



# Boundary Presentation

## December 4, 2023

Dr. Brad Buck, Superintendent



# Agenda

- Boundary Timeline and Process
- Review the Priorities Guiding the Study
- Current State of the Elementary Boundaries
- Themes from Feedback
- Present the Proposed, Revised Map
  - Including the proposed implementation process



# Boundary Process Timeline

- Meetings with RSP - July to November
- Communication with families & staff regarding the process - September
- Presentation to the Board - Process & Timelines - Oct. 9
- Proposed Boundary Map to the Board - Nov. 13
- Staff Electronic Town Hall - Nov. 15
- Community Town Hall - WHS Auditorium - Nov. 16
- Proposed, Revised Boundary Map to the Board - Nov. 27
- Special Board Meeting for Board Considerations of Approval of the Revised Boundary Map - Dec. 4
- Implementation Begins



# Priorities for the Boundary Study

- Guided by significant feedback from the community, staff members, and students last fall/winter - **three** priorities emerged for this process:
  - Create and maintain a feeder for our grades 6-8, 9, 10-12 buildings with long-term sustainability
  - Balance our elementary schools in terms of class size, anticipated enrollment, and student demographics to the extent possible
  - Balance the WHS/NWHS feeder systems with the same considerations
- Because this process is likely to create some areas of significant change, there will be a **single, best map generated for Board review**
- Student exceptions, if any



