PSUG National Information Exchange

Users Helping Users

GPA, Honor Rolls and Class Ranks

GPA, Honor Rolls and Class Ranks

ROGER SPRIK

VALLEY CHRISTIAN SCHOOLS

TECHNOLOGY DIRECTOR

Agenda

- GPA
- Honor Roll
- Class Rank

- Tinyurl.com/psug-lv-2014

Introductory Level

About the trainer. . .

- Roger Sprik, Technology Director
  rsprik@vcschools.org
- Valley Christian Schools, Cerritos CA
- 1300+ students Preschool - 12
- PowerSchool since 2003 K-8, 2005 9-12

GPA Overview

General Observations

- Where's the GPA field?
  - It doesn't exist. GPAs are calculated "on the fly", only stored in Class Rank for Class Rank reports.
- I'm trying to specify "X" GPA and I get "Y".
  - The GPA method always supersedes the DAT
- "Weighted" does not mean Honors
  - "Weighted" in PS means course credit.
  - (i.e. – .5 credit worth more than .25)

GPA Locations

- Quick Lookup - Current
  - School - GPA Student Screens
- Cumulative Info screen
  - School - GPA Student Screens
- Transcripts and Reports
- Lists and Exports
- Special Functions - Search by GPA
- Honor Roll
- Class Rank
  - Only place it is stored
- Custom Pages

GPA Building Blocks

- Grades
  - Current or Stored
  - Each grade has a grade point value
- Grading Scale
- Calculation Method
- DAT (Data Access Tag)
  - Displays the GPA on screens and reports
  - Can also be used in exports

Grade Scales

District – Grade Scales

Edit Grade: Default

Option	Value
Grade	B- *
Description	Good *
Grade points	2.667
Cutoff percent	80
Gradebook value	80
Counts in GPA?	☑
Receives added value?	☐
Earns graduation credit?	☑
Teacher's grade scale?	☑

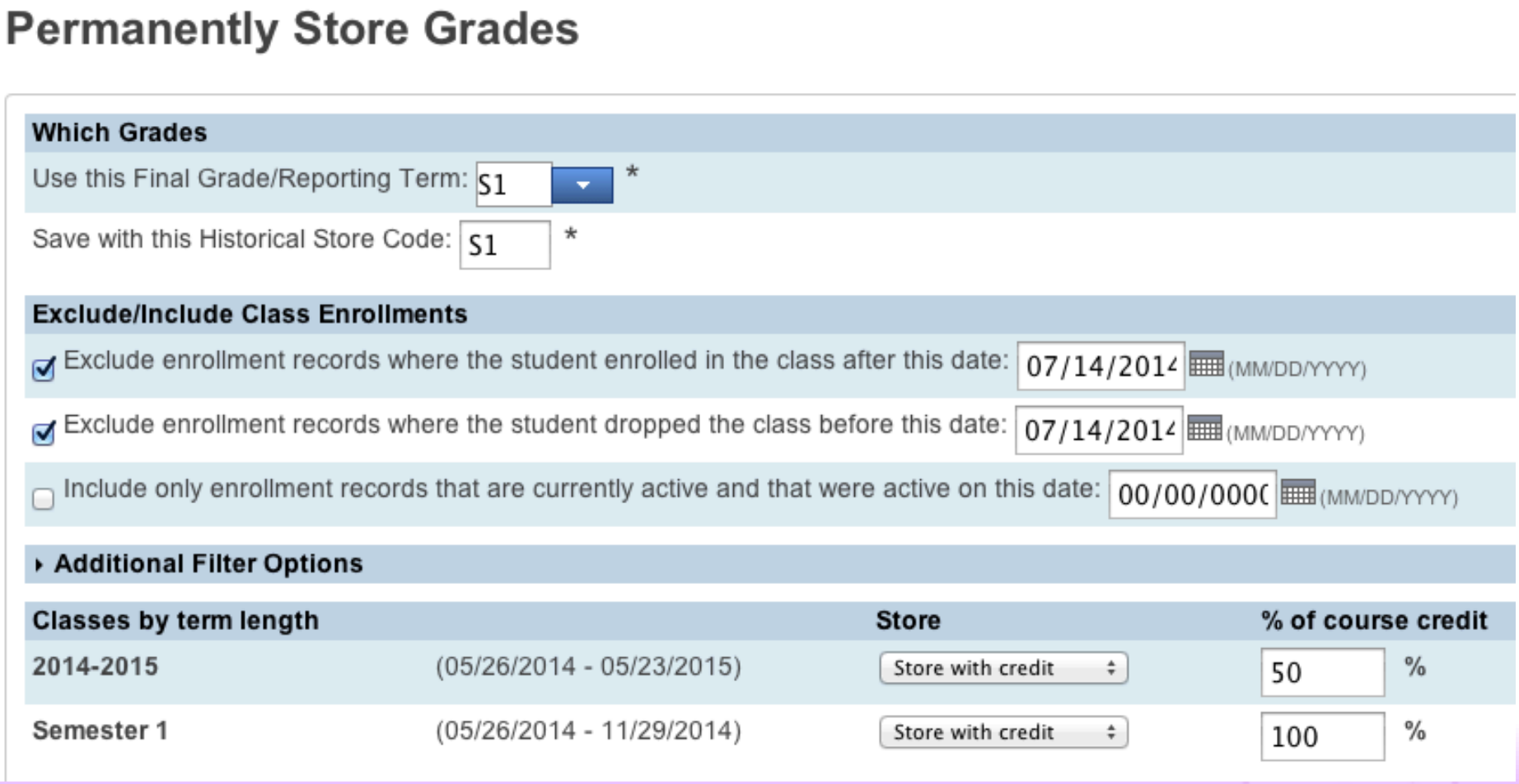
Used By Average Final Grades	
Option	**Value**
Exclude from Average Final Grade Calculation?	☐
Alternative Grade points	0
Cutoff points	0

Storing Grades

Historical Grades

Storing Grades

- System – Permanently Store Grades



Edit Stored Grade

Adair, Brandon 12 3 A AGHS1

School	Apple Grove High School 1
Term ID	2401
School year (Term)	2014-2015 (Semester 1)
Store code	S1
Hist. grade level	12
Associated section	MAT1000-2 (Adams, Mark B, Exp. 4(A-B))
Course number	MAT1000
Course name	Consumer Math
Teacher name	Adams, Mark B
Associated grade scale	Default
Grade	A
GPA points	4
Added value	0
Percent	96
Citizenship	H

Citizenship	H
Absences	0
Tardies	1
Earned credit hours	1
Potential credit hours	1
Credit type	MAT
GPA Calculation	(•) Include ( ) Exclude
Class Rank Calculation	(•) Include ( ) Exclude
Honor Roll Calculation	(•) Include ( ) Exclude
Graduation Calculation	(•) Include ( ) Exclude
Display on Transcript	(•) Yes ( ) No
Teacher comment	
Change history	[6/21/07-10:00:49 PM-u0-s100]Created by store grades [6/22/11-02:08:55 PM-u753-s100]Modified; Credit_Type old=MAT new=HE [2/7/12-01:42:25 PM-u683-s100]Modified; Credit_Type old=HE new=MAT

Delete

GPA Calculation Methods

GPA Calculation Methods

- District
  - GPA Calculations –> Calculation Methods
- Suggestion
  - Don’t delete, copy and make a new method
  - Put in a description and your name
  - Put an “x” in front of unused methods
    - They will sort at the bottom

Default GPA Methods

- Simple
  - adds up gpa points/divides by number of grades
- Simple Percent
  - looks at gpa percentage
- Weighted
  - The "Weighted" GPA calculation uses course credit to factor in weighting, NOT honors
- Weighted Percent

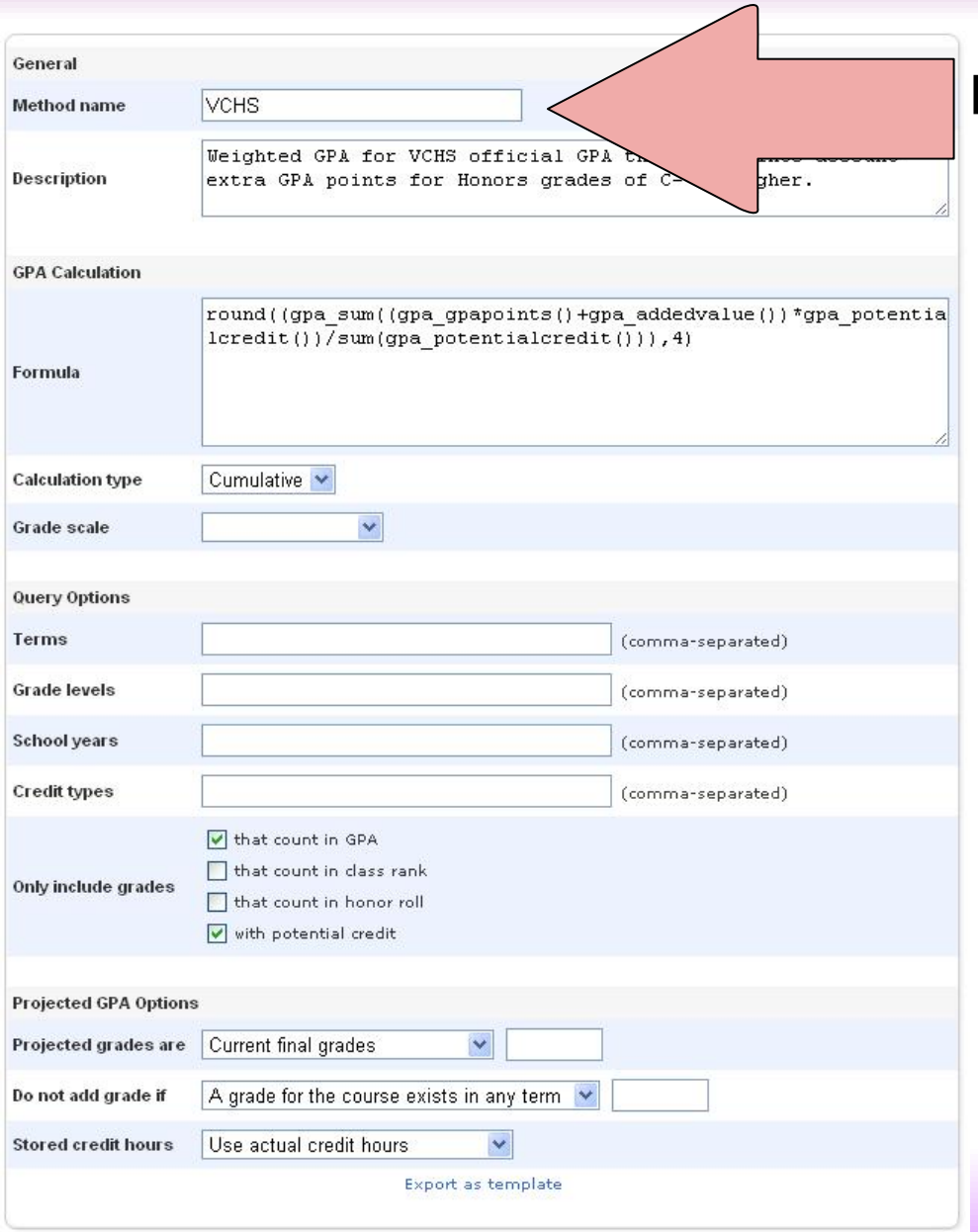
Anatomy of the Method

District

– GPA Calculations

– Calculation Methods

Anatomy of the Method



Name

- This is the name that will be referred to in GPA codes on other pages in PowerSchool.
- Note: The standard methods *Weighted* and *Simple* cannot be renamed.

