



How to calculate a weighted GPA

*Each **course** is assigned a credit value:

English = 5 credits

Math = 5 credits

Lab Science = 6 credits

*Each **letter grade** is assigned a number value:

A = 4

B = 3

C = 2

D = 1

F = 0

Plus and minus grades extend the range of grading possibilities:

A+ = 4.3 A = 4 A- = 3.7, and so on.

In courses with a more rigorous curriculum, such as Honors and AP, the grades are given an extra “weight”:

Grade	Regular	Honors	AP
A+	4.3	4.6	4.8
A	4	4.3	4.5
A-	3.7	4	4.2
B+	3.3	3.6	3.8
B	3	3.3	3.5
B-	2.7	3	3.2
C+	2.3	2.6	2.8
C	2	2.3	2.5
C-	1.7	2	2.2
D+	1.3	1.6	1.8
D	1	1.3	1.5
D-	.7	1	1.2

Step 1:

Chart out the course, credits, and grades as follows:

Course title	Credits	Grade	Number	QP
AP English	5	A		
Honors Spanish	5	B		
Honors Science	6	B		
Social Studies	5	A		
AP Math	5	B		
Phys Ed*	3.75	C		
Health*	1.25	C		
* Not included				

Step 2:

Add in the **numbers** for the grade values:

Course title	Credits	Grade	Number	QP
AP English	5	A	4.8	
Honors Spanish	5	B	3.3	
Honors Science	6	B	3.3	
Social Studies	5	A	4	
AP Math	5	B	3.5	

Step 3:

Multiply the number of credits times the grade value number (**quality points**)

Course title	Credits	Grade	Number	QP
AP English	5	A	4.8	24
Honors Spanish	5	B	3.3	16.5
Honors Science	6	B	3.3	19.8
Social Studies	5	A	4	20
AP Math	5	B	3.5	17.5

Step 4:

Now total the **Credits** and the **QP (quality points)** columns:

Course title	Credits	Grade	Number	QP
AP English	5	A	4.7	24
Honors Spanish	5	B	3.7	16.5
Honors Science	6	B	3.7	19.8
Social Studies	5	A	4	20
AP Math	5	B	4.3	17.5
	26			97.8

Step 5:

Divide the **Total QP** by the **Total Credits** to get the **GPA**:

$$97.8/26 = 3.7615$$

Worksheet

Course title	Credits	Grade	Number	QP

GPA = _____