attempted for each class, then divide Tot GP's by total CR
Language Arts	F	0	10	X 0	
Math	A	4	5	X 20	
Science	C	2	5	X 10	
PE	B	3	5	X 15	
Social Science	D	1	5	X 5	
Totals			**30 Credits ATT**	**50 Total Grade Pts**	**50/ 30 = 1.66**