

Shrewsbury School Redistricting Public Forum

Jan 12, 2021

AppGeo

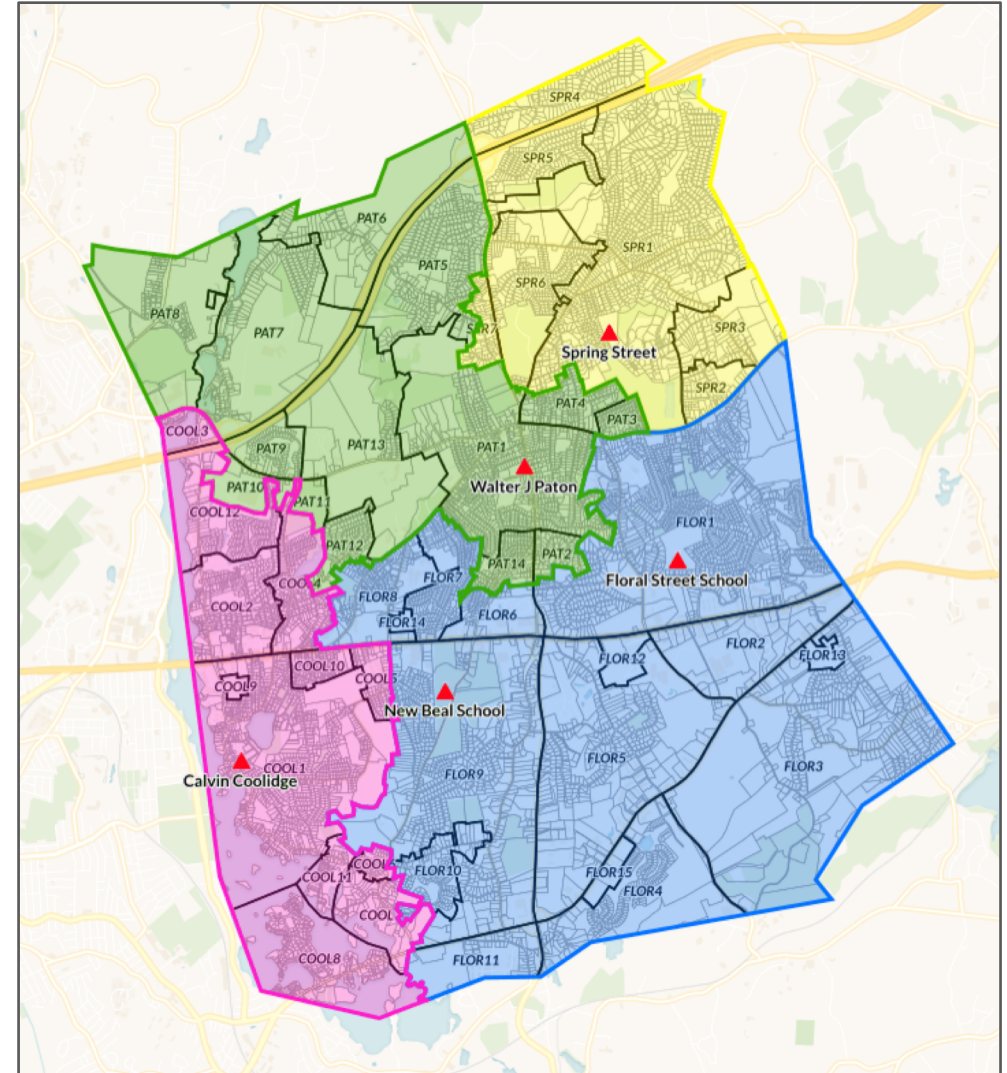
Covered Today

1. Current & District Projections
2. Scenario Overview
3. Determining Future Capacity and Targets
4. Scenarios
 - a. Focus on Socio-Economic Equity
 - b. Focus on Geography
 - c. Balancing Guiding Principles
5. Timeline/Next Steps
6. Questions/Feedback

Current Districts

School	Grade K	Grade 1	Grade 2	Grade 3	Grade 4
"Old" Beal	244	68	0	0	0
Coolidge	39	82	97	118	76
Floral	0	121	174	206	221
Paton	38	82	92	70	88
Spring	41	80	70	79	80

School	K Thru 4	% Reduced Lunch	% White	% Non White	% Mixed Race
"Old" Beal	312	16%	37%	60%	4%
Coolidge	412	32%	53%	39%	8%
Floral	722	15%	42%	54%	4%
Paton	370	11%	72%	24%	3%
Spring	350	7%	65%	29%	6%



Current & Projected (2030) Students

School	Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Total
"Old" Beal	244	68	0	0	0	312
Coolidge	39	82	97	118	76	412
Floral	0	121	174	206	221	722
Paton	38	82	92	70	88	370
Spring	41	80	70	79	80	350
Total	362	433	433	473	465	2166

School	Projected K	Projected Grade 1	Projected Grade 2	Projected Grade 3	Projected Grade 4	Totals
						454
Coolidge		95	94	95	93	377
Floral		206	201	196	196	799
Paton		83	90	91	94	358
Spring		75	76	77	78	306
Total	454	459	461	459	461	2294

Determining Future Enrollment Capacity and Targets

ACCEPTABLE RANGE FOR FUTURE SCHOOL ENROLLMENTS					
School	Core Classrooms	Class size	K-4 Sections	Target (10/1/2025) Enrollment [Using Low-end of School Cmtee Guidelines]	Total Enrollment (Using High-end of School Cmtee Guideline)
Coolidge	15	20.5	3/gr.	308	333
Paton	15	20.5	3/gr.	308	333
Spring	15	20.5	3/gr.	308	333
Floral	30	20.3	6/gr.	608	666
New Beal	40	19.8	8/gr.	790	888
Total				2322	2553

School Committee Guidelines for Class Sizes	
Kindergarten	17-19
Gr. 1-2	20-22
Gr. 3-4	22-24


*Our projected K-4 enrollment for 2021-2022 is **2,126** so we will be below our target enrollments by design for the next few years and may have fewer & varying number of sections as a result.*

Scenario Overview

- The Redistricting Committee presents a total of 5 scenarios
 - Scenario with a Focus on Socio-Economic Equity
 - Scenario with a Focus on Geography - Compact & Contiguous
 - Scenario Balancing All Guiding Principles (3 options)
- Each scenario is presented with a lot of data
 - Current student data and projected future enrollment
 - Grade level breakdown
 - Demographics

