



## Monarch™ Calculating Student Grade Point Averages (GPAs)

Use these instructions and charts below to help you calculate your student's Grade Point Average (GPA). To calculate the GPA, you need this information:

- Score letter grade earned to establish *points* earned. The default Monarch grading scale is set like this:

A = 94-100

B = 86-93

C = 77-85

D = 70-76

For points earned based on two typical grade scales, see the charts in "[Grade scale \(weighting\) charts](#)" on the next page.

**Note** For more information about the default grading scale for your school, see "Customize school grade and assignment weights settings" in the *Monarch Teacher User Guide*.

- Credit received for course. Monarch considers full year (10-13 units) courses as earning one full credit and single semester (5-6 unit) courses earn a half (0.5) credit.

### Process and example

Whether you calculate student GPA manually or use one of the many online GPA calculators, the process typically involves four steps:

- Based on the score/letter grade earned, determine the number of points earned for a course
- Based on whether or not the course was full year or single semester, determine the number of credits the student received for a completed course.
- Add up the number of points earned and credits for all courses.
- Divide the total number of points earned by the total number of credits received.

In the following example, using these steps, along with the default Monarch grading scale, a student who completed seven courses this school year and earned the following scores, points, and credits would look like this:

Course	Score / Letter grade earned	Points earned (or individual course GPA)	Credits received
Algebra II	95 / A	3.67	1
American History	90 / B	3.0	1
English III	89 / B	3.0	1
Chemistry	98 / A	4.0	1
Bible Doctrine	94 / A	3.67	1
Physical Fitness	92 / B	1.67	0.5



Course	Score / Letter grade earned	Points earned (or individual course GPA)	Credits received
Personal Financial Literacy	93 / B	1.67	0.5
<b>Totals</b>		<b>20.68</b>	<b>6</b>

In the example above, the student earned 20.68 points and received 6 credits. To get the cumulative GPA, divide the total number of points earned (20.68) by the total number of credits received (6), yielding a GPA of 3.4.

There are a number of GPA calculators available online. An easy one to use is at <http://www.back2college.com/gpa.htm>.

## Grade scale (weighting) charts

Most educational institutions use one of these Grading Scale (Weighting) charts to “fine tune” the grade weighting. Use the chart that corresponds to the grade scale you use for your homeschool. The first chart is the one that matches the default Monarch grade scale of 94/86/77/70.

Grade Scale (Weighting)			
Using 94/86/77/70 Grade Scale			
Letter Grade	Numeric Grade	1 Credit Points	0.5 Credit Points
A	96 - 100	4.00	2.00
A-	94 - 95	3.67	1.84
B+	91 - 93	3.33	1.67
B	88 - 90	3.00	1.50
B-	86 - 87	2.67	1.34
C+	83 - 85	2.33	1.17
C	80 - 82	2.00	1.00
C-	77 - 79	1.67	0.84
D+	75 - 76	1.33	0.67
D	72 - 74	1.00	0.50
D-	70 - 71	0.67	0.34
F	Below 70	0.00	0.00



<b>Grade Scale (Weighting)</b>			
<b>Using 90/80/70/60 Grade Scale</b>			
<b>Letter Grade</b>	<b>Numeric Grade</b>	<b>1 Credit Points</b>	<b>0.5 Credit Points</b>
A	93 - 100	4.00	2.00
A-	90 - 92	3.67	1.84
B+	87 - 89	3.33	1.67
B	83 - 86	3.00	1.50
B-	80 - 82	2.67	1.34
C+	77 - 79	2.33	1.17
C	73 - 76	2.00	1.00
C-	70 - 72	1.67	0.84
D+	67 - 69	1.33	0.67
D	63 - 66	1.00	0.50
D-	60 - 62	0.67	0.34
F	Below 60	0.00	0.00