

## GRADE-POINT AVERAGES

**Cumulative Simple GPA:** To calculate a student's cumulative simple grade-point average (GPA), we convert the student's letter grades using the flowing chart:

A+     4.300	C+     2.300
A       4.000	C       2.000
A-     3.700	C-     1.700
B+     3.300	D+     1.300
B       3.000	D       1.000
B-     2.700	F       0.000

Satisfactory/unsatisfactory grades and grades for physical education and health are not included in calculating cumulative simple grade-point average. The cumulative simple grade-point average is then calculated using the following formula:

$$\text{GPA} = [\Sigma(\text{course grade-point} * \text{earned course credits})/\text{earned total credits}]$$

The cumulative simple grade-point average is printed on each student's transcript and will be released as requested by parent/guardian and/or adult students. Honor roll is based on the simple GPA.

**Quality-Point Ratio** - Stratford Public Schools use a Quality-Point Ratio (QPR) to determine course weight of student grades. This allows the class rank to be reflective of course difficulty as well as student grades. To determine a student's weighted rank, grades are weighted for the difficulty of courses the student has taken. For example, Advanced Placement and UConn ECE courses are weighted higher than honors courses, honors courses are weighted higher than level 1 courses, and so on. Class rankings are reported to colleges after six semesters. Final weighted ranks to determine class valedictorians and salutatorians are computed following the end of the third marking period of the senior year. Class ranks are reported to colleges on the final transcripts.

To calculate a student's class rank, we first determine the classification of the courses as follows:

- Series V courses include all Advanced Placement and UConn Early College Experience courses,
- Series IV courses include all courses designated honors courses,
- Series III courses include all designated level 1 courses,
- Series II courses include all designated level 2 and undesignated courses, and
- Series I courses include all physical education and health, as well as any courses graded with satisfactory/unsatisfactory grades.

Series designations are reported on student report cards. Next, we convert the student's letter grade to quality points using the following chart:

	SERIES I (not included)	SERIES II	SERIES III	SERIES IV	SERIES V
A+ (97-100)	3.1	3.3	3.6	4.0	4.5
A (93-96)	3.0	3.2	3.5	3.9	4.4
A- (90-92)	2.9	3.1	3.4	3.8	4.3
B+ (87-89)	2.8	3.0	3.3	3.7	4.2
B (83-86)	2.7	2.9	3.2	3.6	4.1
B- (80-82)	2.6	2.8	3.1	3.5	4.0
C+ (77-79)	2.4	2.6	2.9	3.3	3.9
C (73-76)	2.2	2.4	2.7	3.1	3.8
C- (70-72)	2.0	2.2	2.5	2.9	3.7
D+ (67-69)	1.8	2.0	2.3	2.7	3.6
D (65-66)	1.6	1.8	2.1	2.5	3.0
F (0 - 64)	0.0	0.0	0.0	0.0	0.0

Finally, rank is calculated using the following formula for Series II through V courses only:

$$\text{QPR} = \frac{\sum(\text{course quality point} * \text{earned course credits})}{\text{earned total credits}}$$

Because different districts use different course weights, it can be misleading to compare QPRs. For example, one local district weighs an A+ in advanced placement classes as a 5.0, another weighs it 15.0 and a third does not weight it at all! For this reason, many colleges do not accept QPRs. To avoid confusion, the Stratford Public Schools does not release QPRs and only uses them to determine class rank.

**An Example:** The following table shows how we would calculate the cumulative simple GPA and QPR for a student who has completed the ninth grade:

Course	Credits	Grade	GPA	Series	Weighted Grade	Unweighted GPA	Weighted QPR for Class Rank
Biology L1	1	A-	3.7	3	3.4	3.7	3.4
World Studies H	1	A-	4	4	3.9	4	3.9
Eng 1 L2	1	A-	3.7	2	3.1	3.7	3.1
Geometry H	1	A-	3.7	4	3.8	3.7	3.8
Spanish 2	1	A-	4	3	3.6	4	3.6
Keyboard	0.5	A+	4.3	2	3.3	2.15	1.65
MS Office	0.5	A+	4.3	2	3.3	2.15	1.65
Fitness 9	0.2	A+	N/A	1	N/A	N/A	N/A
Cum. Simple GPA =					<b>3.900</b>	QPR =	<b>3.517</b>