Scenario Overview

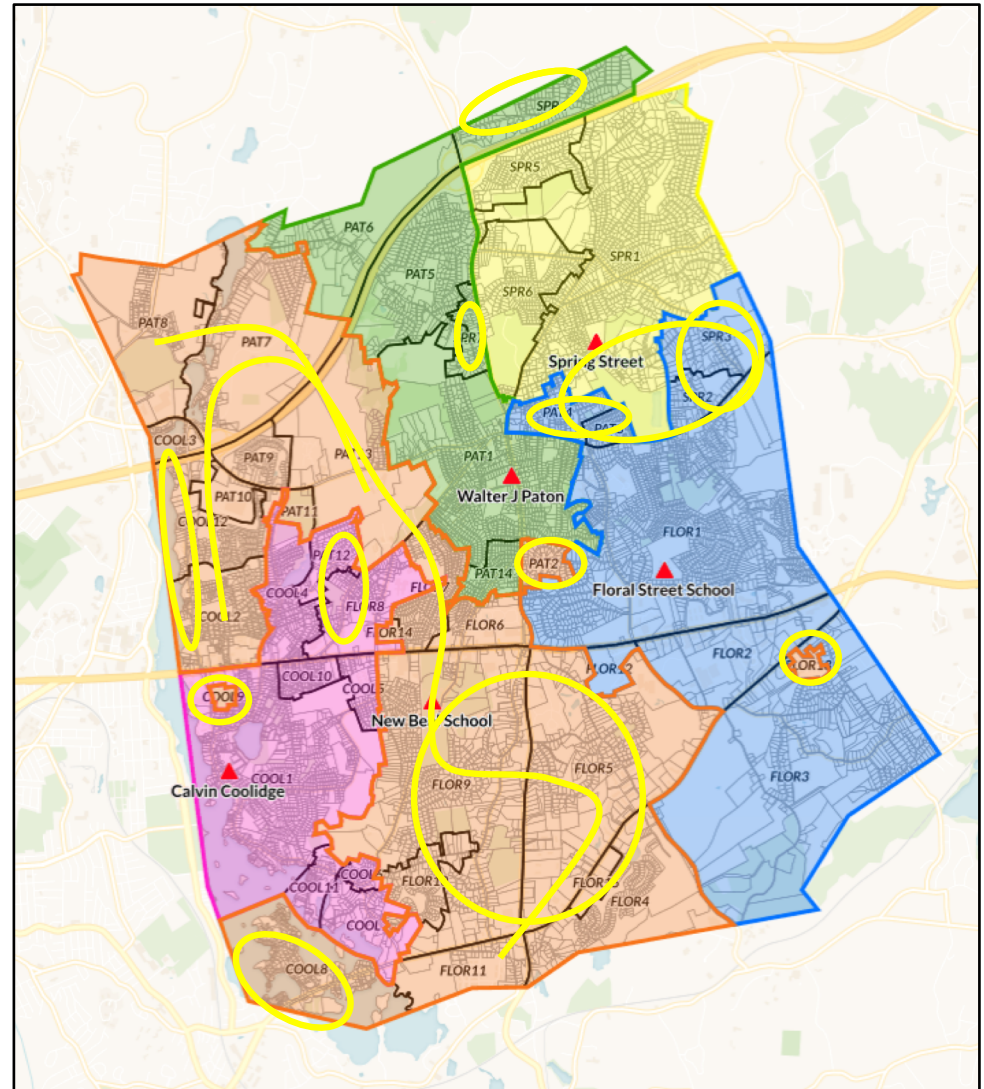
- The Redistricting Committee is not making any specific recommendations at this time
- Each scenario fulfills Guiding Principles to varying degrees
- There is no “perfect” scenario



Scenarios with Focus on Socio- Economic Equity

Scenario with Focus on Socio-Economic Equity

- New Beal district created with components from Paton, Coolidge and Floral
- Paton - several Paton components moved to New Beal and a couple to Floral but 2 components from Spring added
- Coolidge - several components moved to New Beal but a couple of Paton and Floral components added
- Floral - several Floral components moved to New Beal and one to Coolidge and added components from Paton and Spring
- Spring - components moved to Paton and Floral, none added

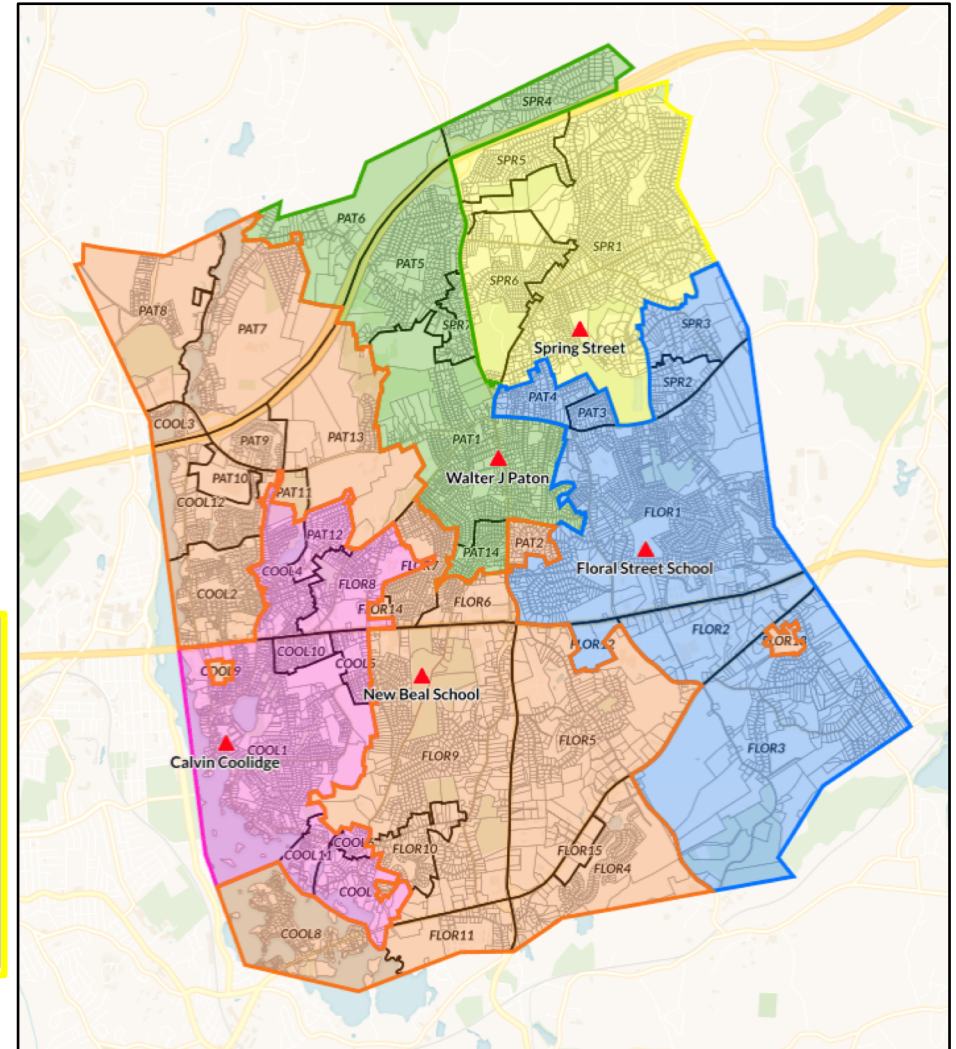


Focus on Socio-Economic Equity

School	Grade K	Grade 1	Grade 2	Grade 3	Grade 4
Coolidge	48	57	64	71	52
Floral	115	120	101	113	126
Paton	37	62	66	51	75
Spring	47	65	58	67	63
New Beal	115	129	144	171	148

School	Target Enrollment	K Thru 4	% Target Enrollment	% Reduced Lunch	% White	% Non White	% Mixed Race
Coolidge	308	292	95%	30%	60%	31%	9%
Floral	608	575	95%	13%	39%	57%	4%
Paton	308	291	94%	10%	74%	22%	4%
Spring	308	300	97%	7%	65%	30%	5%
New Beal	790	707	89%	19%	45%	51%	4%

