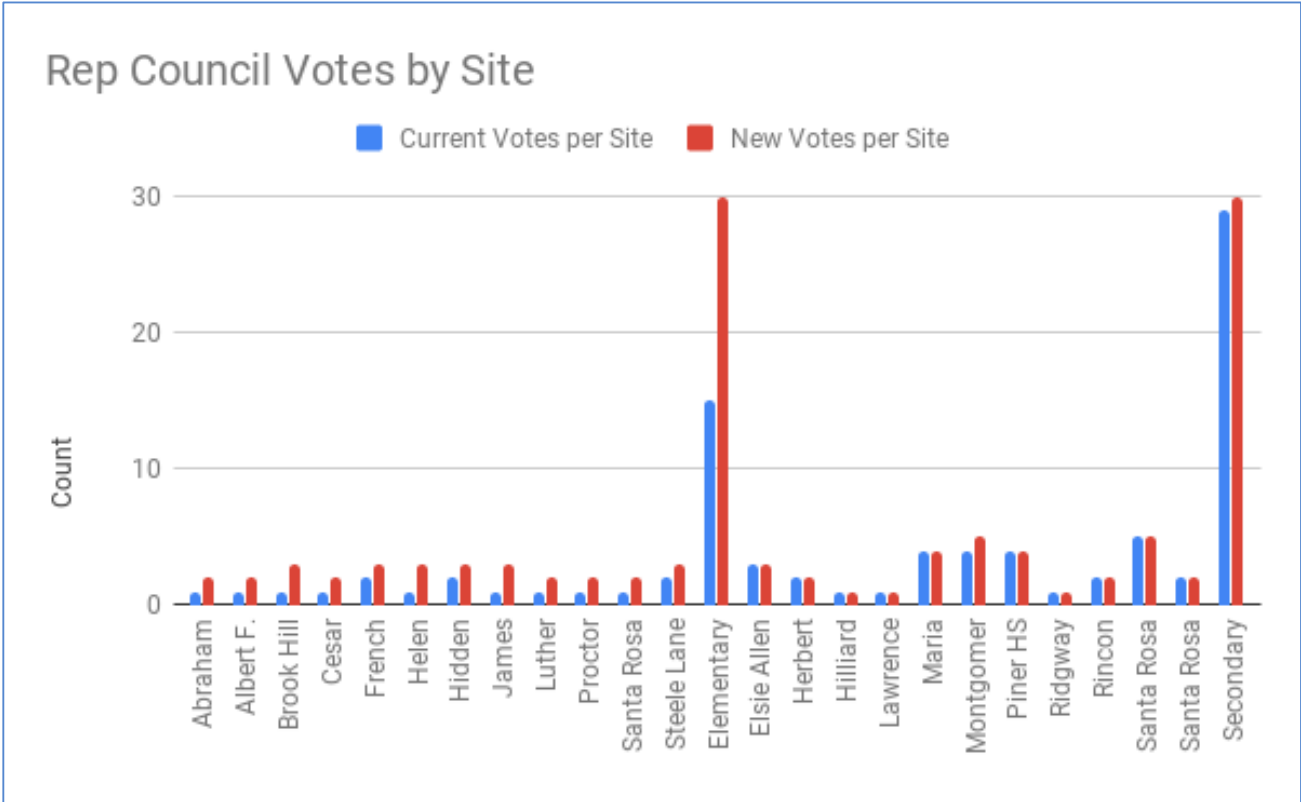
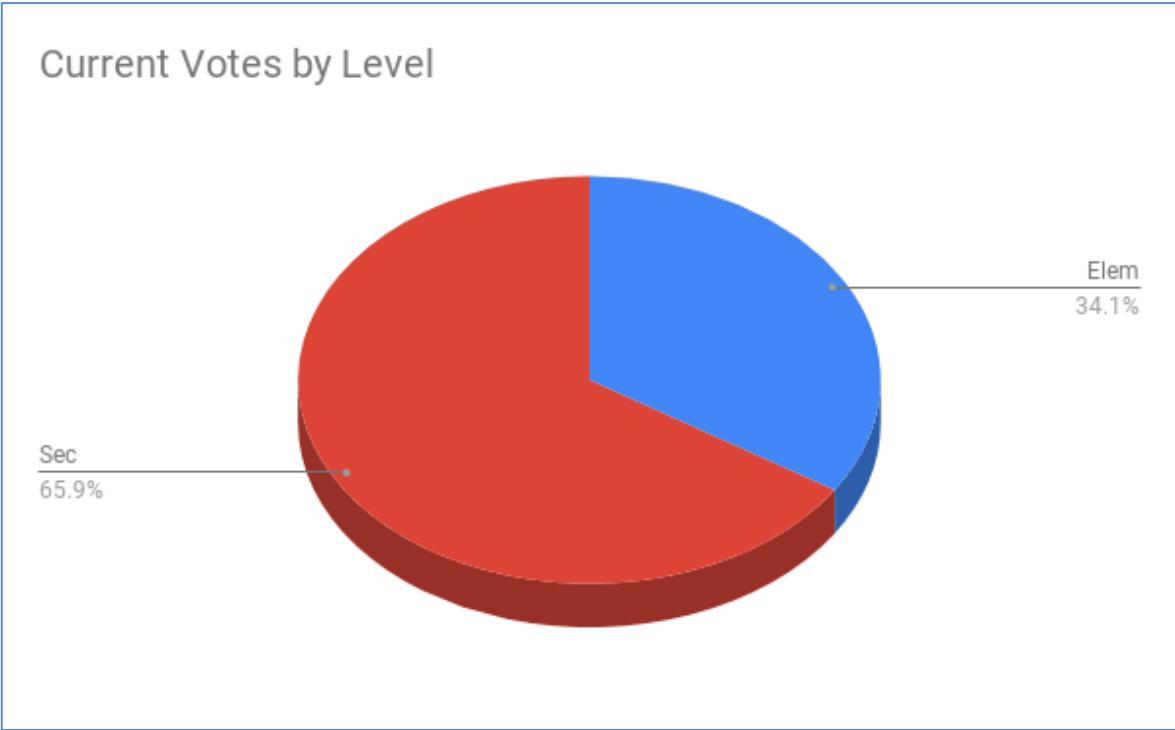