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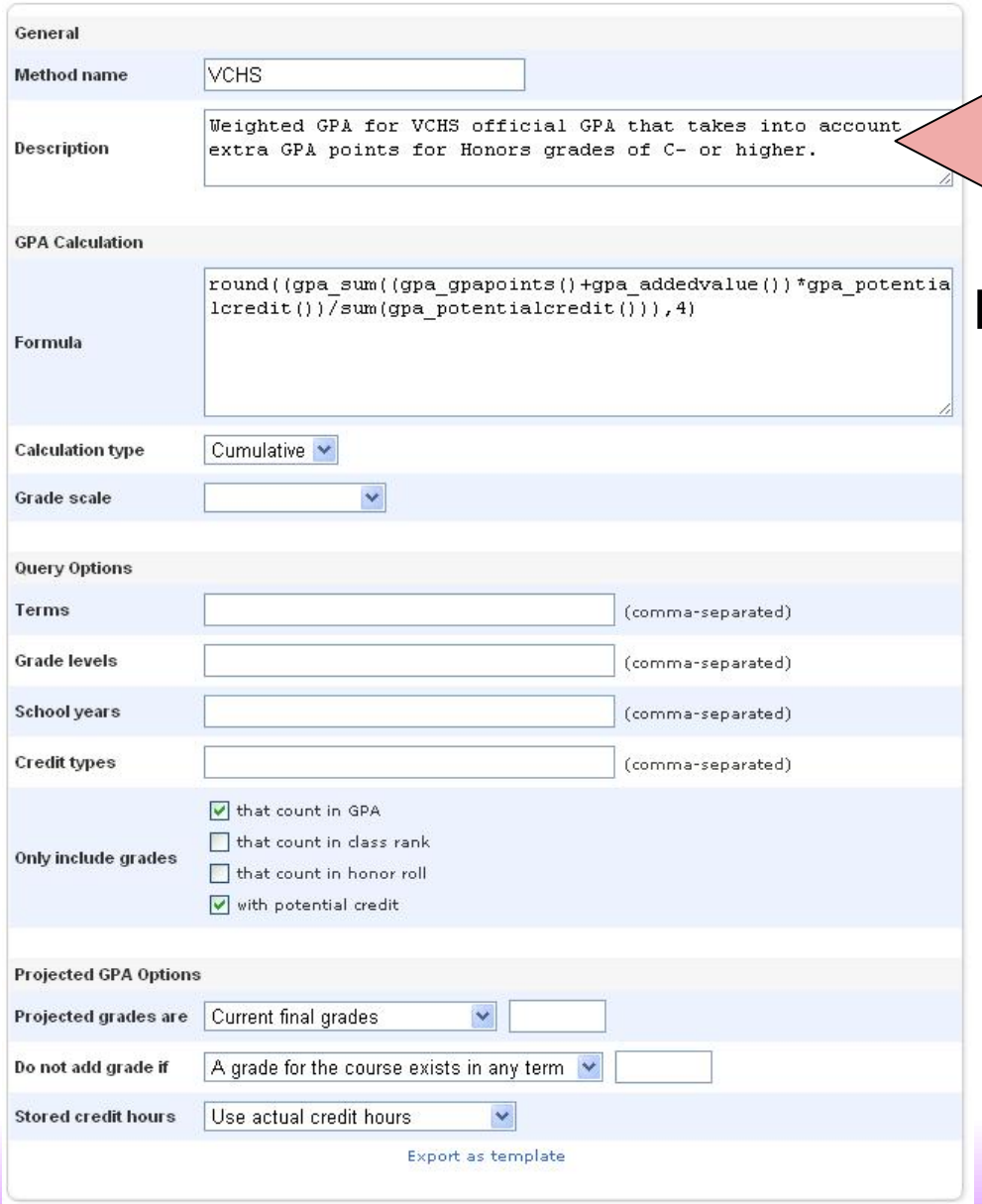
Anatomy of the Method



Description

- Enter a description of the calculation method. This description appears on the GPA Calculation Methods page.

- It is good practice to document your GPA here as thoroughly as possible. Add your name.

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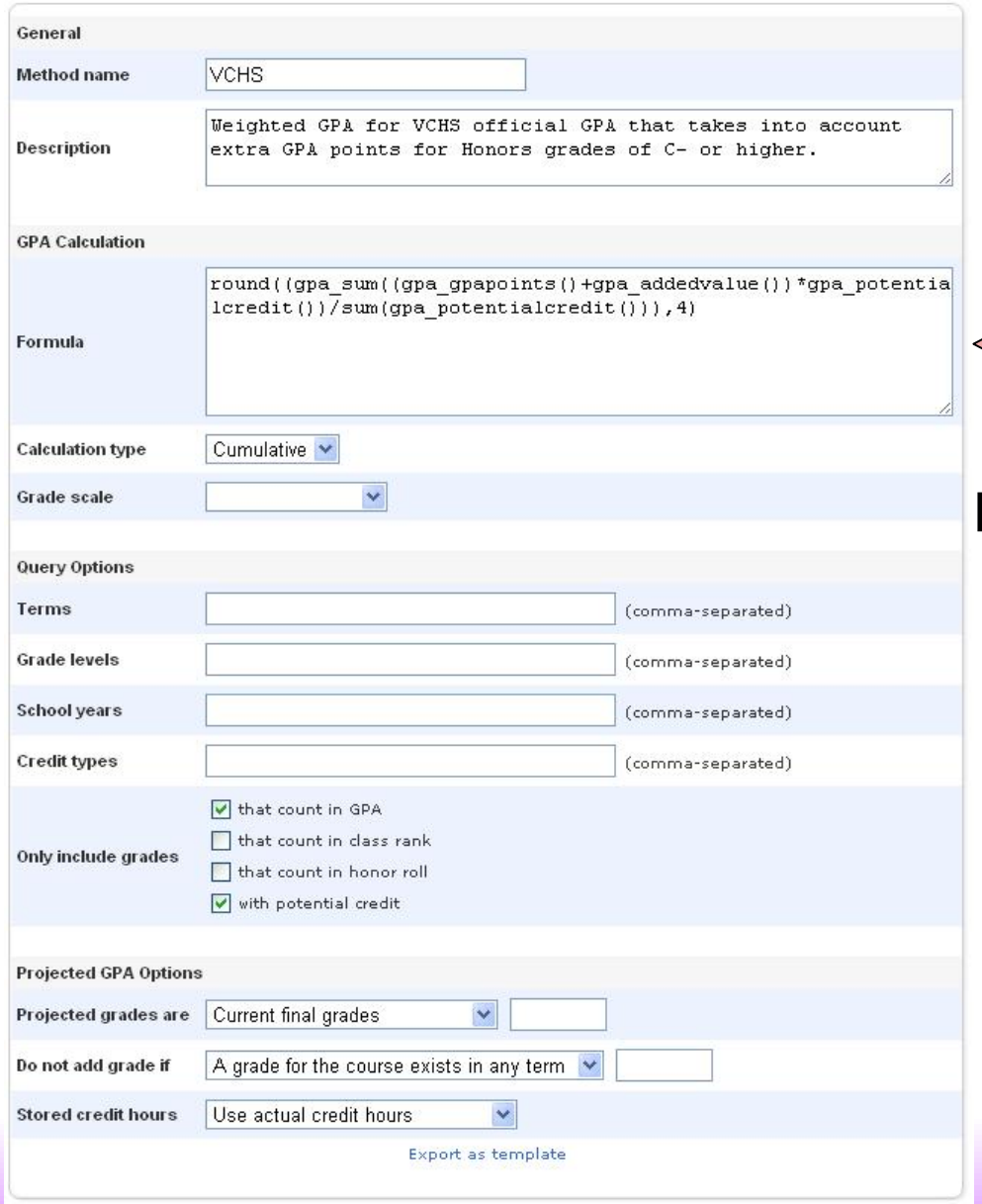
Anatomy of the Method



Formula

- See built-in Help

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GPA “Simple Formula”

round((sum(gpa_gpapoints())/gpa_count()),4)

Plain English

“Total the GPA points and divide by the number of grades and round to 4 decimal places”

see PowerSource article 55371

	A	B	C	D	E
1	Course Number	Course Name	Grade	Gpa Points	Credit Type
2	ENG2000	English 2	B+	3.333	ENG
3	SOC1100	Geography	B-	2.667	SOC
4	HE11	Health 11	A	4	HE
5	LFR1000	French 1	A-	3.667	FL
6	SCI2100	Chemistry 2	B+	3.333	SCI
7	VOC1000	Computer Applications	A-	3.667	VOC
8	ENG2100	Speech	B+	3.333	ENG
9	ENG1100	Journalism	B	3	ENG
10	SOC2000	Current Affairs	A-	3.667	SOC
11	MUS2000	Chamber Singers	A	4	MUS
12	MAT1000	Consumer Math	A	4	MAT
13	PE12	Phys Ed 12	A	4	PE
14	OPmedia	Open Media	A	4	
15	SOC2100	World History	A	4	SOC
16	ENG2100	Speech	B	3	ENG
17	MAT1000	Consumer Math	A	4	MAT
18	OPmedia	Open Media	B+	3.333	MAT
19	LAN1000	Spanish 1	A	4	FL
20				65	
21					
22	Number of Records: 18				
23					
24	65/18=	3.6111			

GPA “Simple Formula”

round((sum(gpa_gpapoints())/gpa_count()),4)

“Total the GPA points and divide by the number of grades and round to 4 decimal places”

Concept	Code	Result
GPA points	gpa_gpapoints()	{4,3,2,1,4}
Total	sum(num1,num2,..)	{14}
Number of Grades	gpa_count()	{5}
Divide	/	{2.8}
Round to 4 decimal places	round(number,digits)	{2.8000}

GPA “Simple Formula”

round((sum(gpa_gpapoints())/gpa_count()),4)

GPA “Simple Formula”

Grade	Grade Points		Grade	Grade Points
A	4		D	1
B	3		A	4
C	2			

round((sum(gpa_gpapoints()) / gpa_count()) ,4)

GPA “Simple Formula”

Grade	Grade Points		Grade	Grade Points
A	4		D	1
B	3		A	4
C	2			

round((sum(**gpa_gpapoints()**) / gpa_count()) ,4)

GPA “Simple Formula”

Grade	Grade Points		Grade	Grade Points
A	4		D	1
B	3		A	4
C	2			

round((sum(**4,3,2,1,4**) / gpa_count()) ,4)

GPA “Simple Formula”

Grade	Grade Points		Grade	Grade Points
A	4		D	1
B	3		A	4
C	2			

round((**sum(4,3,2,1,4)** / gpa_count()) ,4)

GPA “Simple Formula”

Grade	Grade Points		Grade	Grade Points
A	4		D	1
B	3		A	4
C	2			

round((**14** / gpa_count()) ,4)

GPA “Simple Formula”