Reference: Original Scenario 10; Socio-Economic Option 2



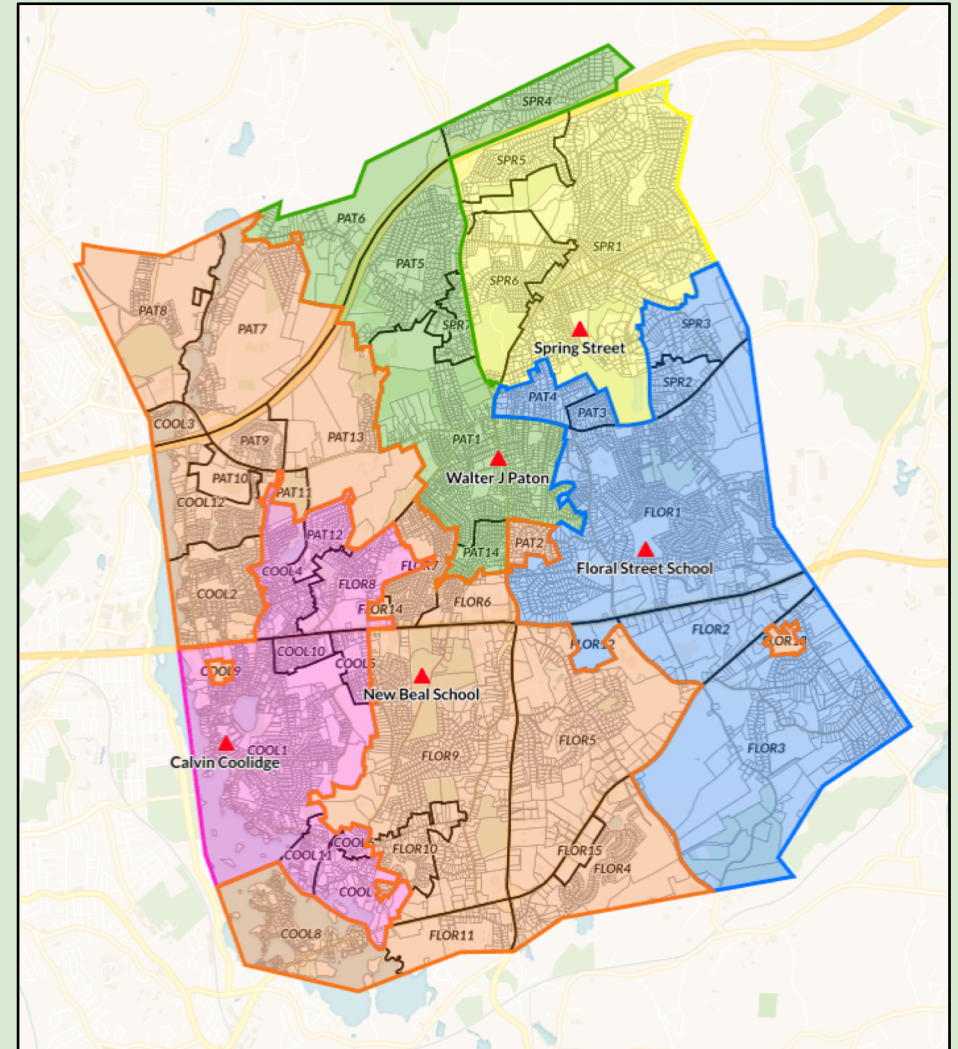
Focus on Socio-Economic Equity

Projected 2030

School	Projected Grade K	Projected Grade 1	Projected Grade 2	Projected Grade 3	Projected Grade 4
Coolidge	61	64	63	59	60
Floral	145	130	115	108	113
Paton	46	62	65	63	79
Spring	59	61	63	66	62
New Beal	145	141	156	161	144

School	Target Enrollment	K Thru 4	Projected K Thru 4	% Target Enrollment (+/-10%)	% Projected Target Enrollment (+/-10%)
Coolidge	308	292	307	95%	100%
Floral	608	575	611	95%	100%
Paton	308	291	315	94%	102%
Spring	308	300	311	97%	101%
New Beal	790	707	747	89%	95%

Reference: Original Scenario 10; Socio-Economic Option 2



Focus on Socio-Economic Equity - Pros & Cons

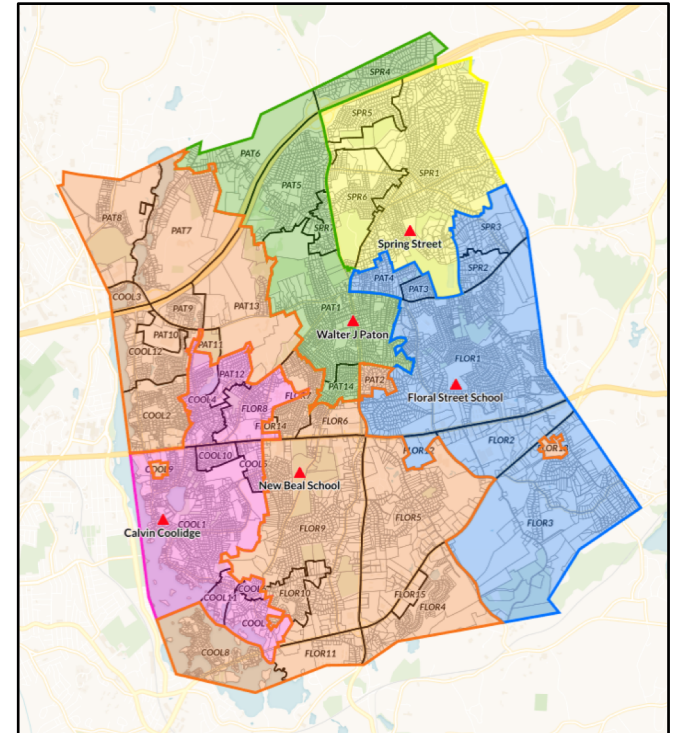
- The committee spent significant time and effort trying to balance socio-economic equity across the school districts
- Every scenario that was created was evaluated using this guiding principle
- Several scenarios were considered but the general consensus of the committee was to present this option for consideration


PROS

- Brings the % of Reduced Lunch Students in Coolidge to 30% - lowest of all scenarios
- Since COOL9 needed to be moved to get to this % moving COOL2 and COOL12 makes a potential bus route instead of just moving COOL9
- Enrollment balanced

CONS

- Some potential walkers to Coolidge will need transportation to New Beal
- FLOR13 bussed students moved to New Beal
- Of all Scenarios this is on the higher end of students being displaced (718)
- Map not contiguous and looks very engineered





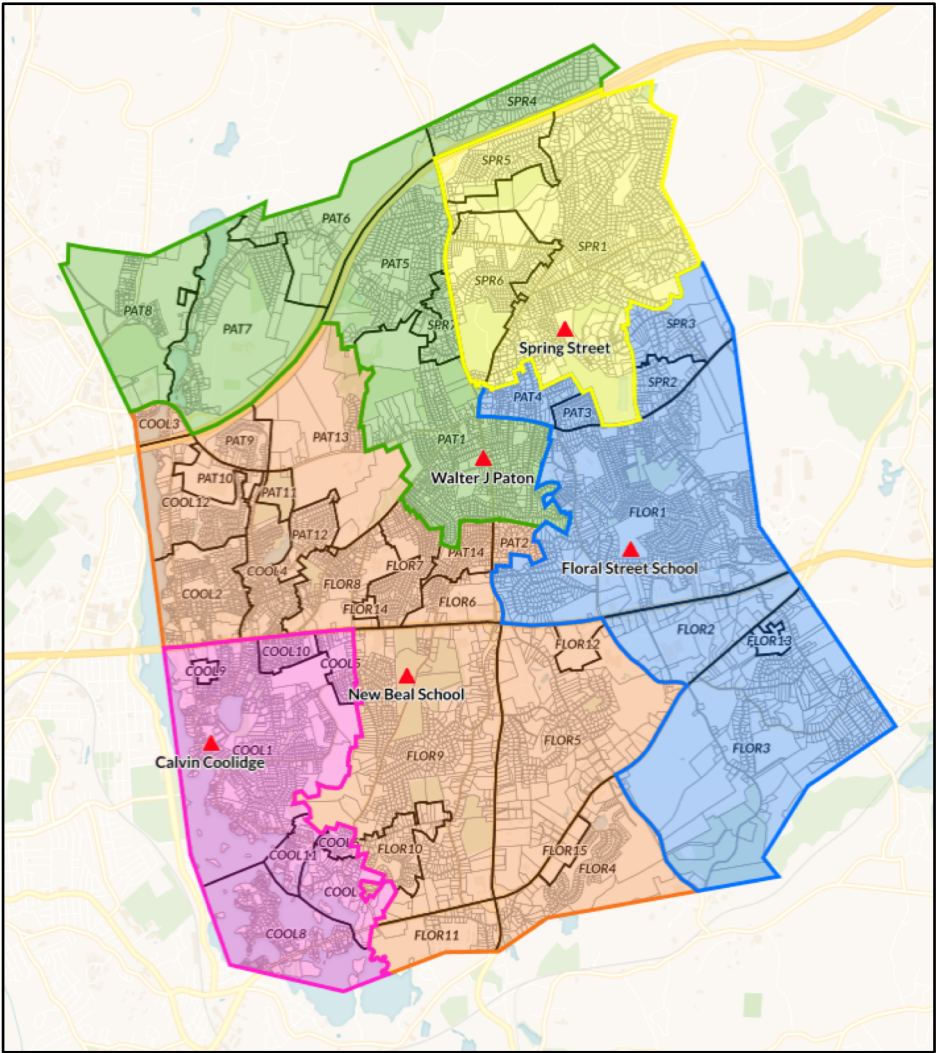
Scenario with
Focus on
Geography -
Compact &
Contiguous

