

GPA Calculations

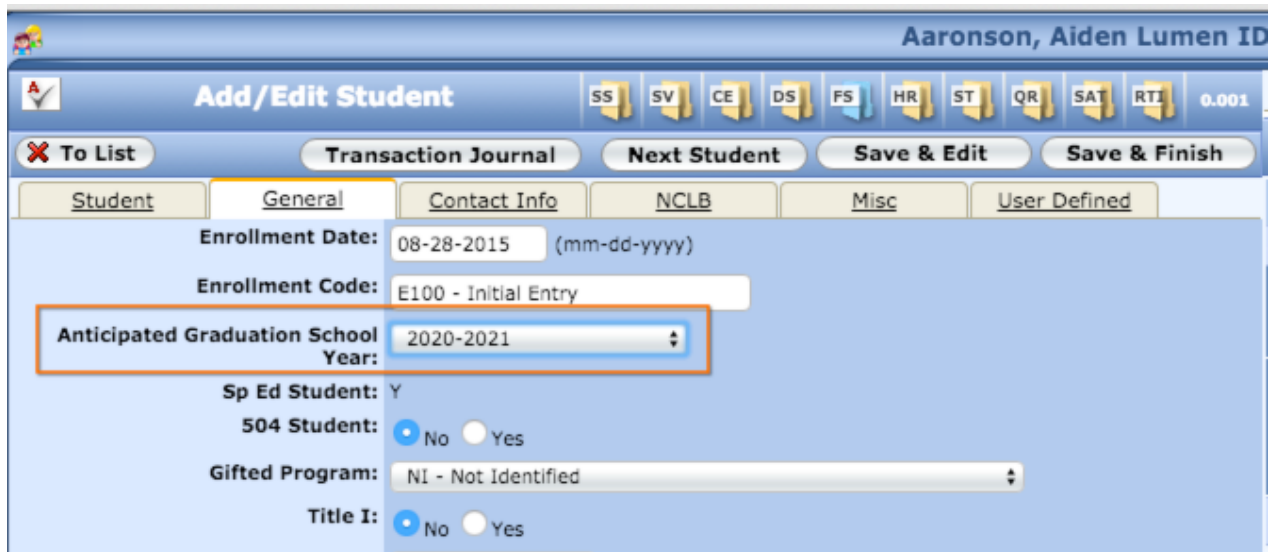
The way a GPA is calculated for a student is defined by the GPA Calculation Method for the student's Anticipated Graduation School Year. **Therefore, every Anticipated School Year must have a calculation defined and every student must have an Anticipated Graduation School Year set in order for the student to have a Cumulative GPA.**

1. Anticipated Graduation School Years

District School Years should be defined for all anticipated graduation school years for all grade levels, K-12.

EzStart -> Lumen Touch - District Admin -> District Setup -> District Setup -> District School Year Definitions

The Anticipated Graduation School Year for a student is stored in the student's demographic record under the General tab. It can be entered or changed here manually.