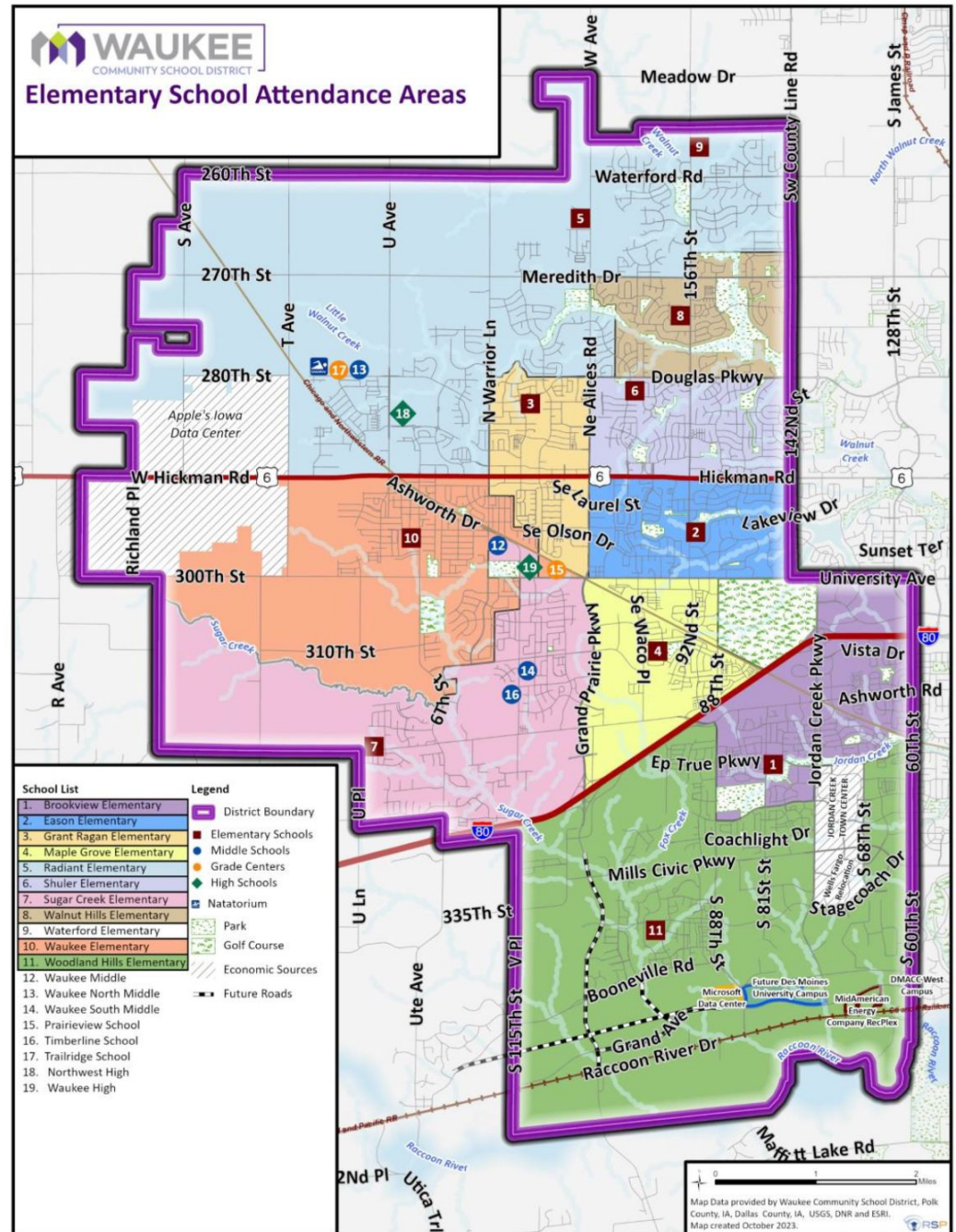
# Additional Priority Insights

- Facility Optimization to the Extent Possible
- Limited Exceptions
- Longevity of the Plan

# Elementary Boundary Map

## Map Details

- District Boundary: **Purple Line**
  - Elementary School: **Solid Colors**
1. Brookview Elementary
  2. Eason Elementary
  3. Grant Ragan Elementary
  4. Maple Grove Elementary
  5. Radiant Elementary
  6. Shuler Elementary
  7. Sugar Creek Elementary
  8. Walnut Hills Elementary
  9. *Waterford Elementary (#9) opens 2024/25, Boundary TBD*
  10. Waukee Elementary
  11. Woodland Hills



# Themes From Feedback





# Sources: Emails and Town Halls

## Revised Map:

- Concerns About Meredith Drive Section
- Concerns about Grant Ragan Section
- 5th Grade Exceptions at Sugar Creek/Maple Grove

## First Map:

- Dissatisfaction with Separated School(s) Concept
- Interest in Additional Exceptions
- Facility Optimization
- Concerns About Safety
- Concerns About the Number of Student Transitions
- Every Area of Proposed Movement Recognizes the Need for Movement and Prefers Not to Be Moved



# Revised Proposal



# Recommended Proposal: Elementary

## Boundary Description:

- Waterford boundary establish east of 170<sup>th</sup> St (Alice's Rd) to Walnut Hills boundary
- Walnut Hills extends west from Alice's Rd to Warrior Ln
- Maple Grove extends west from Grand Prairie Pkwy to SE LA Grant Pkwy

## Student Exception Recommendation

### Maple Grove (Area in yellow hatching):

- Current 4<sup>th</sup> grade students are eligible for exception to continue at Sugar Creek Elementary School