Grade	Grade Points		Grade	Grade Points
A	4		D	1
B	3		A	4
C	2			

round((14 / **gpa_count()**) ,4)

GPA “Simple Formula”

Grade	Grade Points		Grade	Grade Points
A	4		D	1
B	3		A	4
C	2			

round((14 / **5**) ,4)

GPA “Simple Formula”

Grade	Grade Points		Grade	Grade Points
A	4		D	1
B	3		A	4
C	2			

round((14/5) ,4)

GPA “Simple Formula”

Grade	Grade Points		Grade	Grade Points
A	4		D	1
B	3		A	4
C	2			

round(**(14/5)** ,4)

GPA “Simple Formula”

Grade	Grade Points		Grade	Grade Points
A	4		D	1
B	3		A	4
C	2			

round(**2.8** ,4)

GPA “Simple Formula”

Grade	Grade Points		Grade	Grade Points
A	4		D	1
B	3		A	4
C	2			

round(2.8,4)

GPA “Simple Formula”

Grade	Grade Points		Grade	Grade Points
A	4		D	1
B	3		A	4
C	2			

2.8000

GPA “Weighted Formula”

round((gpa_sum(gpa_gpapoints()*gpa_potentialcredit())/
sum(gpa_potentialcredit())),4)

Plain English

“Total of the GPA points times potential credit divided by total potential credit ”

GPA “Weighted Formula”

[see PowerSource article 55379]

	A	B	C	D	E	F	G
1	Course Number	Course Name	Grade	**Gpa Points**	**Potentialcrhrs**		
2	ENG2000	English 2	B+	**3.333**	**0.5**	3.333 x 0.5 =	1.6665
3	SOC1100	Geography	B-	**2.667**	**0.5**	2.667 x 0.5 =	1.3335
4	HE11	Health 11	A	**4.000**	**0.5**	4.000 x 0.5 =	2
5	LFR1000	French 1	A-	**3.667**	**0.5**	3.667 x 0.5 =	1.8335
6	SCI2100	Chemistry 2	B+	**3.333**	**0.5**	3.333 x 0.5 =	1.6665
7	VOC1000	Computer Applications	A-	**3.667**	**0.5**	3.667 x 0.5 =	1.8335
8	ENG2100	Speech	B+	**3.333**	**0.5**	3.333 x 0.5 =	1.6665
9	ENG1100	Journalism	B	**3.000**	**0.5**	3.000 x 0.5 =	1.5
10	SOC2000	Current Affairs	A-	**3.667**	**0.5**	3.667 x 0.5 =	1.8335
11	MUS2000	Chamber Singers	A	**4.000**	**1.0**	4.000 x 1.0 =	4
12	MAT1000	Consumer Math	A	**4.000**	**1.0**	4.000 x 1.0 =	4
13	PE12	Phys Ed 12	A	**4.000**	**0.5**	4.000 x 0.5 =	2
14	OPmedia	Open Media	A	**4.000**	**0.5**	4.000 x 0.5 =	2
15	SOC2100	World History	A	**4.000**	**0.0**	4.000 x 0.0 =	0
16	ENG2100	Speech	B	**3.000**	**0.0**	3.000 x 0.0 =	0
17	MAT1000	Consumer Math	A	**4.000**	**1.0**	4.000 x 1.0 =	4
18	OPmedia	Open Media	B+	**3.333**	**0.5**	3.333 x 0.5 =	1.6665
19	LAN1000	Spanish 1	A	**4.000**	**0.5**	4.000 x 0.5 =	2
20					9.5		35
21							
22	**Divide GPA Points x Potential Credit Sum by Potential Credit Sum = 35 / 9.5 =**					**3.6842**	

GPA "Weighted Formula"

Grade	Grade Points	Potential CR	Weighted
A	4	0.5	2
B	3	1.0	3
C	2	1.0	2
D	1	1.0	1
A	4	0.5	2
		4	**10**

round((gpa_sum(gpa_gpapoints()*gpa_potentialcredit())/ sum(gpa_potentialcredit())),4)

*gpa_sum() vs sum() → do the inner operation first for each row then produce the total

GPA “Weighted Formula”

Grade	Grade Points	Potential CR	Weighted
A	4	0.5	2
B	3	1.0	3
C	2	1.0	2
D	1	1.0	1
A	4	0.5	2
		4	**10**

round((gpa_sum(**gpa_gpapoints()*gpa_potentialcredit()**)/
sum(gpa_potentialcredit())),4)

GPA "Weighted Formula"

Grade	Grade Points	Potential CR	Weighted
A	4	0.5	2
B	3	1.0	3
C	2	1.0	2
D	1	1.0	1
A	4	0.5	2
		4	**10**

round((gpa_sum(**2,3,2,1,2**)/
sum(gpa_potentialcredit())),4)

GPA “Weighted Formula”

Grade	Grade Points	Potential CR	Weighted
A	4	0.5	2
B	3	1.0	3
C	2	1.0	2
D	1	1.0	1
A	4	0.5	2
		4	**10**

round((gpa_sum(2,3,2,1,2)/sum(**gpa_potentialcredit()**)),4)

GPA “Weighted Formula”

Grade	Grade Points	Potential CR	Weighted
A	4	0.5	2
B	3	1.0	3
C	2	1.0	2
D	1	1.0	1
A	4	0.5	2
		4	**10**

round((gpa_sum(2,3,2,1,2)/sum(**0.5,1,1,1,0.5**)),4)

GPA “Weighted Formula”

Grade	Grade Points	Potential CR	Weighted
A	4	0.5	2
B	3	1.0	3
C	2	1.0	2
D	1	1.0	1
A	4	0.5	2
		4	**10**

round((gpa_sum(2,3,2,1,2)/**sum(0.5,1,1,1,0.5)**),4)

GPA “Weighted Formula”

Grade	Grade Points	Potential CR	Weighted
A	4	0.5	2
B	3	1.0	3
C	2	1.0	2
D	1	1.0	1
A	4	0.5	2
		4	**10**

round((gpa_sum(2,3,2,1,2)/**4**),4)

GPA “Weighted Formula”

Grade	Grade Points	Potential CR	Weighted
A	4	0.5	2
B	3	1.0	3
C	2	1.0	2
D	1	1.0	1
A	4	0.5	2
		4	**10**

round((**gpa_sum(2,3,2,1,2)**/4),4)

GPA "Weighted Formula"

Grade	Grade Points	Potential CR	Weighted
A	4	0.5	2
B	3	1.0	3
C	2	1.0	2
D	1	1.0	1
A	4	0.5	2
		4	**10**

round((**10**/4),4)

GPA "Weighted Formula"

Grade	Grade Points	Potential CR	Weighted
A	4	0.5	2
B	3	1.0	3
C	2	1.0	2
D	1	1.0	1
A	4	0.5	2
		4	**10**

round(**(10/4)**,4)

GPA “Weighted Formula”

Grade	Grade Points	Potential CR	Weighted
A	4	0.5	2
B	3	1.0	3
C	2	1.0	2
D	1	1.0	1
A	4	0.5	2
		4	**10**

Round(**2.5**,4)

GPA “Weighted Formula”

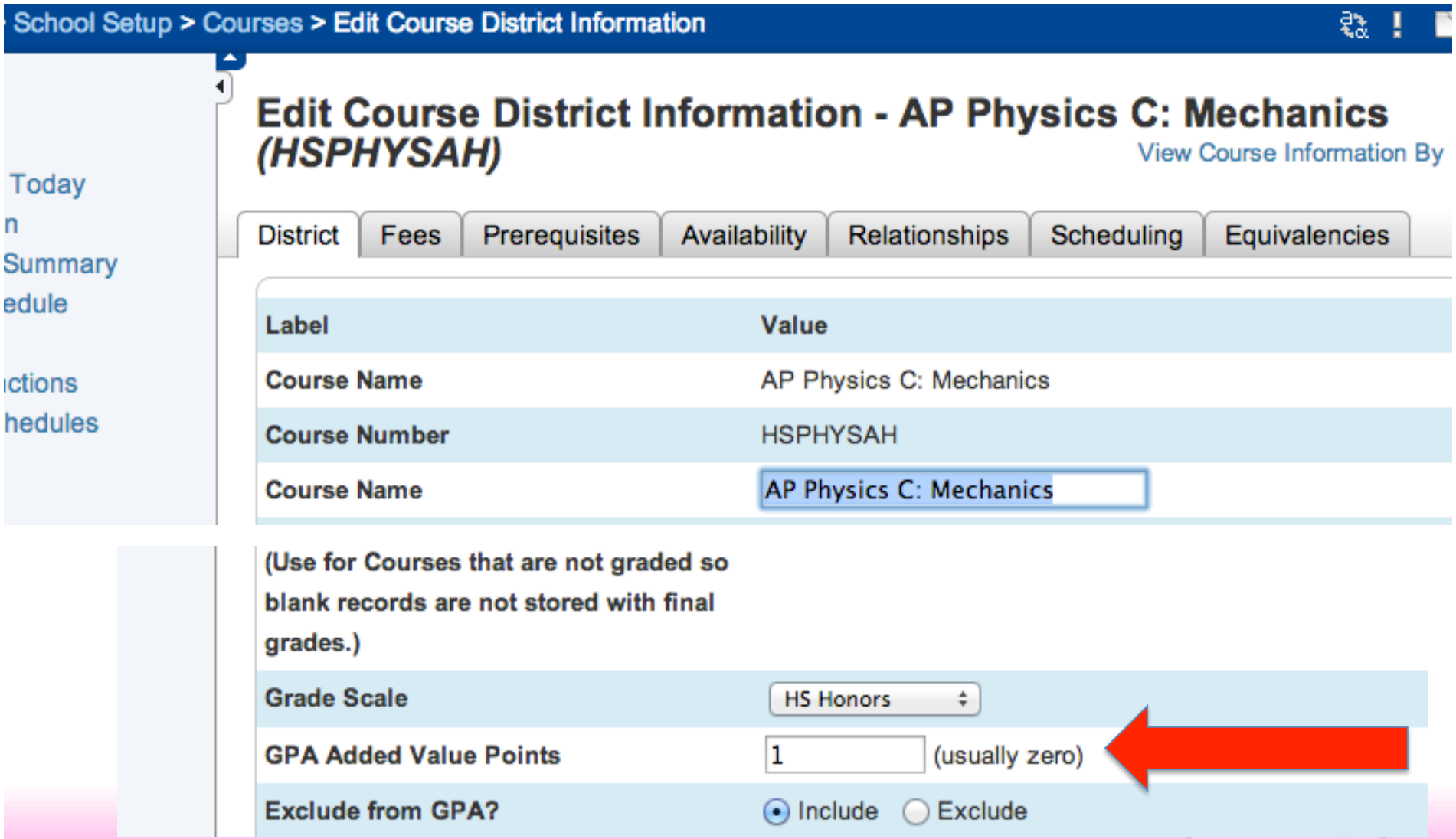
Grade	Grade Points	Potential CR	Weighted
A	4	0.5	2
B	3	1.0	3
C	2	1.0	2
D	1	1.0	1
A	4	0.5	2
		4	**10**

