

# Examples of GPA Calculation Methods and GPA Student Screens

## School District A

GPA Calculation Methods		
Name	Description	Formula
Honor Roll S1	Honor Roll S1	$\text{round}((\text{gpa\_sum}((\text{gpa\_gpapoints}()+\text{gpa\_added\_value}())*\text{gpa\_potentialcredit}))/\text{sum}(\text{gpa\_potentialcredit})),3)$
Honor Roll S2	Honor Roll S2	$\text{round}((\text{gpa\_sum}((\text{gpa\_gpapoints}()+\text{gpa\_added\_value}())*\text{gpa\_potentialcredit}))/\text{sum}(\text{gpa\_potentialcredit})),3)$
Cumulative Acad21 GPA	Weight GPA	$\text{round}((\text{gpa\_sum}((\text{gpa\_gpapoints}()+\text{gpa\_added\_value}())*\text{gpa\_potentialcredit}))/\text{sum}(\text{gpa\_potentialcredit})),3)$
Cumulative HS	Weight GPA	$\text{round}((\text{gpa\_sum}((\text{gpa\_gpapoints}()+\text{gpa\_added\_value}())*\text{gpa\_potentialcredit}))/\text{sum}(\text{gpa\_potentialcredit})),3)$
Cumulative MS	MS Cumulative GPA	$\text{round}((\text{sum}(\text{gpa\_gpapoints}))/\text{gpa\_count}),3)$
Simple		$\text{round}((\text{sum}(\text{gpa\_gpapoints}))/\text{gpa\_count}),3)$
Simple Percent		$\text{round}((\text{sum}(\text{gpa\_percent}))/\text{gpa\_count}),4)$
Simple Quick Look Up	Simple Quick Look Up Screen for MS	$\text{round}((\text{sum}(\text{gpa\_gpapoints}))/\text{gpa\_count}),3)$
Weighted		$\text{round}((\text{gpa\_sum}((\text{gpa\_gpapoints})*\text{gpa\_potentialcredit}))/\text{sum}(\text{gpa\_potentialcredit})),3)$
Weighted Percent		$\text{round}((\text{gpa\_sum}(\text{gpa\_percent})*\text{gpa\_potentialcredit}))/\text{sum}(\text{gpa\_potentialcredit}),4)$
Weighted Quick LookUp	Current GPA	$\text{round}((\text{gpa\_sum}((\text{gpa\_gpapoints}()+\text{gpa\_added\_value}())*\text{gpa\_potentialcredit}))/\text{sum}(\text{gpa\_potentialcredit})),3)$
Weighted with Added Value		$\text{round}((\text{gpa\_sum}((\text{gpa\_gpapoints}()+\text{gpa\_added\_value}())*\text{gpa\_potentialcredit}))/\text{sum}(\text{gpa\_potentialcredit})),2)$
MS Honor Roll Q1	Middle School Honor Roll Q1	$\text{round}((\text{sum}(\text{gpa\_gpapoints}))/\text{GPA\_count}),3)$
MS Honor Roll Q2	Middle School Honor Roll Q2	$\text{round}((\text{sum}(\text{gpa\_gpapoints}))/\text{GPA\_count}),3)$
MS Honor Roll Q3	Middle School Honor Roll Q3	$\text{round}((\text{sum}(\text{gpa\_gpapoints}))/\text{GPA\_count}),3)$
MS Honor Roll Q4	Middle School Honor Roll Q4	$\text{round}((\text{sum}(\text{gpa\_gpapoints}))/\text{GPA\_count}),3)$

Type of Current GPA to display under schedule: **Weighted Quick LookUp** ▼

Cumulative Info	
Row Title	Data
1. <input type="text" value="Current GPA"/>	~(*gpa method="Weighted Quick LookUp")
2. <input type="text" value="Cumulative GPA"/>	~(*gpa method="Cumulative HS")
3. <input type="text" value="Class Rank"/>	~(*classrank method="Cumulative HS" result="rankoutof")
4. <input type="text" value="Attempted Credit Hours"/>	~(*potentialcredit_hours)
5. <input type="text" value="Cumulative Credit Hours"/>	~(*credit_hours)
6. <input type="text" value="S1 GPA"/>	~(*gpa method="Cumulative HS" Term="S1" Year="2012")
7. <input type="text" value="S2 GPA"/>	~(*gpa method="Cumulative HS" Term="S2" Year="2012")