Geographically Compact & Contiguous

School	Grade K	Grade 1	Grade 2	Grade 3	Grade 4
Coolidge	52	55	59	73	44
Floral	117	127	108	119	123
Paton	41	64	65	53	69
Spring	47	65	58	67	63
New Beal	105	122	143	161	165

School	Target Enrollment	K Thru 4	% Target Enrollment	% Reduced Lunch	% White	% Non White	% Mixed Race
Coolidge	308	283	92%	37%	57%	34%	9%
Floral	608	594	98%	12%	37%	59%	4%
Paton	308	292	95%	12%	76%	21%	4%
Spring	308	300	97%	7%	65%	30%	5%
New Beal	790	696	88%	17%	48%	48%	4%

Reference: Original Scenario 3B

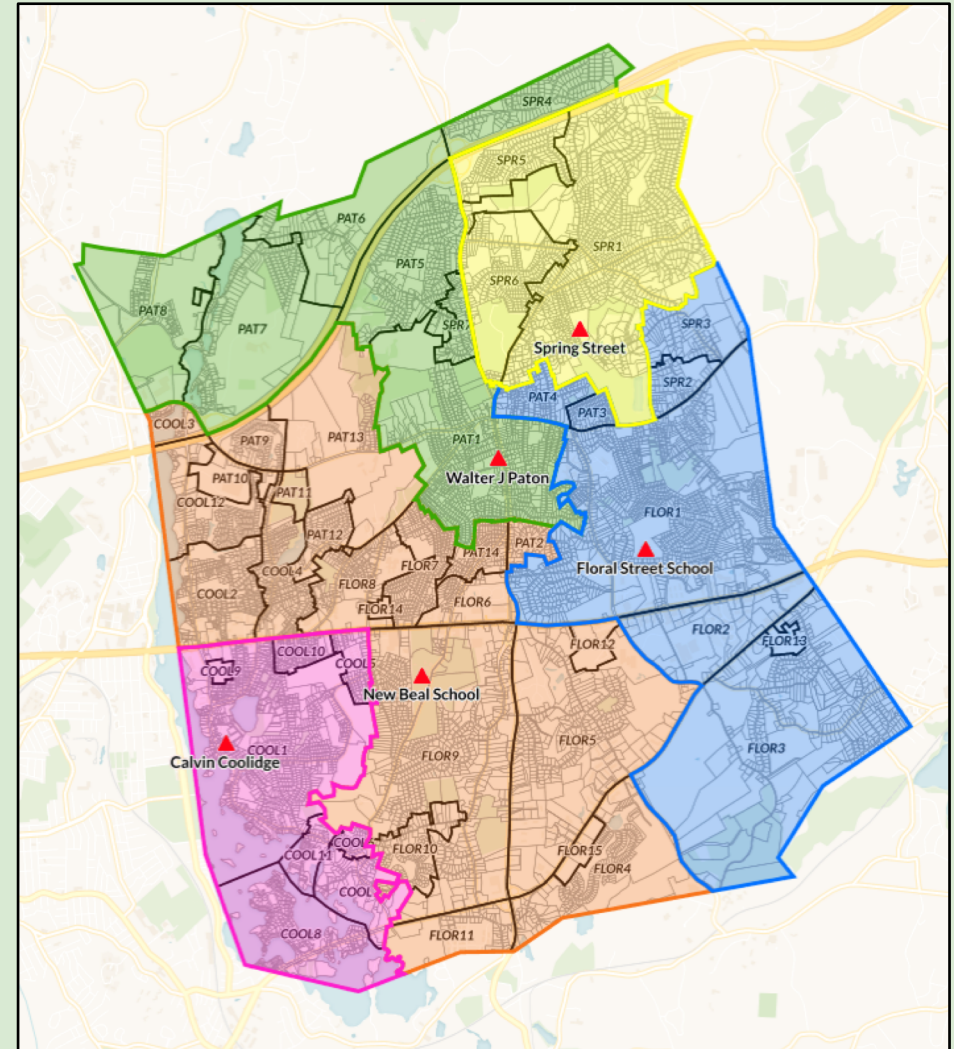


Geographically Compact & Contiguous

School	Projected Grade K	Projected Grade 1	Projected Grade 2	Projected Grade 3	Projected Grade 4
Coolidge	65	62	58	60	54
Floral	147	137	123	114	110
Paton	50	64	64	66	72
Spring	59	61	63	66	62
New Beal	135	134	154	151	160

School	Target Enrollment	K Thru 4	Projected K Thru 4	% Target Enrollment (+/-10%)	% Projected Target Enrollment (+/-10%)
Coolidge	308	283	299	92%	97%
Floral	608	594	631	98%	104%
Paton	308	292	316	95%	103%
Spring	308	300	311	97%	101%
New Beal	790	696	734	88%	93%

Reference: Original Scenario 3B



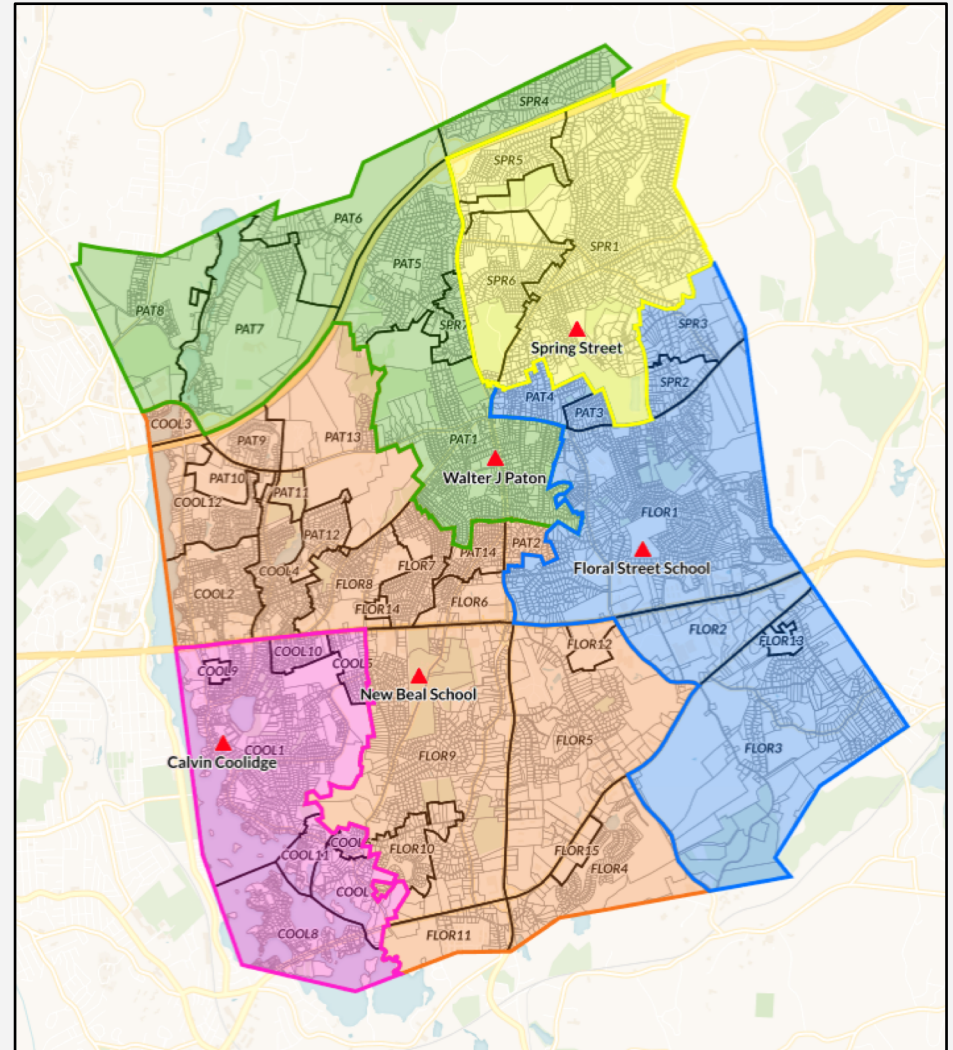
Geographically Compact & Contiguous


Pros

- Geographically compact and contiguous
- Enrollment balanced

Cons

- Coolidge Reduced Lunch percentage is high (37%)
- Some Spring and Paton potential walkers moved
- To maintain compactness (PAT8 & PAT7 stay in Paton), PAT14 walkers need to be moved to New Beal