2.5000

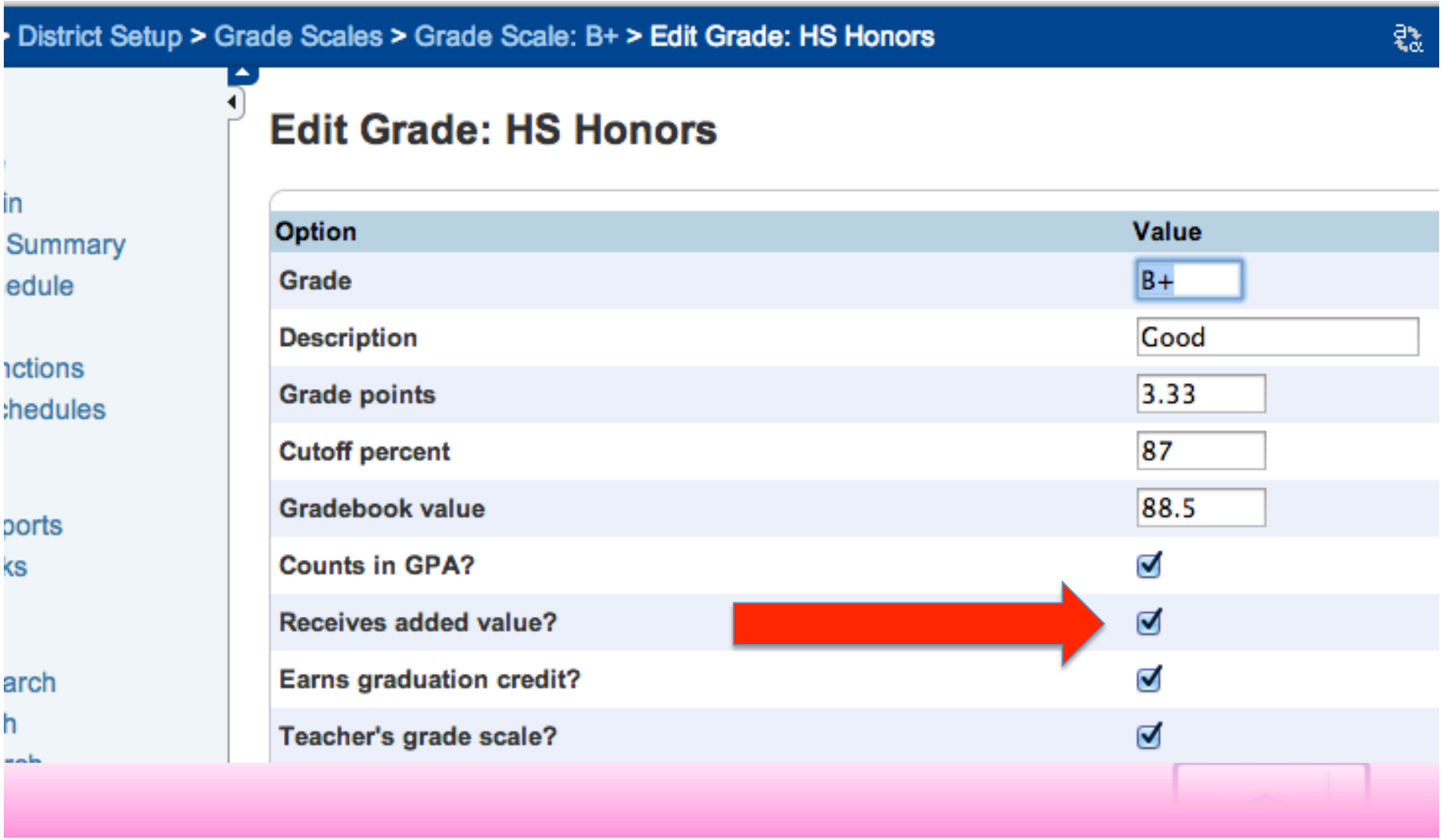
GPA “Honors Weighted”

- see PowerSource article 5720
- Two options for Honors weighted
  - Add grade points to a grade scale
  - Add “additional” grade points at the course level
- Components to Honors weight:
  - Added value in course setup
  - Grade Scale
  - GPA method

Honors Course Setup



Honors Grade Scale



GPA “Honors Weighted Formula”

round((gpa_sum((gpa_gpapoints()+gpa_addedvalue())
*gpa_potentialcredit())/sum(gpa_potentialcredit())),4)

Plain English

“Total of the GPA points plus added value times potential credit divided by total potential credit ”

GPA “Honors Weighted Formula”

Grade	Grade Points	Added Value	Potential CR	Weighted
A	4		0.5	2
B	3	1	1.0	4
C	2		1.0	2
D	1		1.0	1
A	4	1	0.5	2.5
			4	**11.5**

round((gpa_sum((gpa_gpapoints()+gpa_addedvalue())
*gpa_potentialcredit())/sum(gpa_potentialcredit())),4)

GPA “Honors Weighted Formula”

Grade	Grade Points	Added Value	Potential CR	Weighted
A	4		0.5	2
B	3	1	1.0	4
C	2		1.0	2
D	1		1.0	1
A	4	1	0.5	2.5
			4	**11.5**

round((gpa_sum((**gpa_gpapoints()+gpa_addedvalue()**)
*gpa_potentialcredit())/sum(gpa_potentialcredit())),4)

GPA “Honors Weighted Formula”

Grade	Grade Points	Added Value	Potential CR	Weighted
A	4		0.5	2
B	3	1	1.0	4
C	2		1.0	2
D	1		1.0	1
A	4	1	0.5	2.5
			4	**11.5**

round((gpa_sum((**4+0, 3+1, 2+0, 1+0, 4+1**)

*gpa_potentialcredit())/sum(gpa_potentialcredit())),4)

GPA “Honors Weighted Formula”

Grade	Grade Points	Added Value	Potential CR	Weighted
A	4		0.5	2
B	3	1	1.0	4
C	2		1.0	2
D	1		1.0	1
A	4	1	0.5	2.5
			4	**11.5**

round((gpa_sum((**4, 4, 2, 1, 5**)

*gpa_potentialcredit())/sum(gpa_potentialcredit())),4)

GPA “Honors Weighted Formula”

Grade	Grade Points	Added Value	Potential CR	Weighted
A	4		0.5	2
B	3	1	1.0	4
C	2		1.0	2
D	1		1.0	1
A	4	1	0.5	2.5
			4	**11.5**

round((gpa_sum((**4,4,2,1,5**)***gpa_potentialcredit()**))
/sum(gpa_potentialcredit())),4)

GPA “Honors Weighted Formula”

Grade	Grade Points	Added Value	Potential CR	Weighted
A	4		0.5	2
B	3	1	1.0	4
C	2		1.0	2
D	1		1.0	1
A	4	1	0.5	2.5
			4	**11.5**

round((gpa_sum((**4,4,2,1,5**)*(**.5,1,1,1,.5**))
/sum(gpa_potentialcredit())),4)

GPA “Honors Weighted Formula”

Grade	Grade Points	Added Value	Potential CR	Weighted
A	4		0.5	2
B	3	1	1.0	4
C	2		1.0	2
D	1		1.0	1
A	4	1	0.5	2.5
			4	11.5

round((gpa_sum((**4x.5, 4x1 , 2x1, 1x1, 5x.5**))
/sum(gpa_potentialcredit())),4)

GPA “Honors Weighted Formula”

Grade	Grade Points	Added Value	Potential CR	Weighted
A	4		0.5	2
B	3	1	1.0	4
C	2		1.0	2
D	1		1.0	1
A	4	1	0.5	2.5
			4	**11.5**

round((**gpa_sum((2, 4 , 2, 1, 2.5))**

/sum(gpa_potentialcredit())),4)

GPA “Honors Weighted Formula”

Grade	Grade Points	Added Value	Potential CR	Weighted
A	4		0.5	2
B	3	1	1.0	4
C	2		1.0	2
D	1		1.0	1
A	4	1	0.5	2.5
			4	**11.5**

round((**11.5**) / sum(gpa_potentialcredit())),4)

GPA “Honors Weighted Formula”

Grade	Grade Points	Added Value	Potential CR	Weighted
A	4		0.5	2
B	3	1	1.0	4
C	2		1.0	2
D	1		1.0	1
A	4	1	0.5	2.5
			4	**11.5**

round((**11.5**) / sum(**gpa_potentialcredit()**)),4)

GPA “Honors Weighted Formula”

Grade	Grade Points	Added Value	Potential CR	Weighted
A	4		0.5	2
B	3	1	1.0	4
C	2		1.0	2
D	1		1.0	1
A	4	1	0.5	2.5
			4	**11.5**

round((11.5) / **sum**(**.5, 1, 1, 1, .5**)),4)

GPA “Honors Weighted Formula”

Grade	Grade Points	Added Value	Potential CR	Weighted
A	4		0.5	2
B	3	1	1.0	4
C	2		1.0	2
D	1		1.0	1
A	4	1	0.5	2.5
			4	**11.5**

round(11.5 / **4**),4)

GPA “Honors Weighted Formula”

Grade	Grade Points	Added Value	Potential CR	Weighted
A	4		0.5	2
B	3	1	1.0	4
C	2		1.0	2
D	1		1.0	1
A	4	1	0.5	2.5
			4	**11.5**

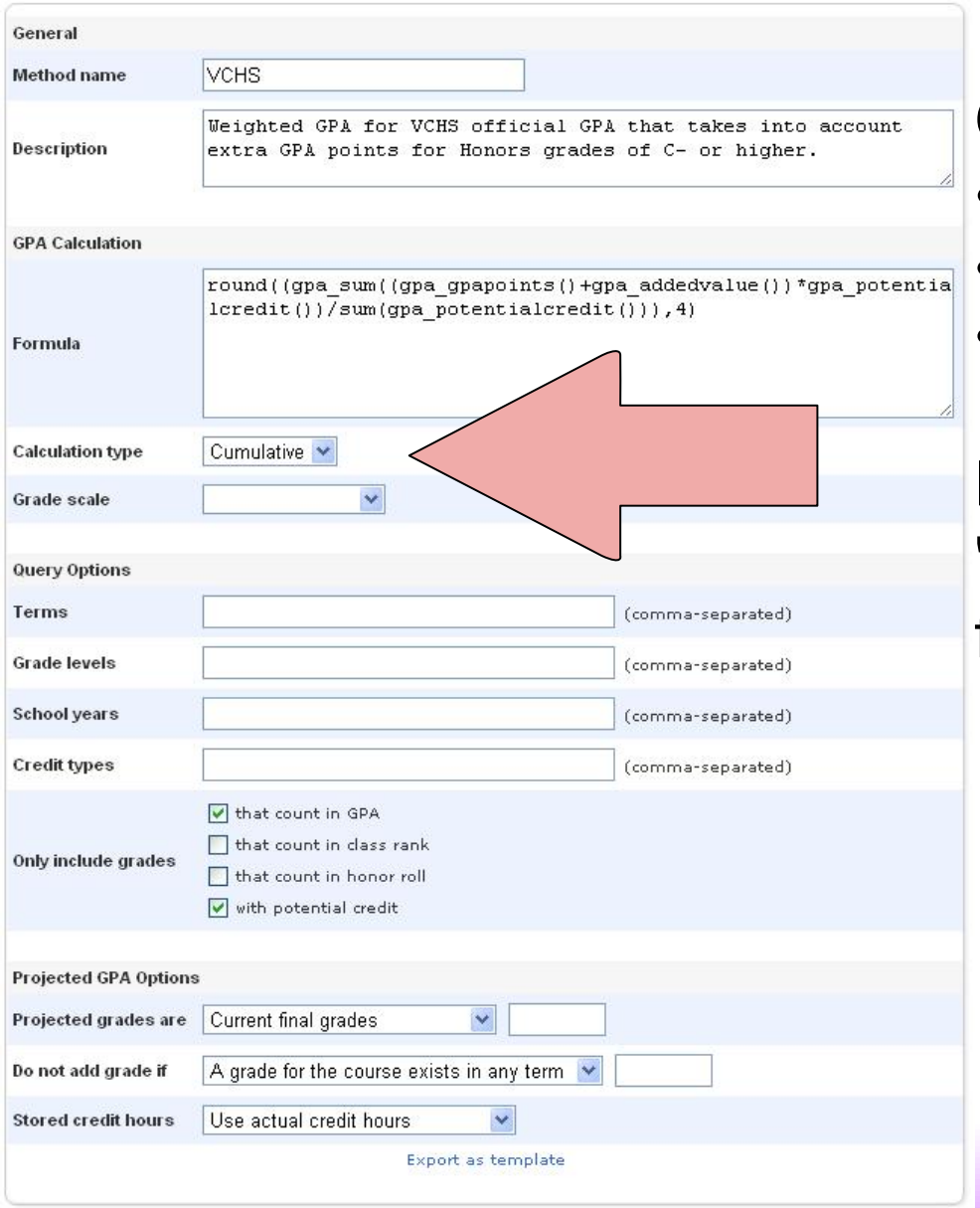
round(**2.875** ,4)