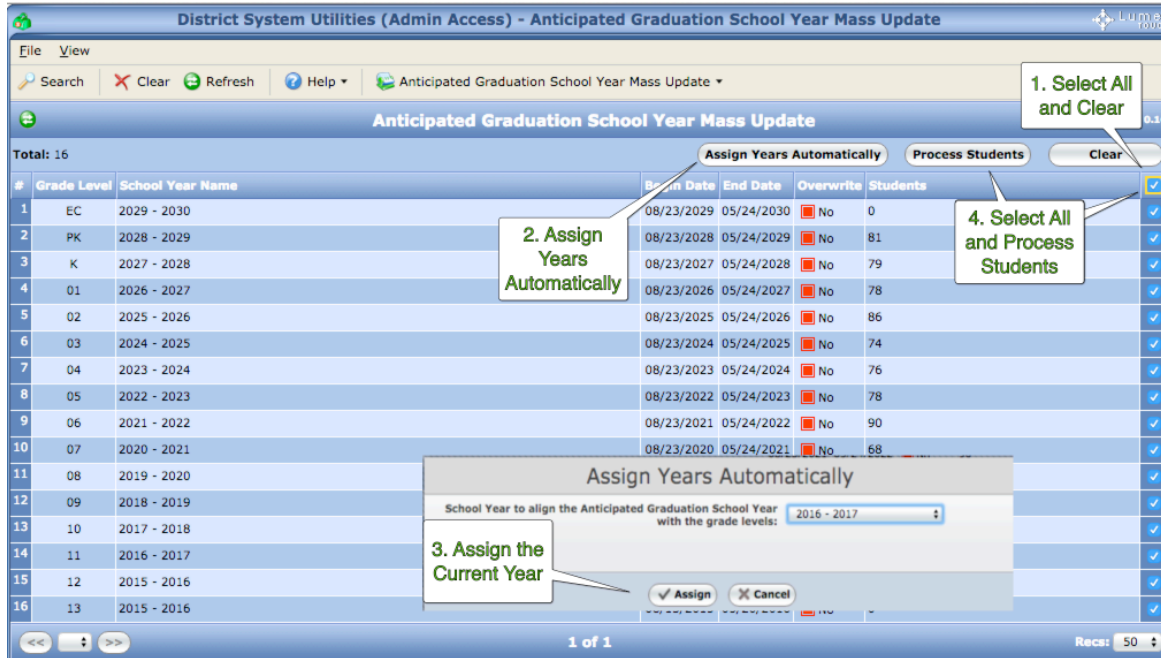


The screenshot shows the 'Add/Edit Student' interface for a student named Aaronson, Aiden. The 'General' tab is selected, and the 'Anticipated Graduation School Year' dropdown menu is highlighted with a red box, showing '2020-2021'. Other fields include Enrollment Date (08-28-2015), Enrollment Code (E100 - Initial Entry), Sp Ed Student (Y), 504 Student (No), Gifted Program (NI - Not Identified), and Title I (No).

To insure everyone has an Anticipated Graduation School Year, the following utility can be used. This Utility will ensure all students who need a GPA will have an Anticipated Graduation School Year defined. New students will have it automatically assigned when enrolled.

EzStart -> Lumen Touch - District Admin -> District System Utilities -> District System Utilities -> Anticipated Graduation School Year Mass Update

1. Select all grade levels.
2. Click Clear.
3. Click Assign Years Automatically.
4. Click Assign.
5. Select all grade levels.
6. Click Process Students.