Scenarios Balancing All Guiding Principles

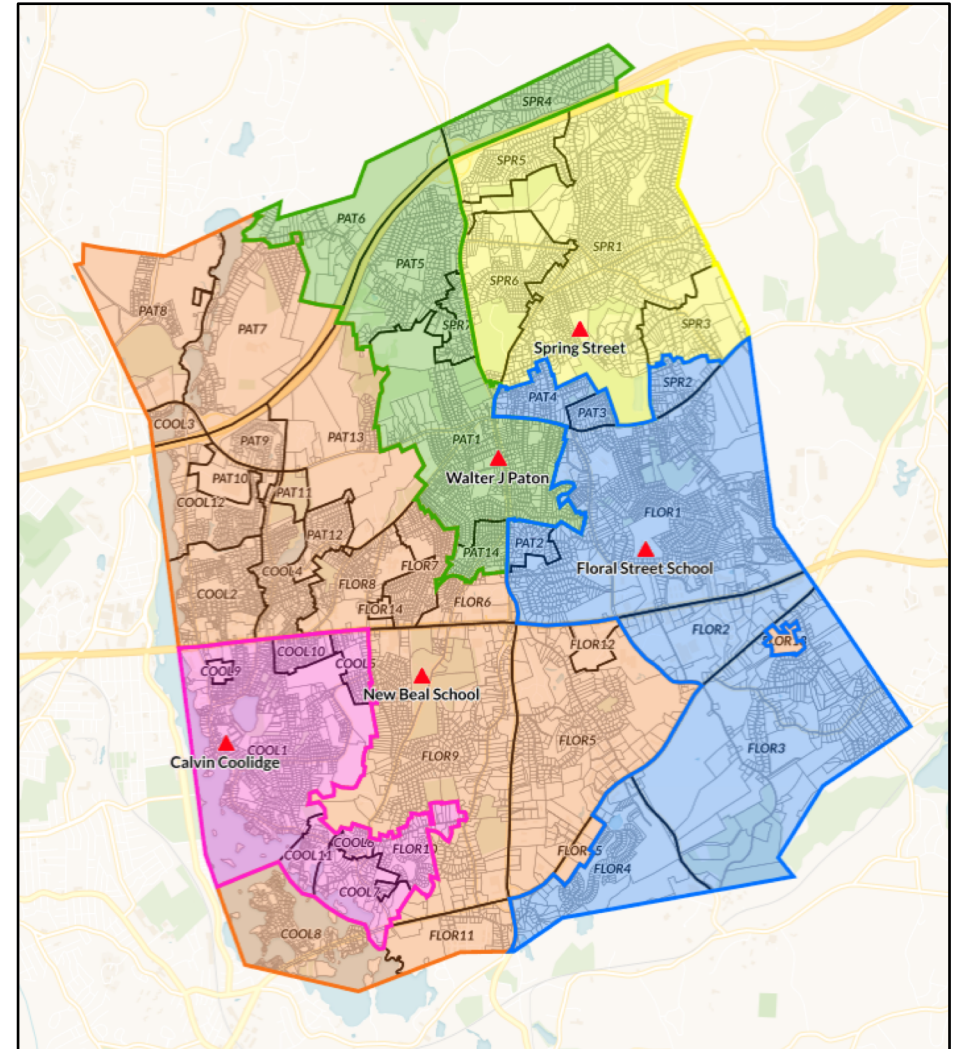
Focus on Balancing Guiding Principles

Option 1

School	Grade K	Grade 1	Grade 2	Grade 3	Grade 4
Coolidge	46	52	61	76	51
Floral	113	120	99	111	121
Paton	37	62	66	51	75
Spring	50	68	61	71	66
New Beal	116	131	146	164	151

School	Target Enrollment	K Thru 4	% Target Enrollment	% Reduced Lunch	% White	% Non White	% Mixed Race
Coolidge	308	286	93%	34%	55%	37%	8%
Floral	608	564	93%	10%	37%	59%	4%
Paton	308	291	94%	10%	74%	22%	4%
Spring	308	316	103%	7%	65%	29%	6%
New Beal	790	708	90%	20%	49%	47%	5%

Reference: Scenario 13



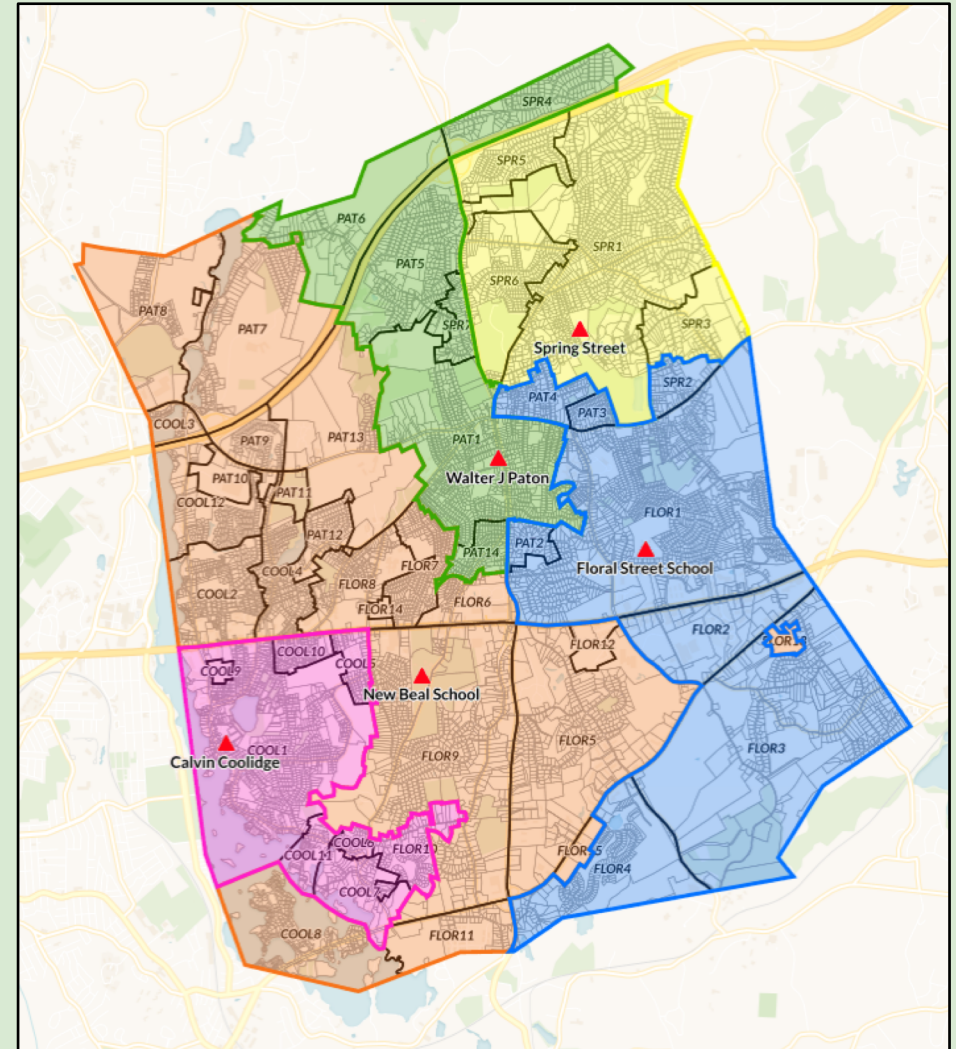
Focus on Balancing Guiding Principles

Option 1 - Projected 2030

School	Projected Grade K	Projected Grade 1	Projected Grade 2	Projected Grade 3	Projected Grade 4
Coolidge	58	58	61	64	57
Floral	142	130	112	107	109
Paton	46	62	65	63	79
Spring	63	64	66	70	65
New Beal	147	144	158	153	148

School	Target Enrollment	K Thru 4	Projected K Thru 4	% Target Enrollment (+/-10%)	% Projected Target Enrollment (+/-10%)
Coolidge	308	286	298	93%	97%
Floral	608	564	600	93%	99%
Paton	308	291	315	94%	102%
Spring	308	316	328	103%	106%
New Beal	790	708	750	90%	95%