GPA “Honors Weighted Formula”

Grade	Grade Points	Added Value	Potential CR	Weighted
A	4		0.5	2
B	3	1	1.0	4
C	2		1.0	2
D	1		1.0	1
A	4	1	0.5	2.5
			4	**11.5**

2.8750

Anatomy of the Method



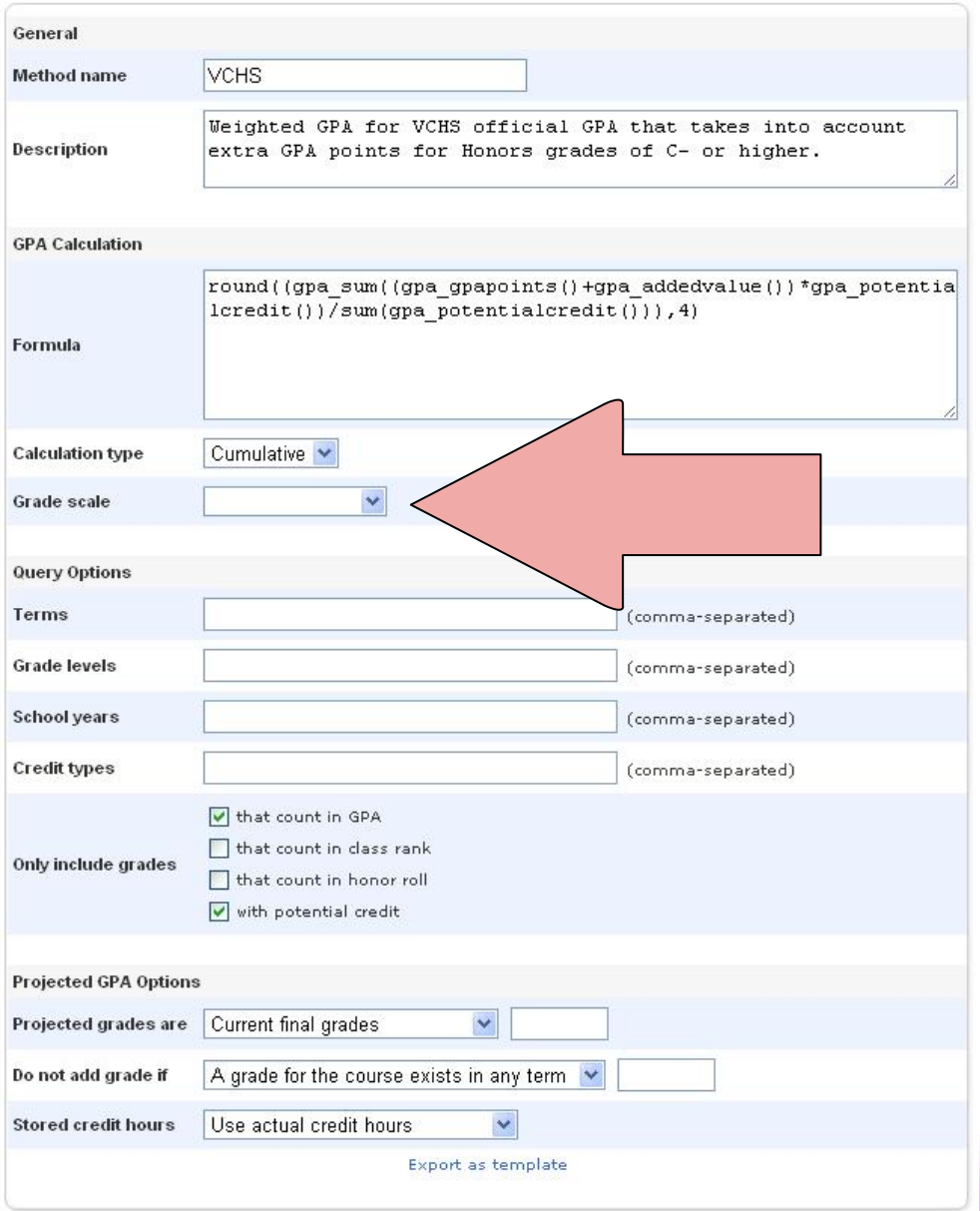
Calculation type

- Current - Gradebook
- Cumulative – Historical Grades
- Projected - Mix

Leave it blank to default to "Cumulative" and allow flexibility in the DAT

PSUG National Information Exchange

Anatomy of the Method



Grade Scale

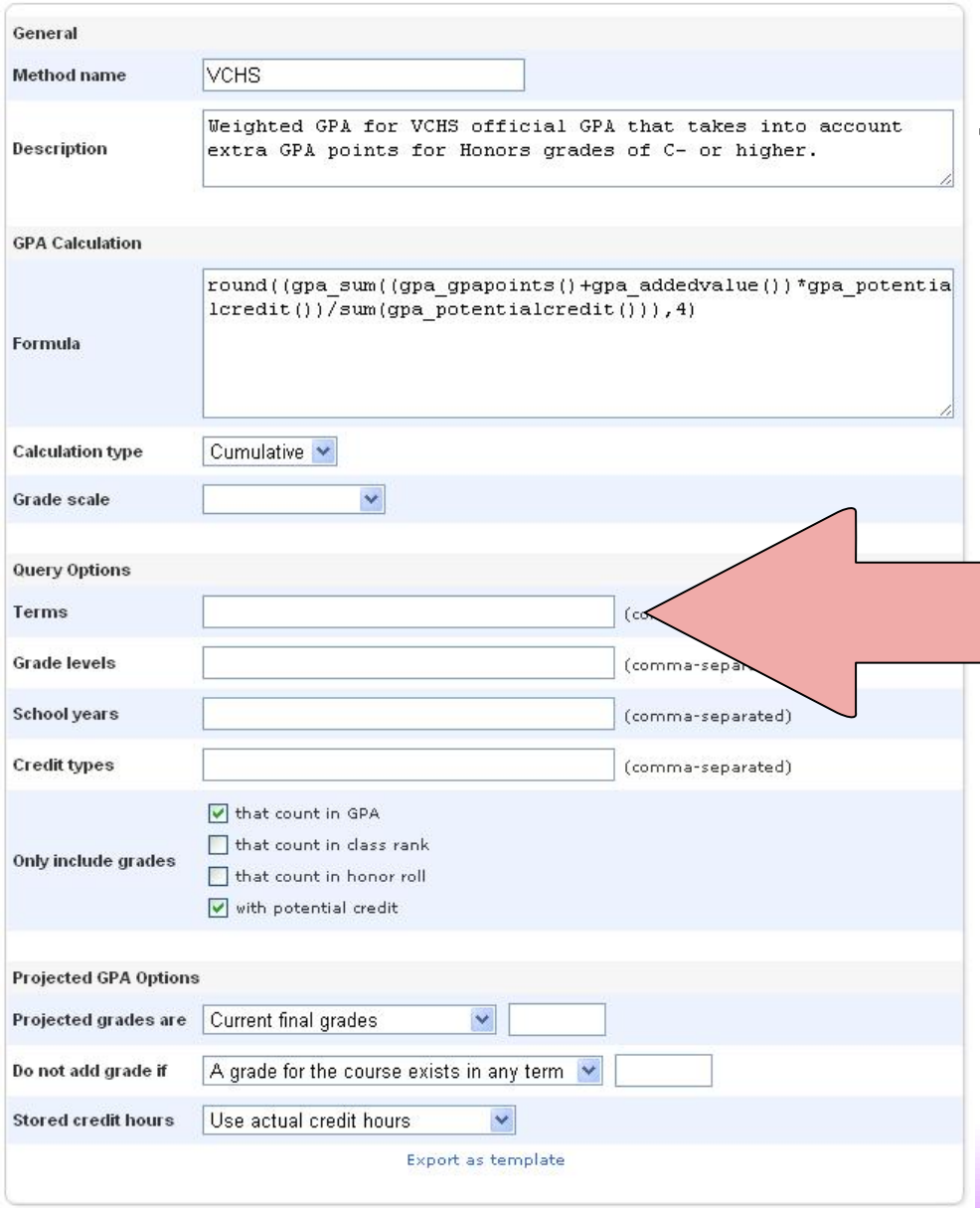
- Blank - Use value in StoredGrades
- Grade Scale name - Looks up the points in that specific scale.

Good to use for special GPAs for alternate uses.

Example: CIF requires a straight 1,2,3,4 scale. B+, B or B- are all just a 3.