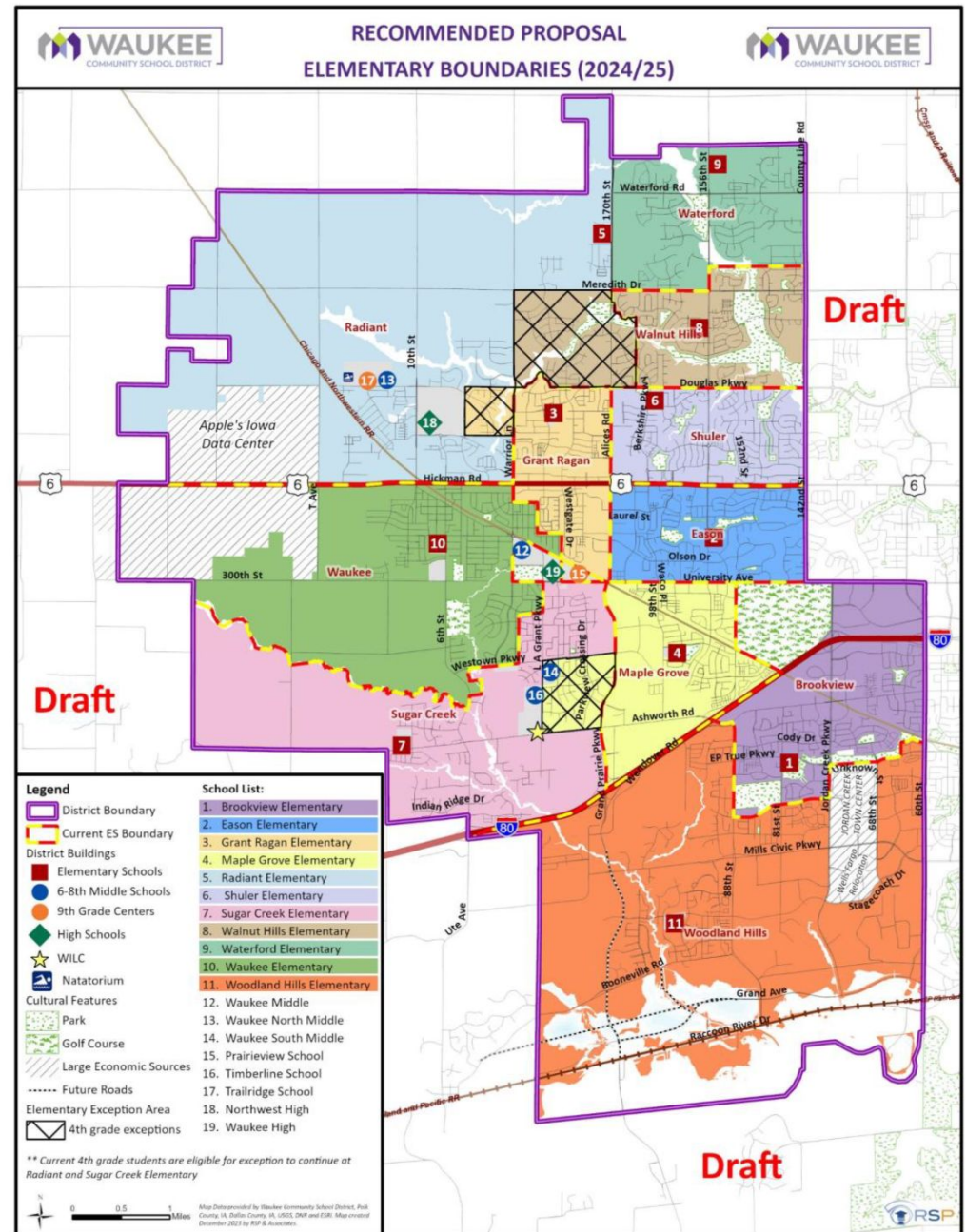
### Walnut Hills (Area in tan hatching):

- Current 4<sup>th</sup> grade students are eligible for exception to continue at Radiant Elementary School

### Grant Ragan (Area in peach hatching):

- Current 4<sup>th</sup> grade students are eligible for exception to continue at Radiant Elementary School

Transportation will continue to be provided for current 6<sup>th</sup>-11<sup>th</sup> graders in the exception areas (for whom we're already providing transportation). Transportation will not be provided for students currently in grades 5 and under who utilize any exception.