# Resolution To Amend the SRTA Bylaws In Regards to Rep Council Votes

Whereas the stated purpose of the SRTA association is to represent its members in their relations with their employer, and to seek to be the exclusive representative of appropriate units of school employees in all matters relating to employment conditions and employer-employee relations including, but not limited to, wages, hours, and other terms and conditions of employment and to foster good fellowship among members, and whereas at current levels of representation, elementary only accounts for 34.1% of the votes and while secondary accounts for 65.9% of votes, which is unequal representation.

I move to amend Article 7 of the association bylaws to reapportion votes as follows to ensure that elementary and secondary have equitable representation on the SRTA Representative Council by the beginning of the 2019-2020 school year. Elementary and secondary will each receive 30 votes. Votes will be apportioned among sites using the Hamilton/Vinton Apportionment Method. In case of a tie when assigning surplus votes, an appropriate random tie-breaker will be used.



12 secondary sites, 11 elementary sites

## The Hamilton/Vinton Method

The Hamilton/Vinton Method sets the divisor as the proportion of the total population per house seat. After each state's population is divided by the divisor, the whole number of the quotient is kept and the fraction dropped. This will result in surplus house seats. The first surplus seat is assigned to the state with the largest fraction after the original division. The next is assigned to the state with the second-largest fraction and so on. For example:

If a country had 4 states, and a 20-seat House of Representatives...

$$2560 + 3315 + 995 + 5012 = 11882$$

$$11882 / 20 = 594.1$$

State	Population	Quotient	First Allocation of Seats	Left Over Decimal	Seats Apportioned
A	2560	$2560 / 594.1 = 4.31$	4	.31	4
B	3315	$3315 / 594.1 = 5.58$	5	.58	6
C	995	$995 / 594.1 = 1.67$	1	.67	2
D	5012	$5012 / 594.1 = 8.44$	8	.44	8
<b>Total = 20 Seats</b>					

From census.gov – Methods of Apportionment

[https://www.census.gov/history/www/reference/apportionment/methods\\_of\\_apportionment.html](https://www.census.gov/history/www/reference/apportionment/methods_of_apportionment.html)

Site	Members (2018-19)	2018-19 Votes per Site	Level	number of members / votes per member	Whole Votes	Partial votes*	Surplus Votes	New Votes per Site	Change	Site		
Abraham Lincoln Elem.	23	1	Elementary	2,24756	2	24756		2	1	Elem		12
Albert F. Biela Elem.	23	1	Elementary	2,24756	2	24756		2	1	Sec		11
Brook Hill Elem.	24	1	Elementary	2,34528	2	34528	1	3	2		In the case of a tie a coin flip or other tie breaker decides the surplus vote.	
Cesar Chavez Language Academy	24	1	Elementary	2,34528	2	34528		2	1			
French American Charter	30	2	Elementary	2,93160	2	93160	1	3	1	Current Site Based Votes		44 percentage
Heien Lehman Elem.	29	1	Elementary	2,83388	2	83388	1	3	1	Elem		15
Hidden Valley Elem.	33	2	Elementary	3,22476	3	22476		3	1	Sec		29
James Monroe Elem.	25	1	Elementary	2,44300	2	44300	1	3	2			65.91%
Luther Burbank Elem.	20	1	Elementary	1,95440	1	95440	1	2	1			
Proctor Terrace Elem.	23	1	Elementary	2,24756	2	24756		2	1	New votes per member calculation		
Santa Rosa Charter School for the Arts	22	1	Elementary	2,14984	2	14984		2	1	Elementary Votes		30
Steele Lane Elem.	31	2	Elementary	3,02932	3	2932		3	1	Elem. Members		307
Elementary Total	307	15		Initial Split	25	Surplus Votes:	5	30		votes/members		10.23333333
Elsie Allen HS	66	3	Secondary	3,31104	3	31104		3	0			
Herbert Slater MS	44	2	Secondary	2,20736	2	20736		2	0			
Hilliard Comstock MS	23	1	secondary	1,15385	1	15385		1	0	Secondary Votes		30
Lawrence Cook MS	26	1	secondary	1,30435	1	30435		1	0	Secondary Members		598
Maria Carrillo HS	73	4	Secondary	3,66221	3	66221	1	4	0	Votes/members		19.93333333
Montgomery HS	89	4	Secondary	4,46488	4	46488	1	5	1			
Piner HS	71	4	secondary	3,56187	3	56187	1	4	0			
Ridgway High	27	1	secondary	1,35452	1	35452		1	0			
Rincon Valley MS	45	2	secondary	2,25753	2	25753		2	0			
Santa Rosa HS	102	5	Secondary	5,11706	5	11706		5	0			
Santa Rosa MS	32	2	Secondary	1,60535	1	60535	1	2	0			
Secondary Total	598	29		Initial Split	26	Surplus Votes	4	30				
Level	Members	Votes										
Elementary Total	307	15										
Secondary Total	598	29										

\* Largest partial votes get awarded the surplus votes