PSUG National Information Exchange

Anatomy of the Method



Terms

- Blank: if Calculation Type is Cumulative, and there are no other query options defined, it's all historical grade levels.
- Terms Only: If "Terms" is the only query option specified (no Grade Level or School Year), *the GPA will be based only on grades in the current year associated with the store code.*

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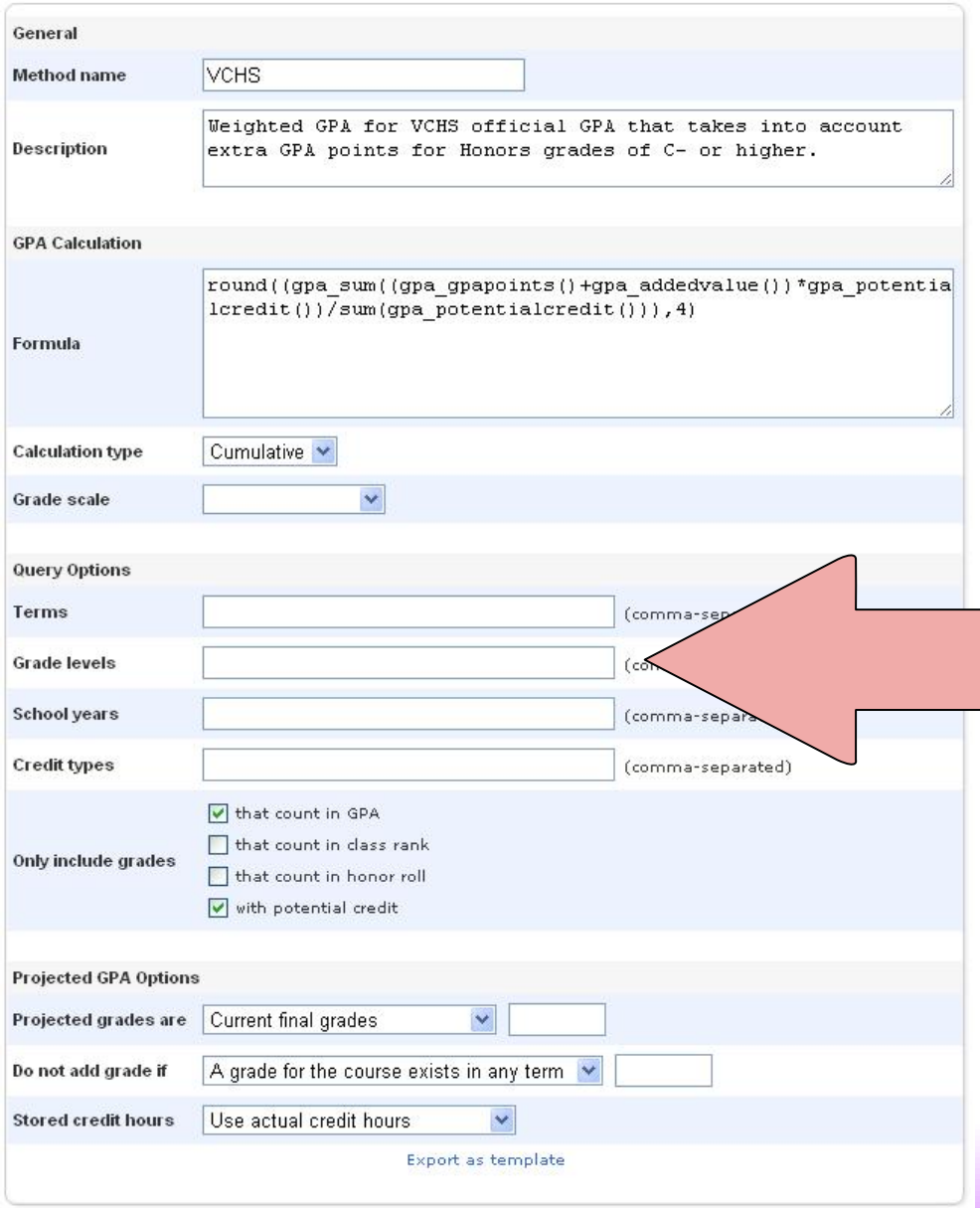

Grade levels

- i.e. "**9,10,11"** only for those grade levels.
- Blank - If type is cumulative uses grade levels set for the school in *District - Schools/ School Info*

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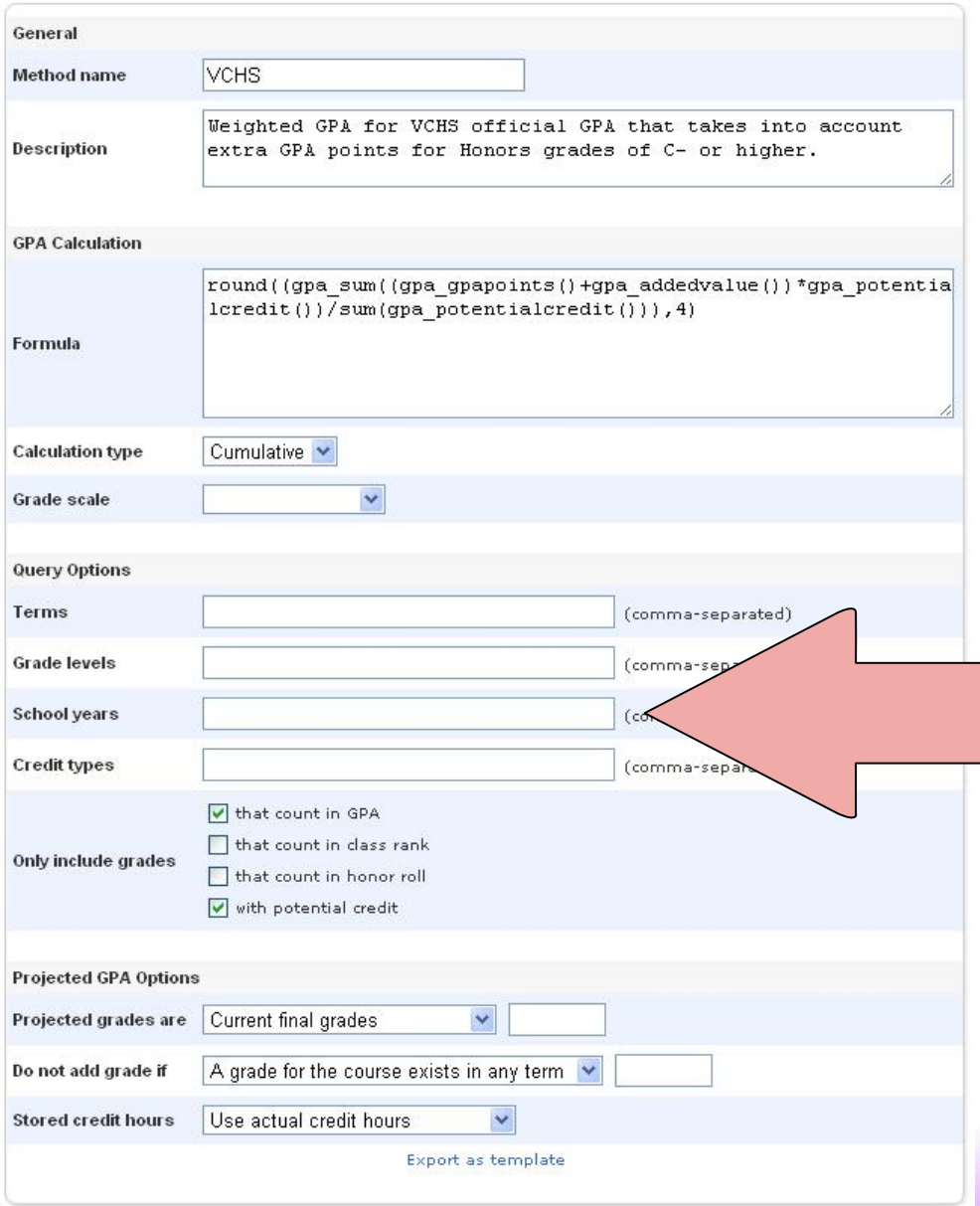

School years

- Fall Year(s), i.e. 2008,2009 will only use the 08-09 and 09-10 grades.
- Blank - ignored.

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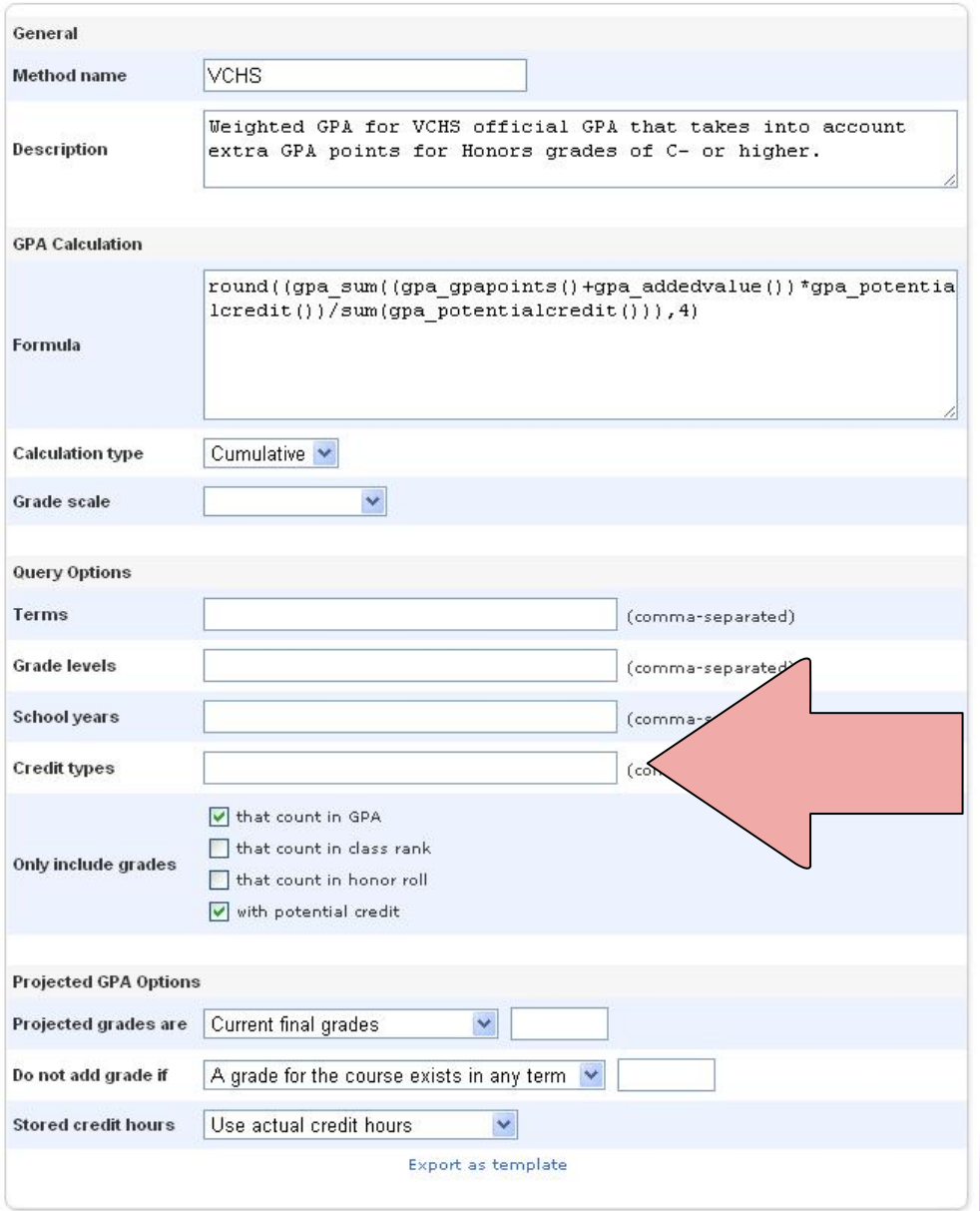

Credit types

- i.e. "MAT,SCI"
- Blank - ignored

Valley uses these extensively to manipulate stored grades as categories.