# Recommended Proposal: Elementary to Secondary Feeder

## Recommended Proposal: Feeder System

Waukee Northwest High School

Waukee High School

Trailridge 9<sup>th</sup> Grade Center

Prairieview 9<sup>th</sup> Grade Center

Waukee North MS

Waukee MS

Timberline MS

Waukee South MS

Waterford ES

Grant Ragan ES

Sugar Creek ES

Brookview ES

Walnut Hills ES

Shuler ES

Woodland Hills ES

Eason ES

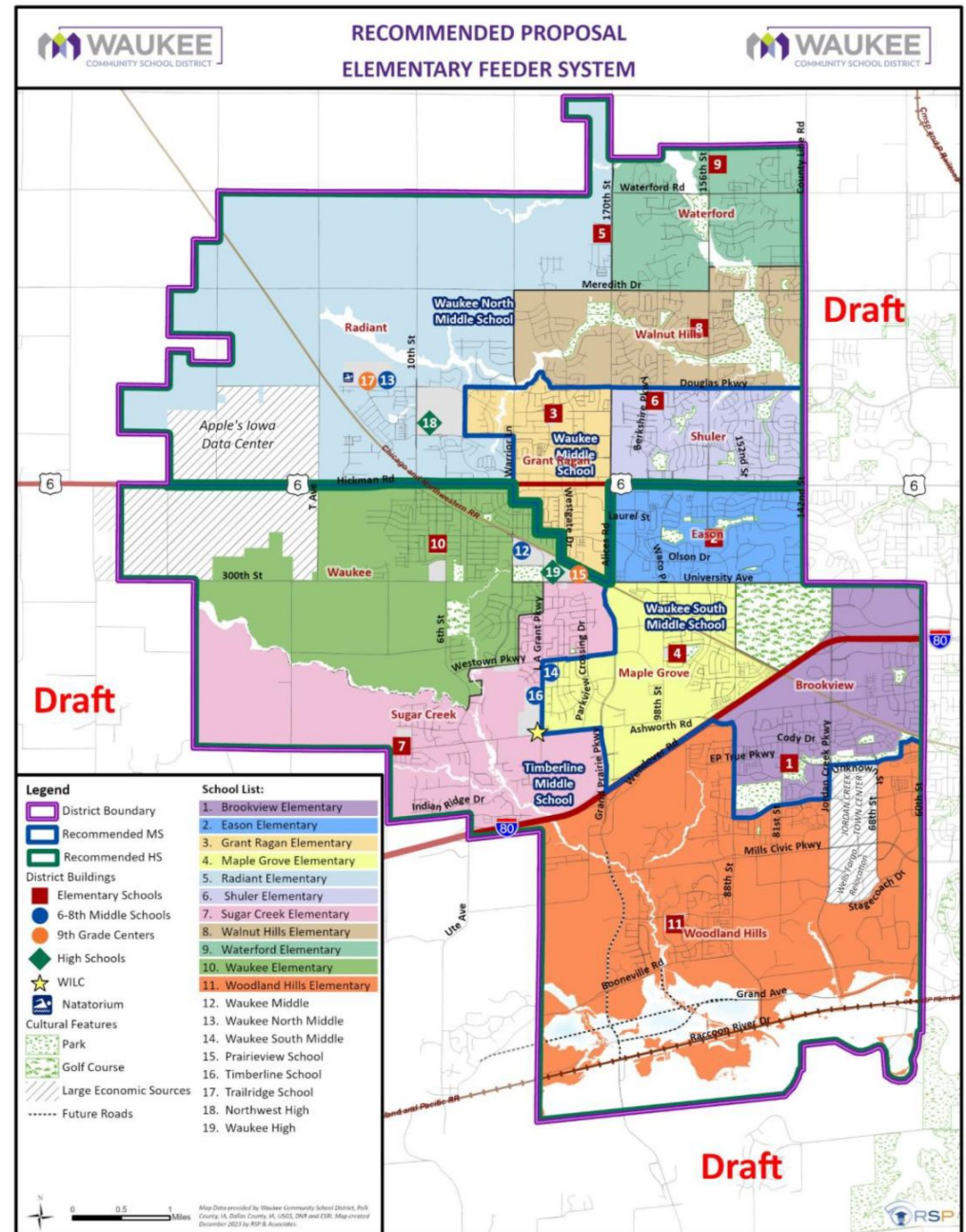
Radiant ES

Waukee ES

Maple Grove ES

## Observations:

- The Recommended Proposal operates a complete feeder system
- Waukee Elementary serves the southern secondary schools: Timberline Middle School, Prairieview 9<sup>th</sup> Grade Center, and Waukee High School
- Waukee Middle School is served by Grant Ragan and Shuler elementary schools