# School District

Name	Description	Formula
HS Honor Roll Q1	UPDATE SCHOOL YEARS AT START OF EACH YEAR	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 3)$
HS Honor Roll Q2	UPDATE SCHOOL YEARS AT START OF EACH YEAR	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 3)$
HS Honor Roll Q3	UPDATE SCHOOL YEARS AT START OF EACH YEAR	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 3)$
HS Honor Roll Q4	UPDATE SCHOOL YEAR AT START OF EACH YEAR	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 3)$
HSGPACum	HS Cumulative GPA	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) + \text{gpa\_addedvalue}}{\text{sum}(\text{gpa\_potentialcredit})}, 3)$
HSS1GPA	SEMESTER 1 GPA - CURRENT YEAR UPDATE SCHOOL YEARS AT START OF EACH YEAR	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 3)$
HSS2GPA	SEMESTER 2 GPA - CURRENT YEAR UPDATE SCHOOL YEARS AT START OF EACH YEAR	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 3)$
MSCumulative		$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 2)$
MSHighAch8th	Used to determine students with High Achievement 8th Grade	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 2)$
MSHighAch7th	Used to determine 7th Grade High Achievement	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 2)$
MSHighAch8th	used to determine High Achieve 8th Grade	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 2)$
MSQuarter1	UPDATE SCHOOL YEARS AT START OF EACH YEAR	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 2)$
MSQuarter2	UPDATE SCHOOL YEARS AT START OF EACH YEAR	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 2)$
MSQuarter3	UPDATE SCHOOL YEARS AT START OF EACH YEAR	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 2)$
MSQuarter4	UPDATE SCHOOL YEARS AT START OF EACH YEAR	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 2)$
MSS1	CURRENT SCHOOL YEAR SEMESTER 1 ONLY UPDATE SCHOOL YEAR AT START OF EACH YEAR	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 2)$
MSYR	CURRENT SCHOOL YEAR ONLY UPDATE SCHOOL YEARS AT START OF EACH YEAR	$\text{round}(\frac{\text{gpa\_sum}(\text{gpa\_gpapoints}) * \text{gpa\_potentialcredit}}{\text{sum}(\text{gpa\_potentialcredit})}, 2)$

B

Type of Current GPA to display under schedule:

Cumulative Info	
Row Title	Data
1. <input type="text" value="Cumulative GPA"/>	<input hsgpacum")"="" type="text" value="~(*gpa method="/>
2. <input type="text" value="Cumulative Class Rank"/>	<input )"="" hsgpacum"="" result="rankoutof" type="text" value="~(*classrank method="/>
3. <input type="text" value="Cumulative Credit Hours"/>	<input type="text" value="~(*credit_hours)"/>
4. <input type="text" value="Q1 Weighted GPA"/>	<input )"="" term="q1" type="text" value="~(*gpa method=" weighted"=""/>
5. <input type="text" value="Q2 Weighted GPA"/>	<input )"="" term="q2" type="text" value="~(*gpa method=" weighted"=""/>
6. <input type="text" value="Q3 Weighted GPA"/>	<input )"="" term="q3" type="text" value="~(*gpa method=" weighted"=""/>
7. <input type="text" value="Q4 Weighted GPA"/>	<input )"="" term="q4" type="text" value="~(*gpa method=" weighted"=""/>
8. <input type="text" value="S1 Weighted GPA"/>	<input hss1gpa")"="" type="text" value="~(*gpa method="/>
9. <input type="text" value="S2 Weighted GPA"/>	<input hss2gpa")"="" type="text" value="~(*gpa method="/>