Example: All our CSU/UC approved courses have UCA or UCH in their credit type. So our GPA for that has the entry "UCA,UCH"

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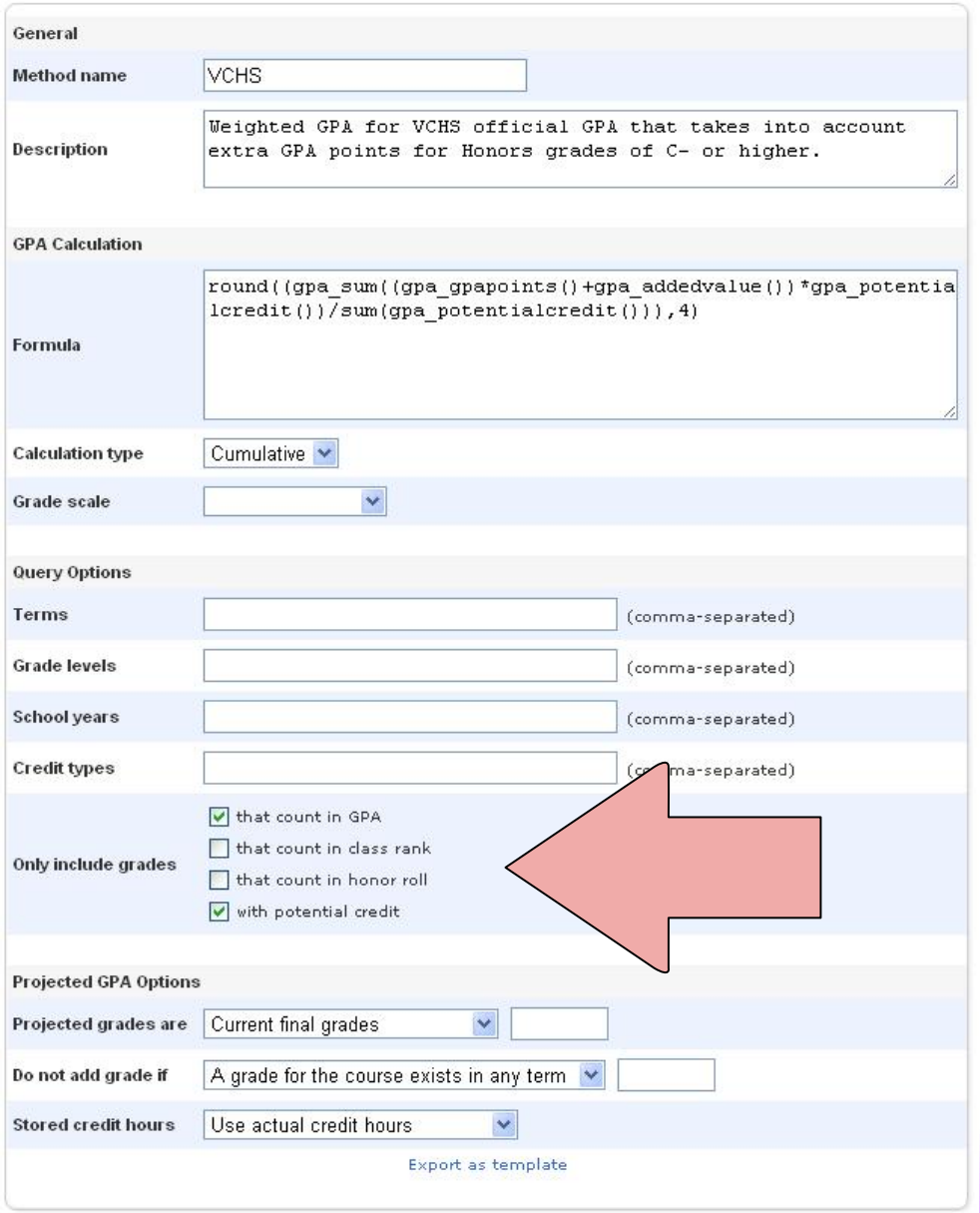
Anatomy of the Method



Only include grades

- The common settings are "that count in GPA" and "with potential credit"
- "with potential credit" allows you to store progress grades that won't count if you store them with zero credit.

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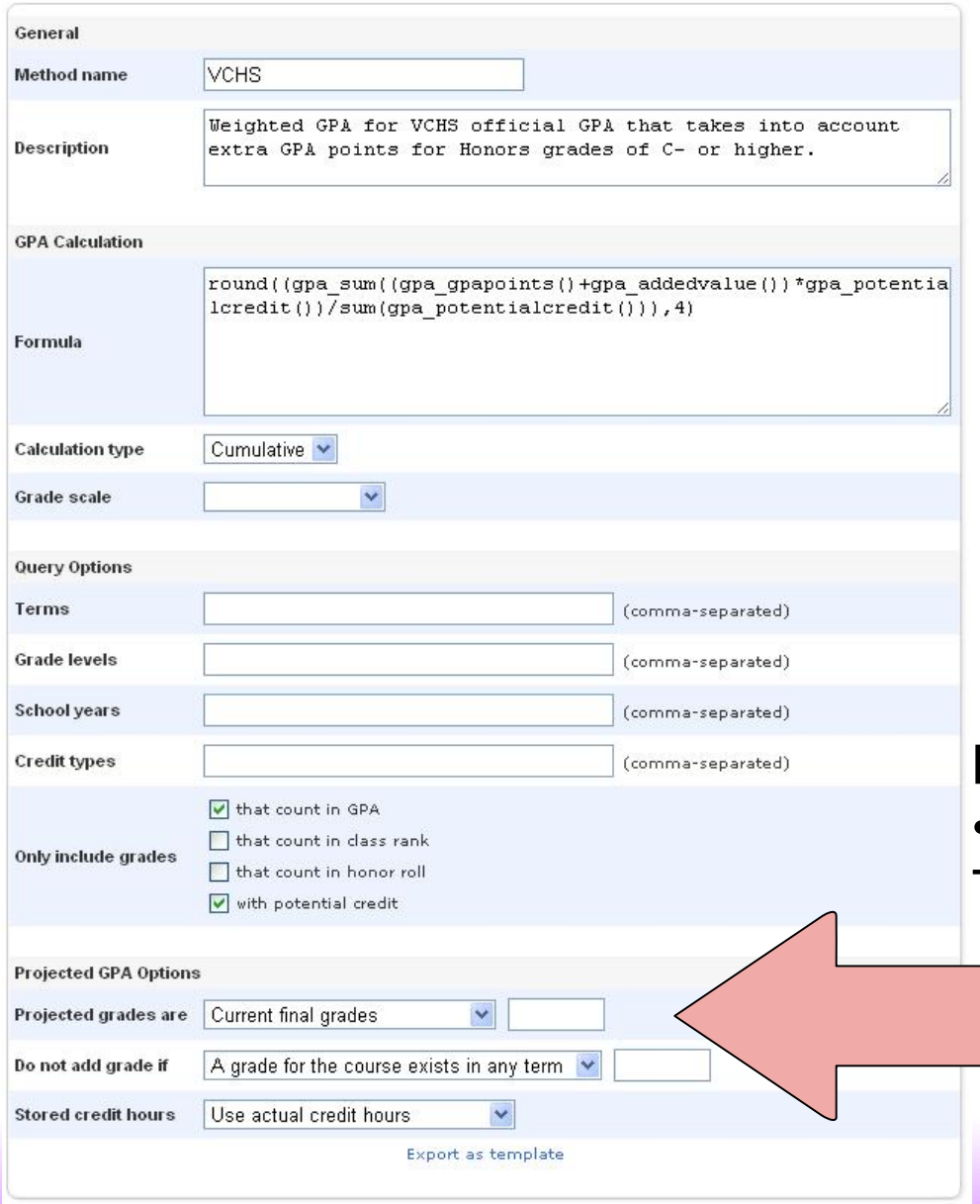
Anatomy of the Method



Projected GPA Options

- Only applies if the Calculation Type is “Projected”

PSUG National Information Exchange

GPA Data Access Tags (DAT)

Anatomy of the DAT

- PowerSource Article ID 5826
- Format:

^(*gpa method="[gpa method]" type="[gpa type]" term="[term1],[term2],[etc]" grade="[grade]" credittype="[credit type]" year="[year1],[year2],[etc]" scale="[grade scale]")

Examples:

^(*gpa)

^(*gpa method="Weighted" type="Cumulative")

^(*gpa grade="10,11,12" credittype="MAT,SCI")

^(*gpa method="Weighted" type="Current")

^(*gpa method="Simple" term="S1")

GPA DAT “Defaults”

- If "method" is omitted - assumes "weighted"
- If "type" is omitted - assumes "cumulative"
- If a term is specified, the current year only is assumed unless otherwise specified

^(*gpa) = ^(*gpa method="weighted" type="cumulative")

^(*gpa method="simple" term="S1")
only uses historical grades from the current year S1 term

^(*gpa method="weighted" term="S1" grade="9")
will pull S1 grades from 9th grade, even from previous years

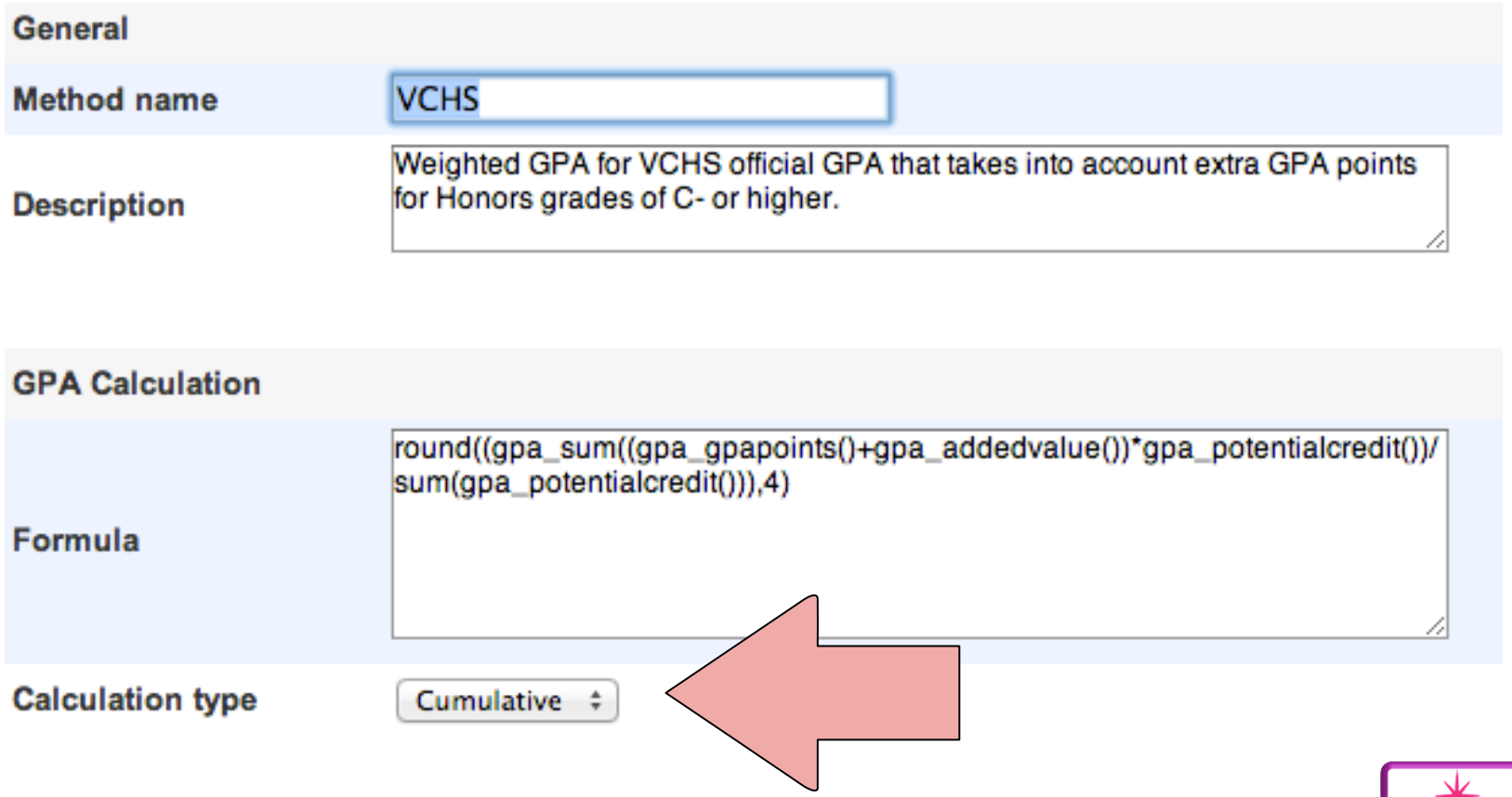
GPA DAT “Gotcha”