# Recommended Proposal: Secondary

## Boundary Description:

- Secondary boundaries were updated to reflect proposed elementary boundaries



### Waukee Exception Recommendation (Area in orange and black stripes):

- Current 6<sup>th</sup> to 11<sup>th</sup> grade students (and their younger siblings) are eligible for exception to continue at Trailridge Middle School and Waukee Northwest High School



### Maple Grove Exception Recommendation (Area in purple and black stripes):

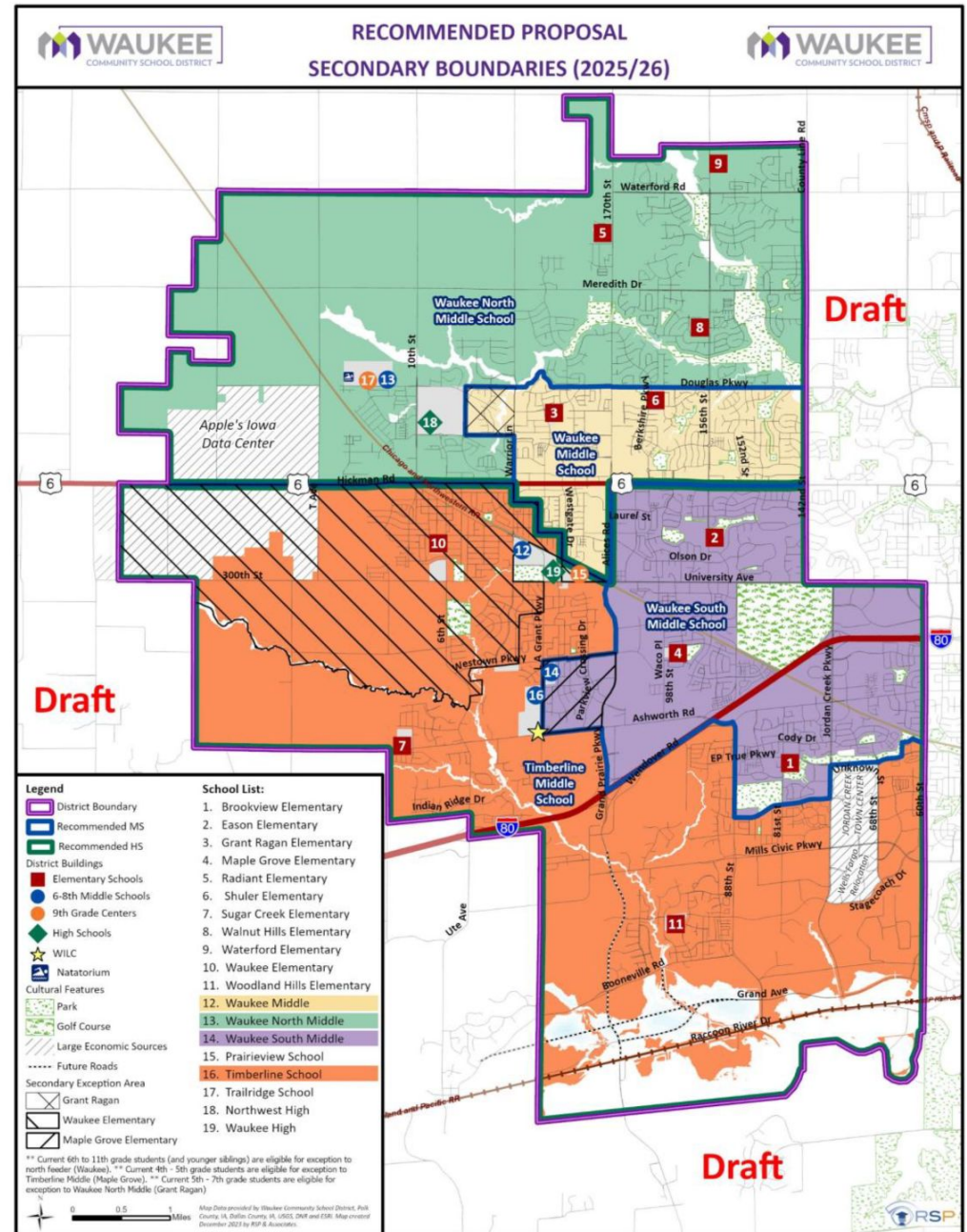
- Current 5<sup>th</sup> grade students are eligible for exception to continue at Timberline Middle School