1. Select All and Clear

2. Assign Years Automatically

3. Assign the Current Year

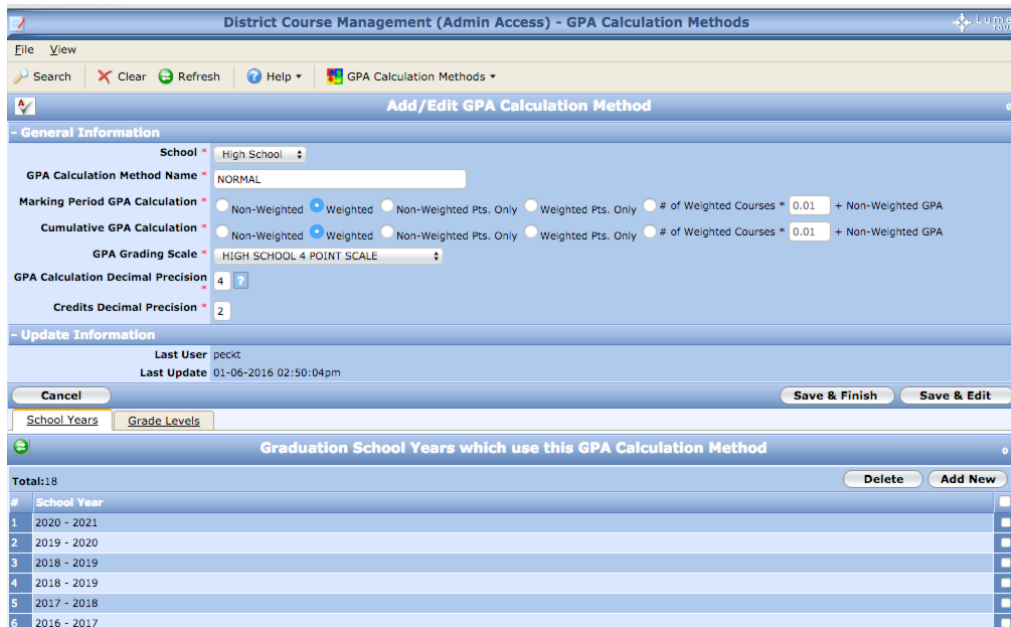
4. Select All and Process Students

#	Grade Level	School Year Name	Begin Date	End Date	Overwrite	Students
1	EC	2029 - 2030	08/23/2029	05/24/2030	No	0
2	PK	2028 - 2029	08/23/2028	05/24/2029	No	81
3	K	2027 - 2028	08/23/2027	05/24/2028	No	79
4	01	2026 - 2027	08/23/2026	05/24/2027	No	78
5	02	2025 - 2026	08/23/2025	05/24/2026	No	86
6	03	2024 - 2025	08/23/2024	05/24/2025	No	74
7	04	2023 - 2024	08/23/2023	05/24/2024	No	76
8	05	2022 - 2023	08/23/2022	05/24/2023	No	78
9	06	2021 - 2022	08/23/2021	05/24/2022	No	90
10	07	2020 - 2021	08/23/2020	05/24/2021	No	68
11	08	2019 - 2020				
12	09	2018 - 2019				
13	10	2017 - 2018				
14	11	2016 - 2017				
15	12	2015 - 2016				
16	13	2015 - 2016				

2. Updating GPA Calculation Methods

EzStart -> Lumen Touch - District Main -> District Course Management -> District Course Management -> GPA Calculation Methods

If the Calculation Method exists, check the Method to insure the School Year list includes all Graduation School Years for each grade level needed. This means the school year the students will be when in Grade 12. Add as needed.



Add/Edit GPA Calculation Method

General Information

School: High School

GPA Calculation Method Name: NORMAL

Marking Period GPA Calculation: Non-Weighted Weighted Non-Weighted Pts. Only Weighted Pts. Only # of Weighted Courses * 0.01 + Non-Weighted GPA

Cumulative GPA Calculation: Non-Weighted Weighted Non-Weighted Pts. Only Weighted Pts. Only # of Weighted Courses * 0.01 + Non-Weighted GPA

GPA Grading Scale: HIGH SCHOOL 4 POINT SCALE

GPA Calculation Decimal Precision: 4

Credits Decimal Precision: 2

Update Information

Last User: peckt
Last Update: 01-06-2016 02:50:04pm

Buttons: Cancel, Save & Finish, Save & Edit

Graduation School Years which use this GPA Calculation Method

Total: 18

#	School Year
1	2020 - 2021
2	2019 - 2020
3	2018 - 2019
4	2018 - 2019
5	2017 - 2018
6	2016 - 2017

The GPA precision is also set here.

3. Creating a GPA Calculation Method.

Only 1 Calculation Method is needed to calculate both Weighted and Non-Weighted GPA. The system will calculate both a weighted and a non-weighted GPA if the weighted method is selected.

EzStart -> Lumen Touch - District Main -> District Course Management -> District Course Management -> GPA Calculation Methods

1. Click Add New and give the calculation a name or edit an existing calculation. Choose the Marking Period GPA Calculation and the Cumulative GPA Calculation.
 - 1.1. **Non-Weighted** – this calculation will calculate only a non-weighted GPA.
 - 1.2. **Weighted** – this calculation will calculate a non-weighted GPA and a weighted GPA base on the grading scales used. (High schools with weighted courses)
 - 1.3. **Non-Weighted Pts Only** – this calculation does not calculate the course credits in the formula. (Elementary, Middle, and Junior High schools)
 - 1.4. **Weighted Pts Only** – this calculation does not calculate the course credits in the formula, but does calculate weighted classes. (Elementary, Middle, and Junior High schools)
 - 1.5. **# of Weighted Courses** – this calculation adds the defined value for each weighted class to the non-weighted GPA to produce the GPA.
2. Choose the Default Grading Scale. (Used if a class does not have a grading scale assigned.)
3. Choose the GPA Calculation Decimal Precision. (Number of decimal places to the right of the decimal point.)
4. Choose the Credits Decimal Precision. (Usually 2 unless credits are posted with 2 .decimal places. Example - set to 3 if some classes have .25 credits.
5. Save and Edit.
6. Under the School Years tab, click Add New and enter each graduating school year where this calculation is used. (Every student must have an Anticipated Graduation School year. It's under the General tab in Student Demographics.)
7. Under the Grade Levels click Add New and enter the grade levels for this calculation.