Reference: Scenario 13



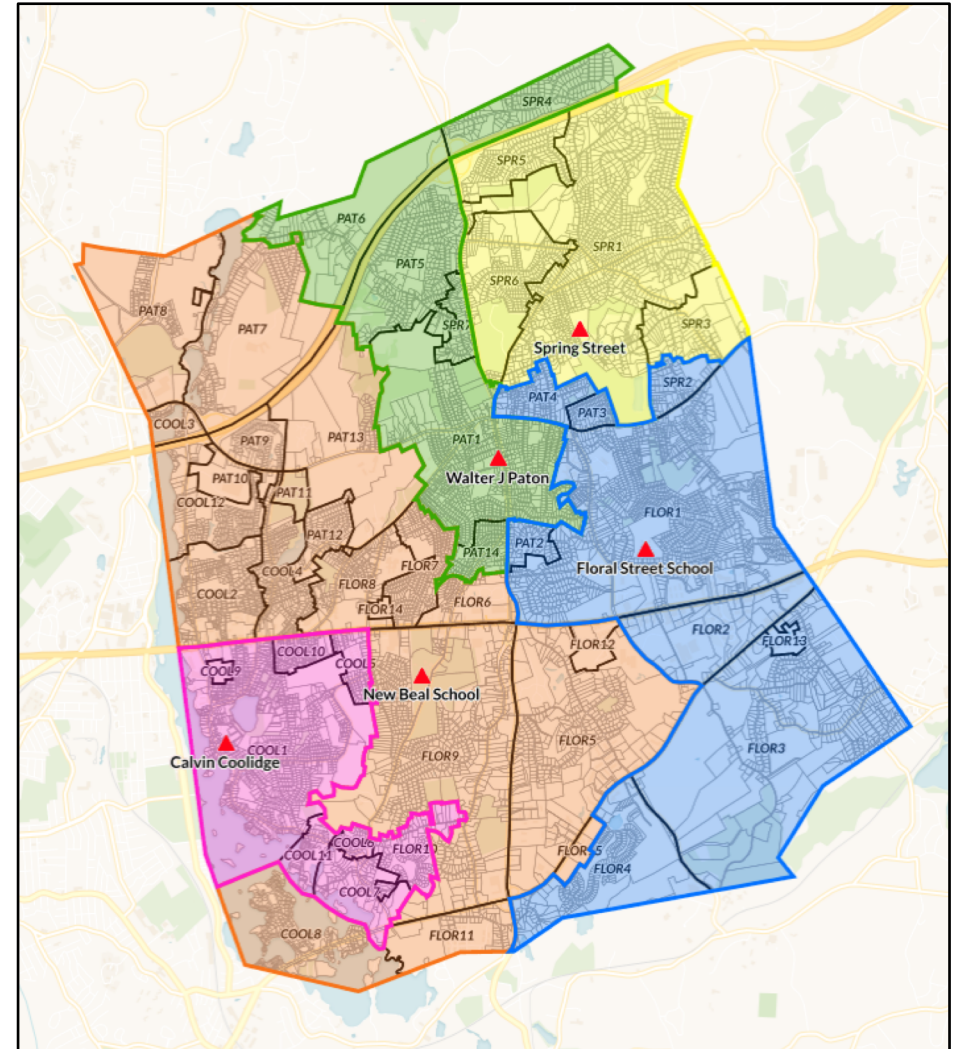
Focus on Balancing Guiding Principles

Option 2

School	Grade K	Grade 1	Grade 2	Grade 3	Grade 4
Coolidge	46	52	61	76	51
Floral	125	136	117	130	136
Paton	37	62	66	51	75
Spring	50	68	61	71	66
New Beal	104	115	128	145	136

School	Target Enrollment	K Thru 4	% Target Enrollment	% Reduced Lunch	% White	% Non White	% Mixed Race
Coolidge	308	286	93%	34%	55%	37%	8%
Floral	608	644	106%	11%	35%	62%	4%
Paton	308	291	94%	10%	74%	22%	4%
Spring	308	316	103%	7%	65%	29%	6%
New Beal	790	628	79%	20%	52%	43%	5%

Reference: Scenario 14



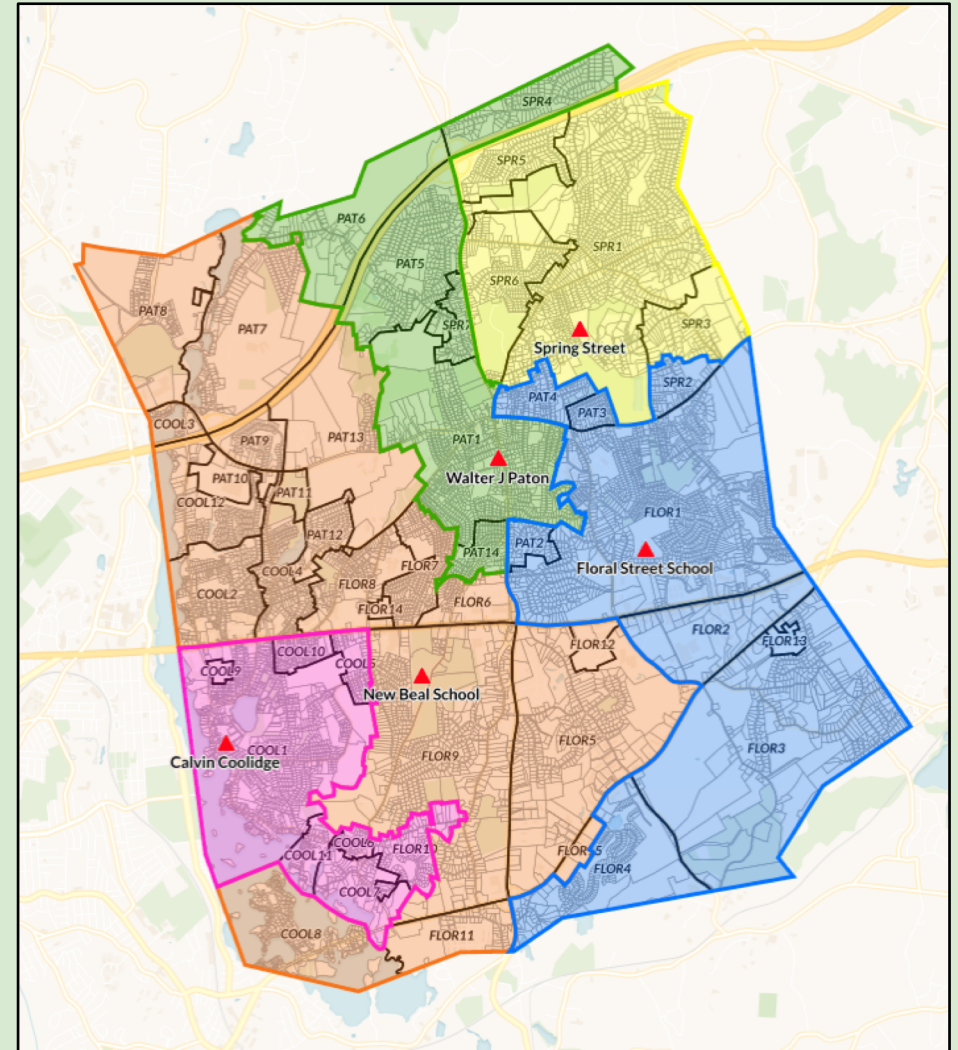
Focus on Balancing Guiding Principles

Option 2 - Projected 2030

School	Projected Grade K	Projected Grade 1	Projected Grade 2	Projected Grade 3	Projected Grade 4
Coolidge	58	58	61	64	57
Floral	157	147	133	125	122
Paton	46	62	65	63	79
Spring	63	64	66	70	65
New Beal	132	127	137	135	135

School	Target Enrollment	K Thru 4	Projected K Thru 4	% Target Enrollment (+/-10%)	% Projected Target Enrollment (+/-10%)
Coolidge	308	286	298	93%	97%
Floral	608	644	684	106%	113%
Paton	308	291	315	94%	102%
Spring	308	316	328	103%	106%
New Beal	790	628	666	79%	84%