### Grant Ragan Exception Recommendation (Area in yellow and black stripes):

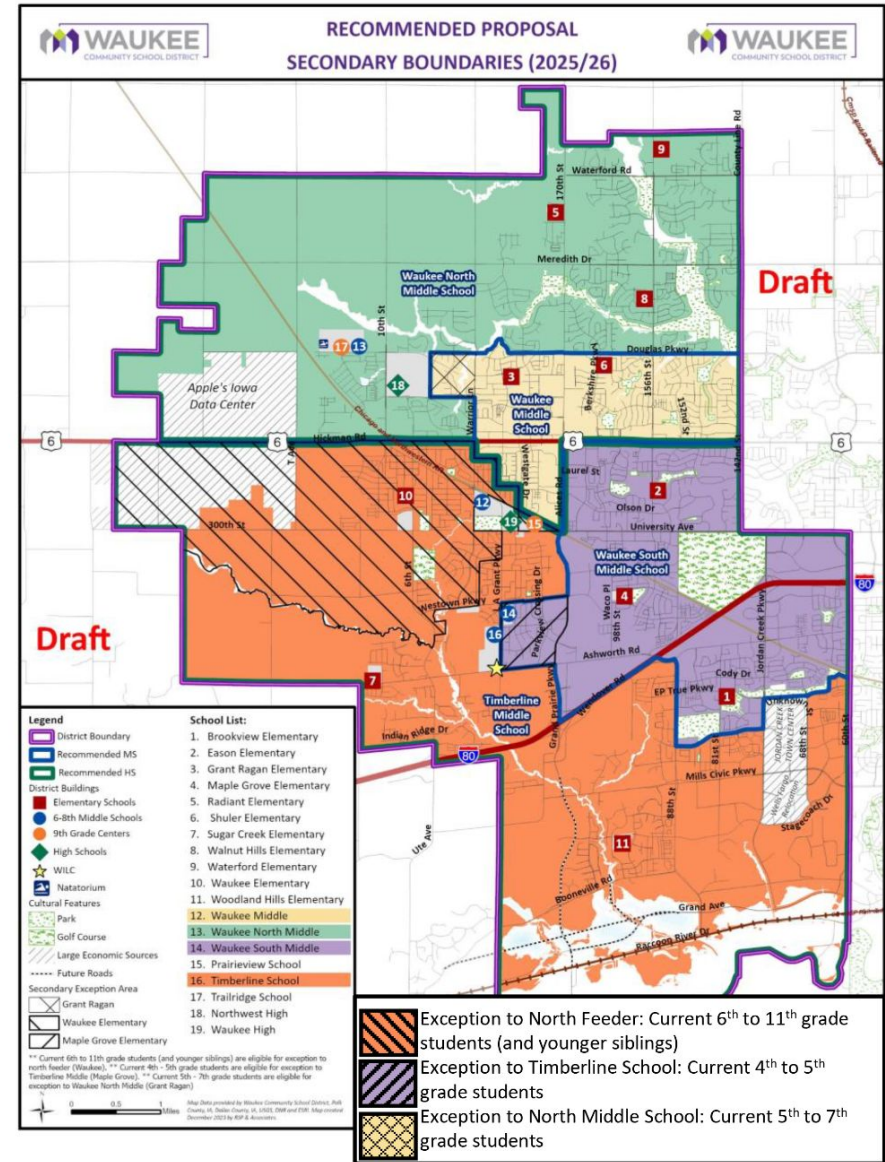
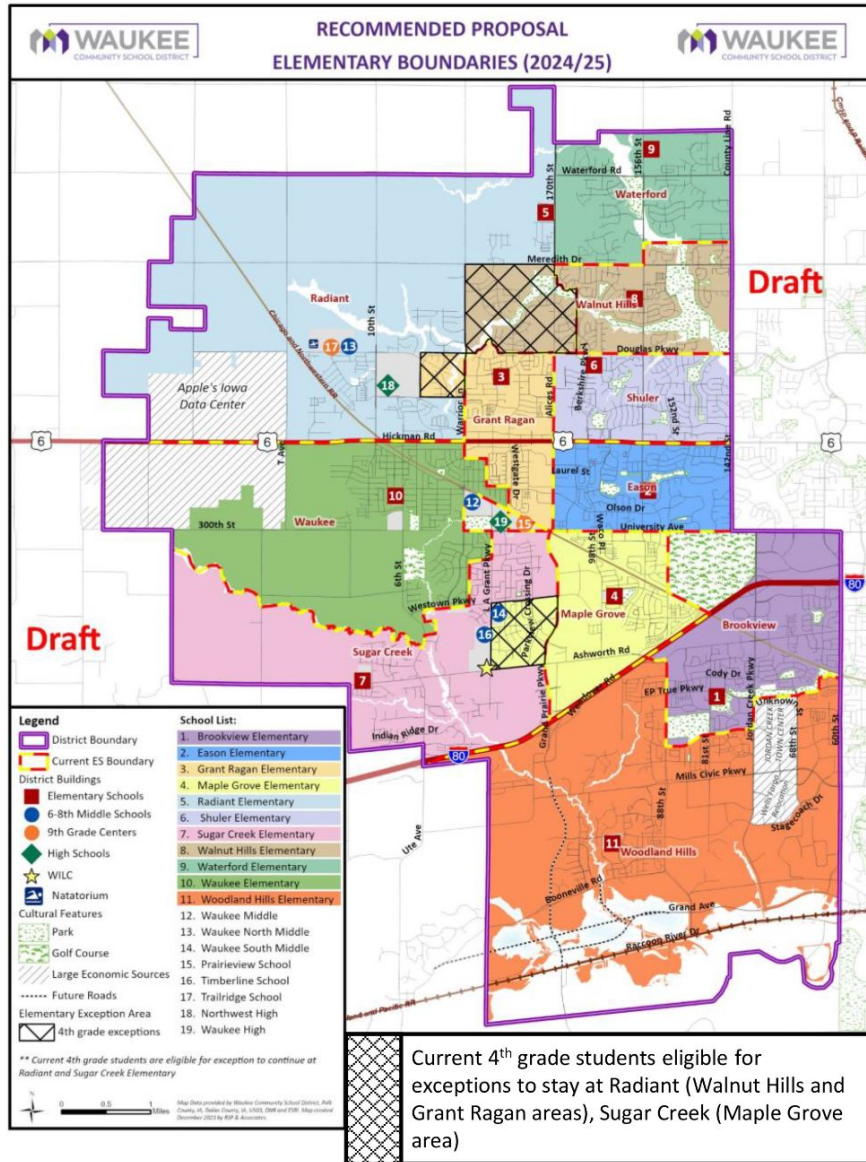
- Current 5<sup>th</sup> to 7<sup>th</sup> grade students are eligible for exception to continue at Waukee North Middle

Transportation will continue to be provided for current 6th-11th graders in the exception areas (for whom we're already providing transportation). Transportation will not be provided for students currently in grades 5 and under who utilize any exception.