Understanding GPA

1. Weighted and Non-Weighted GPAs are calculated by the sum of the grade points earned divided by the sum of the GPA credits attempted. The grade points earned for a course is the product of the credit for the course and the points assigned to the grade in the grading scale. Not all course grades have points assigned, therefore the credits attempted for these course are not in the sum of credits. The below example shows two classes marked to not be included in the GPA (in yellow).

- The non-weighted GPA is calculated by the sum of the non-weighted points divided by the sum of the GPA Credits Attempted. Notice the difference between the Cum Credits Attempted and the GPA Credits.

School Year: 2010-2011, Grade Level: 10, Marking Period: S2														0.003	
Total:7														Delete	Add New
#	Course	SA	GCH	N	Grd	%	CrdA	CrdE	N/W FGrdPts	N/W GrdPts	W FGrdPts	W GrdPts	Grading Scales		
1	Biology II (414-1)		NNN	D	60	.500	.500	.500	1.000	.500	1.000	.500	High School		
2	Credit Recovery - General Math I (1100-12)		NNN	C	73	.500	.500	.500	2.000	1.000	2.000	1.000	High School		
3	Direct Instruction (852-1)	EL	YNY	S	100	.500	.500	.500					S/U		
4	English II (120-03)		NNN	C	77	.500	.500	.500	2.000	1.000	2.000	1.000	High School		
5	Family Health (610-12)		NNN	C	72	.500	.500	.500	2.000	1.000	2.000	1.000	High School		
6	Female Fitness (712-6)		YNY	D	64	.500	.500	.500					High School		
7	World History (212-5)		NNN	B	86	.500	.500	.500	3.000	1.500	4.000	2.000	High School		
S2 Total							Grd Cum CrdA	Grd Cum CrdE	GPA CrdA	GPA CrdE	N/W GrdPts	W GrdPts	N/W GPA	W GPA	
2010-2011 Sub Cum GPA							3.500	3.500	2.500	2.500	5.000	5.500	2.000	2.200	
							12.000	12.000	9.500	9.500	18.500	19.000	1.947	2.000	
														Pos Attd: 48.26 Absent: 3.71	
														In Attd: 44.55 Attd %: 92.31	

- The Weighted GPA is calculated the same way except the sum of the points earned for weighted classes are the weighted points (in red). In the example below, notice the difference in the Weighted Grade Points and the Non-Weighted Grade Points. The points for the weighted class in red earned .5 more points because it was a weighted course.

School Year: 2010-2011, Grade Level: 10, Marking Period: S2														0.003	
Total:7														Delete	Add New
#	Course	SA	GCH	N	Grd	%	CrdA	CrdE	N/W FGrdPts	N/W GrdPts	W FGrdPts	W GrdPts	Grading Scales		
1	Biology II (414-1)		NNN	D	60	.500	.500	.500	1.000	.500	1.000	.500	High School		
2	Credit Recovery - General Math I (1100-12)		NNN	C	73	.500	.500	.500	2.000	1.000	2.000	1.000	High School		
3	Direct Instruction (852-1)	EL	YNY	S	100	.500	.500	.500					S/U		
4	English II (120-03)		NNN	C	77	.500	.500	.500	2.000	1.000	2.000	1.000	High School		
5	Family Health (610-12)		NNN	C	72	.500	.500	.500	2.000	1.000	2.000	1.000	High School		
6	Female Fitness (712-6)		YNY	D	64	.500	.500	.500					High School		
7	World History (212-5)		NNN	B	86	.500	.500	.500	3.000	1.500	4.000	2.000	High School		
S2 Total							Grd Cum CrdA	Grd Cum CrdE	GPA CrdA	GPA CrdE	N/W GrdPts	W GrdPts	N/W GPA	W GPA	
2010-2011 Sub Cum GPA							3.500	3.500	2.500	2.500	5.000	5.500	2.000	2.200	
							12.000	12.000	9.500	9.500	18.500	19.000	1.947	2.000	
														Pos Attd: 48.26 Absent: 3.71	
														In Attd: 44.55 Attd %: 92.31	

Note: If a student does not have a Cumulative GPA calculated, it is because the student does not have an Anticipated Graduation School Year or the GPA Calculation Method is not defined for the Anticipated Graduation School Year.