Reference: Scenario 14



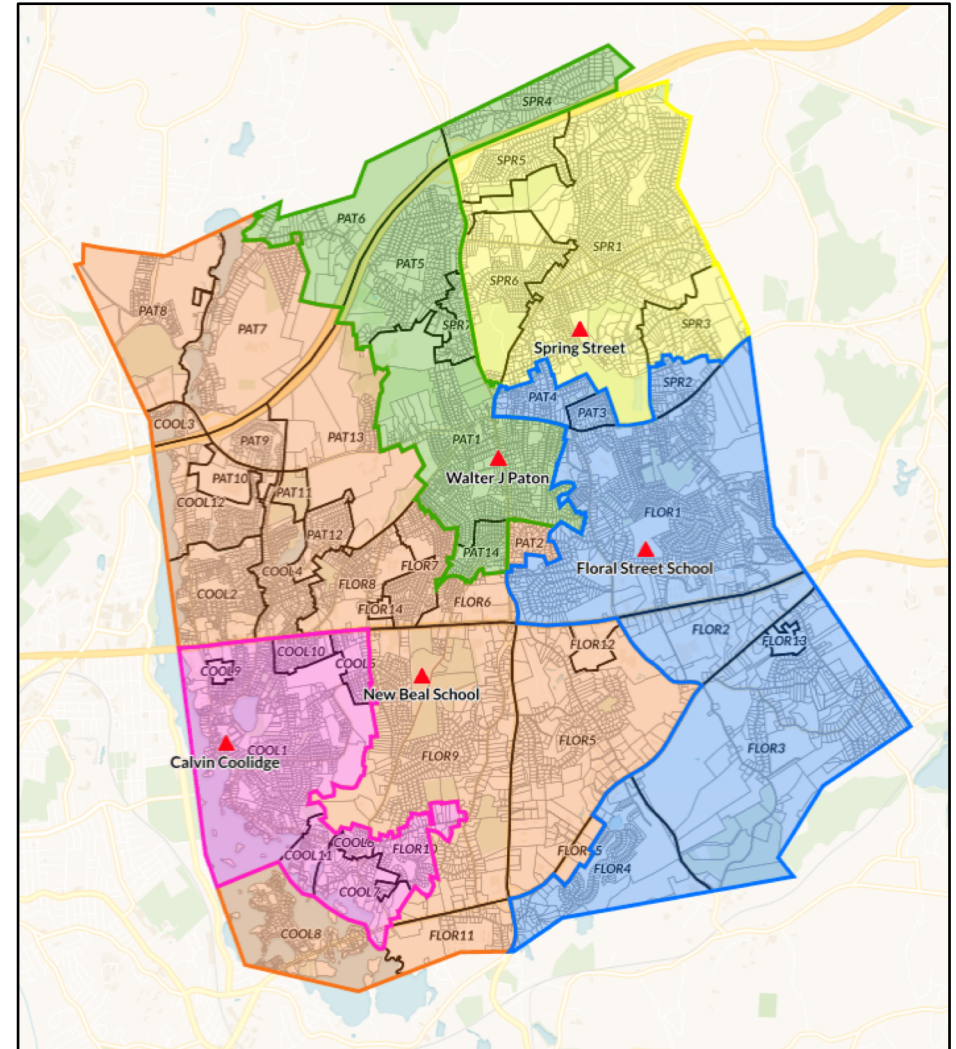
Focus on Balancing Guiding Principles

Option 3

School	Grade K	Grade 1	Grade 2	Grade 3	Grade 4
Coolidge	46	52	61	76	51
Floral	122	134	114	126	132
Paton	37	62	66	51	75
Spring	50	68	61	71	66
New Beal	107	117	131	149	140

School	Target Enrollment	K Thru 4	% Target Enrollment	% Reduced Lunch	% White	% Non White	% Mixed Race
Coolidge	308	286	93%	34%	55%	37%	8%
Floral	608	628	103%	11%	34%	62%	4%
Paton	308	291	94%	10%	74%	22%	4%
Spring	308	316	103%	7%	65%	29%	6%
New Beal	790	644	82%	20%	52%	43%	5%

Reference: Scenario 15



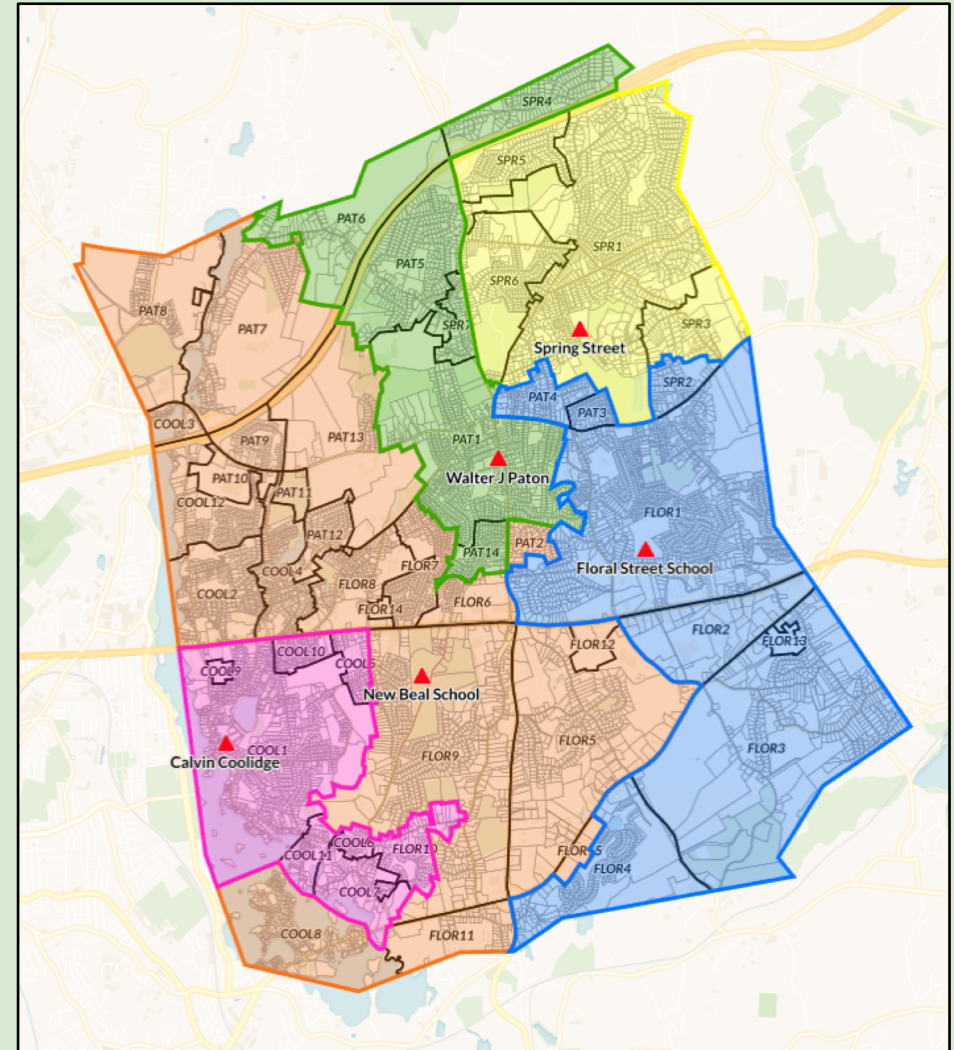
Focus on Balancing Guiding Principles

Option 3 - Projected 2030

School	Projected Grade K	Projected Grade 1	Projected Grade 2	Projected Grade 3	Projected Grade 4
Coolidge	58	58	61	64	57
Floral	153	145	130	120	118
Paton	46	62	65	63	79
Spring	63	64	66	70	65
New Beal	136	129	140	140	139