- DAT Options:
  - Type: ^(*gpa type=“Current”)
  - Grade: ^(*gpa method=“Weighted” grade=“10,11”)
  - CreditType: ^(*gpa method=“Simple” credittype=“SCI”)
  - Year: ^(*gpa method=“Weighted” year=“2012”)
  - Scale: ^(*gpa method=“Simple” scale=“Honors”)

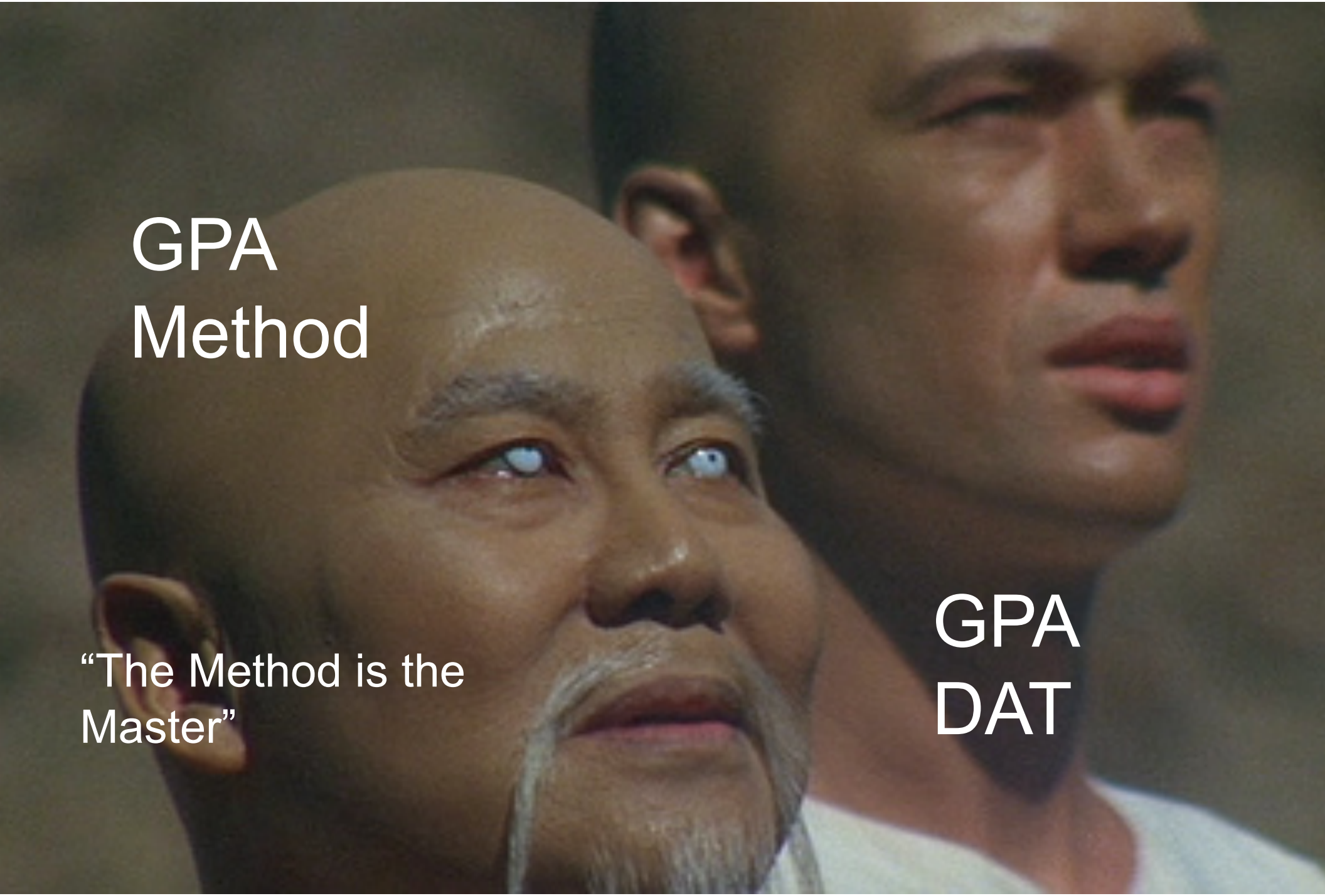
- HOWEVER, if any of these options are specified in the method, they will ALWAYS OVERRIDE options in the DAT

- Example:

  DAT: ^(*gpa method="VCHS" type="current")



- Result: The type will be "cumulative"


GPA
Method
“The Method is the Master”
GPA
DAT

Honor Roll

Honor Roll Steps

- Define a GPA method
- Define an honor roll method
- Define levels for the honor roll, and set criteria for each level
- Calculate and store the honor roll at the end of the grading period

Honor Roll Levels

- Calculation order is important
- Evaluate highest honor first.
  - Once a student meets criteria for a level, the rest of the levels are skipped.

Honor Roll Best Practices

- Because honor roll is specific to a marking period, making an gpa method tied to a specific marking period is recommended.
- To avoid having to remember to change the term in the gpa method, it's recommended to make a gpa method/ honor roll method pair for each marking period.

Setup and Processing

- To setup honor roll methods:
  - School – Honor Roll
- To calculate honor roll, wait for the end of the term.
  - System – Calculate Honor Roll
- To view a student's honor roll:
  - Pick a student -> Honor Roll page
- To print Honor Rolls
  - System Reports – Honor Roll

Example Honor Roll Record

Display Record: HonorRoll

ID	1307	
DateStored	9/29/2008	
GPA	3.3414	
Grade_Level	12	
Level	Honorable Mention	
Log	[9/29/08-14:43:52-u0-s100]Created by Calculation	
Message	Congratulations on achieving Honorable Mention	
Method	Honors	
SchoolID	100	Apple Grove High School 1
SchoolName	Apple Grove High School 1	
StoreCode	S1	
StudentID	2	Adair, Brandon William Apple Grove High School 1
YearID	18	

Honor Roll Reporting (DAT)

- ^(*honorroll method="[method]" term="[term]" grade="[grade level]" year="[year]" result="[output result]")
  - Method: required
  - Term: required. Q1, S2, T2, etc
  - Grade: if omitted, uses current year *
  - Year: if omitted, uses current year *
  - Result: level, message, gpa, schoolname, date

  * Do not use grade and year together!
- See PowerSource Article 6442

Honor Roll DAT Examples

- ^(*honorroll method="Scholarship" term="S2" result="level")
  - This would print the name of the Scholarship honor roll level awarded to the student for the S2 term of the current year, for example, "State College Fund."

Honor Roll DAT Examples

- ^(*honorroll method="Honors" term="S2" grade="9" result="gpa")
  - This example would print the calculated GPA that triggered the awarding of the Honors honor roll record for the student"s 9th grade in the S2 term, such as "3.92.”

Honor Roll DAT Examples

- ^(*honorroll method="Scholarship" term="Q3" result="message")
  - This would print the text message that has already been defined within the Scholarship honor roll level awarded for the Q3 term of the current year, for example, "Congratulations! You have been awarded the Gold Team scholarship for this year!”

Honor Roll DAT Examples

- ^(*honorroll method="Future Leaders" term="T2" grade="7" result="schoolname")
  - This prints the name of the school where a Future Leaders honor roll record was awarded for the T2 term of the student's 10th grade, for example, "John Connor Middle School."

Honor Roll DAT Examples

- ^(*honorroll method="AP Award" term="Y1" result="date")
  - This would print the date the AP Award honor roll award was recorded for the Y1 term of the current year.

Class Rank

Class Rank Steps

- See PowerSource Article 11232
- Setup under School setup
- Tie a Class Rank method to a GPA method
- Choose a Recalculation Frequency
- View class rank by running the Class Rank report or adding it to other reports with the Class Rank DAT

Class Rank Record

Display Record: ClassRank

ID	892493
DateRanked	10/3/2008
GPA	3.3414
GPAMethod	Simple
Grade_Level	12
Log	[10/3/08-11:43:12-u0-s100]Created by Calculation
OutOf	205
Rank	8
SchoolID	100
SchoolName	Apple Grove High School 1
StoreCode	S1
StudentID	2
Unused1	0
YearID	18

Class Rank DAT

- See PowerSource Article 6490
  - ^(*classrank method="method name" result="value" percentiledigits="decimal places")
    - Method: if omitted, uses "Weighted"
    - Result: what the DAT returns:
      - gpa
      - outof
      - percentile
      - rank
      - rankof
      - rankoutof
      - schoolname

Class Rank DAT examples

^(*classrank)

- Returns the student's rank value using the weighted class rank method, such as "26."

^(*classrank method="High Honors" result="gpa")

- Returns the GPA calculated for the student by the High Honors class rank method, for instance, "3.92."

^(*classrank method="AP" result="outof")

- Returns the total number of students included in the class ranking list as determined by the AP GPA class rank method, for example, "336."

^(*classrank method="Honors" result="percentile")

- Returns the student's rank percentile, as determined by the Honors class rank method, for example, "94.12."

Class Rank DAT examples

^(*classrank method="Honors" result="percentile" percentiledigits="4")

- Returns the student's rank percentile, as determined by the Honors class rank method, using four decimal places, for example, "26.1748."

^(*classrank method="Simple" result="rank")

- Returns the student's rank value using the Simple class rank method, for instance, "42".

^(*classrank method="AP" result="rankof")

- Returns the student"s rank using the AP class rank method and the total number of ranked students separated by the word "of," for example, "15 of 206."

Class Rank DAT examples

^(*classrank result="rankoutof")

- Returns the student's rank value using the Weighted class rank method and the total number of ranked students separated by the words "out of," for examaple "4 out of 157."

^(*classrank result="schoolname")

- Returns the name of the school where the class rank using the Weighted class rank method was calculated, for example, "Apple Grove High School."

Class Rank “Gotcha”

- Class Rank does NOT survive into “Graduated Students” or after a student transfers.
- Workaround:
  - Create a custom field to hold the permanent Class Rank value. (i.e. – “class_rank”)
  - Before EOY, export graduates’ class rank with a DAT and re-import into the custom field. Be sure to include student_number in your export.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