

## Rush-Henrietta Central School District Grades 9-12 Report Card and Transcript Calculations

### Quarterly Report Card Grade (QRC)

Students in grades 9-12 receive a numeric grade on a scale of 0-100 for each class in which they have been enrolled for a 10-week period of time. Quarterly grades will factor in such things as tests and quizzes, papers and long-term projects, and homework assignments. At the start of the course, teachers provide students with a written explanation of how quarterly grades will be determined.

### Final Average Grade (FA)

At the conclusion of each class, a final average grade is calculated. For a typical full-year class, the final average grade is a simple average of the four quarterly report card grades earned in the class.

$$Q1RC + Q2RC + Q3RC + Q4RC / 4 = FA$$

Some classes factor a final exam (FE) into the final average grade. In this case, the final average grade is a simple average of the four quarterly report card grades and the final exam grade.

$$Q1RC + Q2RC + Q3RC + Q4RC + FE / 5 = FA$$

### Quarterly Grade Point Average

After all the quarterly grades are collected for each class, a Quarterly Grade Point Average (GPA) is calculated as a percentage. This is an average of all quarterly grades earned, but it gives consideration to the number of credits a student can potentially earn in each class. For example, students may spend twice as much time in a full-year class as they do in a half-year (semester) class. In order for the classes to impact the GPA equitably, the GPA must reflect the Potential Credits a student can earn in each class. The Quarterly Grade is multiplied by the Potential Credit, resulting in a Grade Point. The Grade Points are added up and divided by the Total Potential Credits to calculate a Quarterly GPA. Here's an example:

Course	Quarterly Grade	Potential Credit	Grade Points (Quarterly Grade X Potential Credit)
Math	98	1	98
English	95	1	95
Science	92	1	92
Social Studies	97	1	97
Health	96	.5	48
Physical Education	80	.25	20
Total (sum)		4.75	450
Quarterly GPA = (Sum (Grade Points)) / (Sum (Potential Credits))		450 / 4.75 = 94.74 The student's Quarterly GPA is 94.74	

*For more information about each course's Potential Credit, please see the Course Description Book.*

## Weighted Quarterly GPA

Local school districts are allowed to set their own parameters for student recognition, such as the honor roll. We know students take great pride in earning a place on the honor roll, which is why we use a system that takes into consideration the challenges provided to students who take more rigorous courses, including Honors, Advanced Placement, and college classes. To encourage students to take these rigorous courses, Rush-Henrietta uses weighted averages. Students who take advanced classes receive a Level Weight added to their Quarterly Report Card Grade before the Quarterly GPA is calculated. A Level Weight of 10 points is added to quarterly grades for Advanced Placement and college classes, and a Level Weight of 5 points is added to quarterly grades for each Honors class. Here's an example showing different levels:

Course	Course Level	Quarterly Grade	Level Weight	Potential Credits	Weighted Grade Points ((Quarterly Grade + Level Weight) X Potential Credit)
Geometry R	Regents	94	0	1	94
English 10 H	Honors	85	5	1	90
Chemistry	Regents	92	0	1	92
AP World History	Advanced Placement	85	10	1	95
Health	Regents	80	0	.5	40
Physical Education	Regents	80	0	.25	20
Total (sum)				4.75	431
Weighted Quarterly GPA = (Sum (Weighted Grade Points)) / (Sum (Potential Credits))				431 / 4.75 = 90.74 The student's Weighted Quarterly GPA is 90.74	

*For more information about each course's Potential Credits and Level Weighting, please see the Course Description Book.*

## Honor Roll

Honor Roll is based on the student's Weighted Quarterly GPA. Rush-Henrietta has three levels of honor roll in grades 9-12:

Rush-Henrietta Honor Roll Criteria	
High Honor Roll	A Weighted Quarterly GPA of 95 or above with no failing grades or incompletes.
Honor Roll	A Weighted Quarterly GPA between 90.00 - 94.99 with no failing grades or incompletes.
Honorable Mention	A Weighted Quarterly GPA between 85.00 – 89.99 with no failing grades or incompletes.

## Unweighted Quarterly GPA

Although weighted averages help the R-H community recognize student achievement, approximately half of the nation's colleges only consider unweighted averages. If a high school transcript reflects weighted averages, the college may unweight the grades to get a more accurate idea of the student's achievement. Of course, admissions officers take into consideration that the student has taken more challenging coursework. For this reason, Rush-Henrietta also displays an Unweighted Quarterly GPA on the report card. In this example, no Level Weights have been added to the Quarterly Report Card Grade before calculating the GPA.