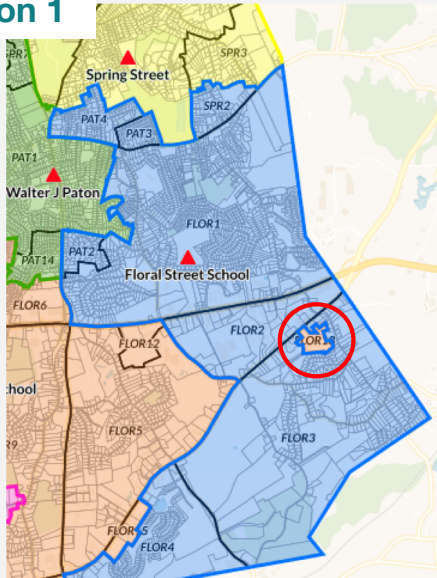
School	Target Enrollment	K Thru 4	Projected K Thru 4	% Target Enrollment (+/-10%)	% Projected Target Enrollment (+/-10%)
Coolidge	308	286	298	93%	97%
Floral	608	628	666	103%	110%
Paton	308	291	315	94%	102%
Spring	308	316	328	103%	106%
New Beal	790	644	684	82%	87%

Reference: Scenario 15



Focus on Balancing Guiding Principles - Differences in Scenarios

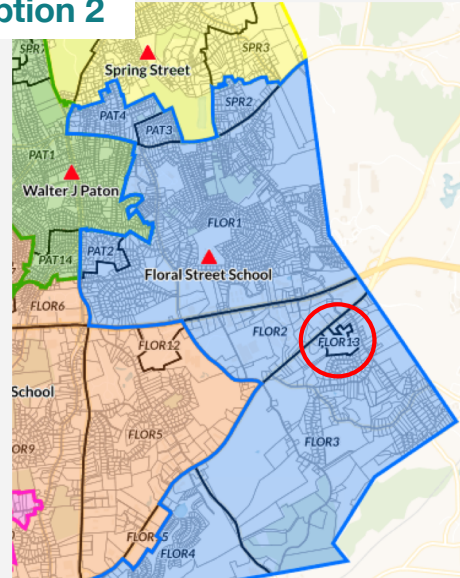
Option 1



PAT2 - Floral; FLOR13 - New Beal

School	% Target Enrollment (+/- 10%)	% Projected Target Enrollment (+/-10%)
Coolidge	93%	97%
Floral	93%	99%
Paton	94%	102%
Spring	103%	106%
New Beal	90%	95%

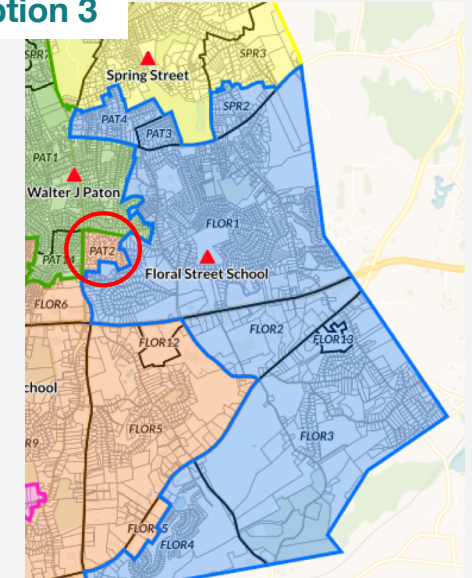
Option 2



PAT2 - Floral; FLOR13 - Floral

School	% Target Enrollment (+/- 10%)	% Projected Target Enrollment (+/-10%)
Coolidge	93%	97%
Floral	106%	113%
Paton	94%	102%
Spring	103%	106%
New Beal	79%	84%

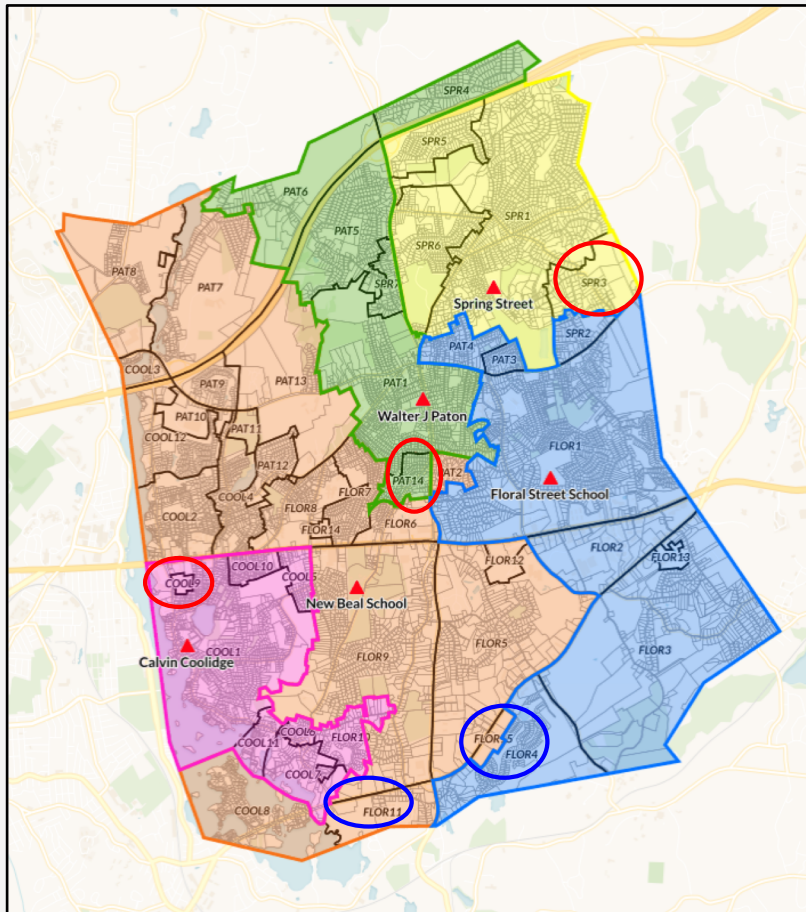
Option 3



PAT2 - New Beal; FLOR13 - Floral

School	% Target Enrollment (+/- 10%)	% Projected Target Enrollment (+/-10%)
Coolidge	93%	97%
Floral	103%	110%
Paton	94%	102%
Spring	103%	106%
New Beal	82%	87%

Focus on Balancing Guiding Principles - Pros & Cons



Showing here Option 3 of the Balancing Guiding Principles Options

PROS

- **Enrollment:** Projected target enrollment balanced
- **Neighborhood:** Paton (PAT14), Coolidge (COOL8), and Spring (SPR3) walkers maintained in current zones
- **Future Development:** Capacity available at New Beal
- **Minimize Change:** Options 2 & 3 have the least number of students displaced (667) of all scenarios considered
- **Student demographics:** Reduced lunch distribution maintained

CONSIDERATIONS

- Potential longer commute for NorthWest Paton students
- Potential Paton walkers (PAT2) to Floral sent to New Beal
- Option 2 most contiguous for Floral but Floral at projected 113%; Option 3 choice of moving PAT2 to New Beal balances Floral further

Comparison of Student Displacement

Scenario	Displaced Students
Focus on Socio-Economic Equity	718
Geographically Compact & Contiguous	684
Balancing Guiding Principles Option 1	721
Balancing Guiding Principles Option 2	667
Balancing Guiding Principles Option 3	667

**Displaced students are defined as those who would be attending a different school than currently. Current 312 Beal students have been excluded from the count.*

Timeline/Meeting Schedule

January

- 1/6 **School Committee** update with a variety of specific options
- 1/12 Redistricting Committee hold a second virtual **Community Forum** to look at specific options and seek feedback
- 1/14 **Redistricting Committee** Meeting finalize pros/cons weighting of each option—show 2-3 options
- 1/20 Redistricting Committee final recommendation to **School Committee**
- 1/27 **School Committee** public hearing

February

- 2/10 **School Committee** vote final plan

March-June

- Communicate plan to our parent community

August

- Implement plan as part of 2021-2022 school year re-opening

The background of the slide is a stylized map of a city, likely San Francisco, given the presence of the AppGeo logo. The map is rendered in a green-to-blue gradient, with the top half being a darker green and the bottom half transitioning into a teal/blue. The map shows a dense network of streets, parks, and water bodies. The text "Thank You!" is centered in the upper half of the image.

Thank You!

AppGeo