**Unweighted Quarterly GPA Example:**

Course	Course Level	Quarterly Grade	Potential Credits	Unweighted Grade Points (Quarterly Grade X Potential Credit)
Geometry R	Regents	94	1	94
English 10 H	Honors	85	1	85
Chemistry	Regents	92	1	92
AP World History	Advanced Placement	85	1	85
Health	Regents	80	.5	40
Physical Education	Regents	80	.25	20
Total (sum)			4.75	416
Unweighted Quarterly GPA = (Sum (Unweighted Grade Points)) / (Sum (Potential Credits))			416 / 4.75 = 87.58 The student's Unweighted Quarterly GPA is 87.58	

*For more information about each course's Potential Credit, please see the Course Description Book.*

**Final Average GPA**

At the end of the school year, a Final Average GPA is calculated for each student in grades 9-12. This is an average of all the Final Average Grades earned. Like the quarterly averages, it gives consideration to the potential number of credits earned for each class. A Weighted and Unweighted Final Average GPA is displayed on the report card.

**Weighted Final Average GPA**

Students who take advanced classes receive a Level Weight added to their Final Average Grade before the Final Average GPA is calculated. A Level Weight of 10 points is added to the Final Average Grade for Advanced Placement and college classes, and a Level Weight of 5 points is added to the Final Average Grade for each Honors class. Here's an example:

Course	Course Level	Final Average Grade	Level Weight	Potential Credits	Weighted Grade Points ((Final Average Grade + Level Weight) X Potential Credit)
Geometry R	Regents	95	0	1	95
English 10 H	Honors	93	5	1	98
Chemistry	Regents	92	0	1	92
AP World History	Advanced Placement	94	10	1	104
Health	Regents	96	0	.5	48
Physical Education	Regents	80	0	.25	20
Total (sum)				4.75	457
Weighted Final Average GPA = (Sum (Weighted Grade Points)) / (Sum (Potential Credits))				457 / 4.75 = 96.21 The student's Weighted Final Average GPA is 96.21	

*For more information about each course's Potential Credits and Level Weighting, please see the Course Description Book.*

### Unweighted Final Average GPA

Although weighted averages help the R-H community recognize student achievement, approximately half of the nation's colleges only consider unweighted averages. If a high school transcript reflects weighted averages, the college may unweight the grades to get a more accurate idea of the student's achievement. The majority of colleges report that the level of course rigor is one of the top criteria considered for admission. For this reason, Rush-Henrietta also displays an Unweighted Final Average GPA on the report card. In this example, no Level Weights have been added to the Final Average grades before calculating the GPA.

Course	Course Level	Final Average Grade	Potential Credit	Unweighted Grade Points (Final Average Grade X Potential Credit)
Geometry R	Regents	95	1	95
English 10 H	Honors	93	1	93
Chemistry	Regents	92	1	92
AP World History	Advanced Placement	94	1	94
Health	Regents	96	.5	48
Physical Education	Regents	80	.25	20
Total (sum)			4.75	442
Weighted Final Average GPA = (Sum (Unweighted Grade Points)) / (Sum (Potential Credits))			442 / 4.75 = 93.05 The student's Unweighted Final Average GPA is 93.05	

*For more information about each course's Potential Credit, please see the Course Description Book.*

### Cumulative Unweighted GPA

After grades are posted to the student's transcript at the end of the year, a Cumulative Unweighted Grade Point Average (GPA) is calculated. This is an average of the final grades in potential credit-bearing classes that the student has taken. Like the Quarterly and Final Average GPA's, the Cumulative GPA gives consideration to the number of credits a student can potentially earn in each class. The Cumulative Unweighted GPA is displayed on the student's transcript. Here's an example:

Year	Grade Lvl	Course	Final Average	Potential Credit	Unweighted Grade Points (Final Average Grade X Potential Credit)
2008	08	Earth Science	85	1	85
2009	09	English 9R	86	1	86
2009	09	Algebra	96	1	96
2009	09	Biology	88	1	88
2009	09	Phys Ed S1	100	.25	25
2009	09	Phys Ed S2	98	.25	24.5
2010	10	English 10R	89	1	89
2010	10	Geometry	93	1	93
Total (sum)				6.50	586.5
Cumulative Unweighted GPA = (Sum (Unweighted Grade Points)) / (Sum (Potential Credits))				586.5 / 6.50 = 90.23 The student's Cumulative Unweighted GPA is 90.23	

## **Decile Placement**

Seniors are placed into deciles each quarter of their senior year. In order to be eligible, students must not have any incomplete grades and must not be repeating grade 12. Other factors may affect a student's eligibility for decile placement. Students are sorted in order of their Unweighted Cumulative GPA from highest to lowest, and then divided into 10 equal parts.

Students are assigned a number between 1 and 10 to represent their decile placement. The students with the highest Cumulative Unweighted GPA's are placed in Decile 1.