# Recommended Proposal (side-by-side):



# Recommended Proposal: Projection Tables

## Main Takeaway:

- Waterford ES comes online and increased from 60% to 76% utilization
- Walnut Hills ES decreases from 91% to 81% utilization
- Radiant ES increased from 43% to 90% utilization
- Secondary enrollment is distributed between facilities
- Middle School facility plan will most likely need to be revisited after 2028/29
- High School enrollment will balance out by 2029/30 as students eligible for the exception policy work their way through

## Main Takeaway:

Elementary schools are less balanced with Radiant, Waukee, and Woodland Hills at 99%+ utilization in 2028/29.

Middle school enrollment is balanced due to the exception policy but will need to be reevaluated in future years.

Revised Recommended Proposal Elementary	Building Capacity:	2024/25		2025/26		2026/27		2027/28		2028/29	
		#	%	#	%	#	%	#	%	#	%
Brookview Elementary	750	644	86%	625	83%	621	83%	613	82%	589	79%
Eason Elementary	750	586	78%	570	76%	551	73%	517	69%	495	66%
Grant Ragan Elementary	750	677	90%	685	91%	697	93%	694	93%	678	90%
Maple Grove Elementary	750	563	75%	622	83%	663	88%	679	91%	686	91%
Radiant Elementary	750	321	43%	396	53%	505	67%	596	79%	676	90%
Shuler Elementary	750	598	80%	553	74%	520	69%	489	65%	475	63%
Sugar Creek Elementary	825	623	76%	627	76%	649	79%	658	80%	631	76%
Walnut Hills Elementary	750	723	96%	720	96%	684	91%	673	90%	654	87%
Waterford Elementary	825	453	55%	507	61%	542	66%	564	68%	581	70%
Waukee Elementary	750	729	97%	724	97%	731	97%	726	97%	742	99%
Woodland Hills Elementary	750	610	81%	641	85%	678	90%	726	97%	777	104%
<b>K-5th Elementary School Sum</b>	<b>8,400</b>	<b>6,527</b>	<b>78%</b>	<b>6,670</b>	<b>79%</b>	<b>6,841</b>	<b>81%</b>	<b>6,935</b>	<b>83%</b>	<b>6,984</b>	<b>83%</b>

Source: RSP & Associates SFM 2023/24

12/4/2023

Revised Recommended Proposal Secondary	Building Capacity:	2024/25		2025/26		2026/27		2027/28		2028/29	
		#	%	#	%	#	%	#	%	#	%
Timberline Middle School	1,000	966	97%	818	82%	953	95%	1,000	100%	1,057	106%
Waukee Middle School	1,000	976	98%	912	91%	811	81%	784	78%	727	73%
Waukee North Middle School	1,000	0	0%	806	81%	897	90%	937	94%	977	98%
Waukee South Middle School	1,000	1,065	107%	891	89%	901	90%	948	95%	982	98%
Trailridge School	1,000	730	73%	601	60%	612	61%	586	59%	600	60%
airievew School	1,000	554	55%	485	49%	514	51%	622	62%	660	66%
Waukee High School	2,000	1,387	69%	1,437	72%	1,467	73%	1,537	77%	1,681	84%
Waukee NW High School	2,000	1,616	81%	1,691	85%	1,793	90%	1,871	94%	1,893	95%
<b>6-8th Middle School Sum</b>	<b>4,000</b>	<b>3,007</b>	<b>75%</b>	<b>3,427</b>	<b>86%</b>	<b>3,562</b>	<b>89%</b>	<b>3,669</b>	<b>92%</b>	<b>3,743</b>	<b>94%</b>
<b>9th Grade Center Sum</b>	<b>2,000</b>	<b>1,284</b>	<b>64%</b>	<b>1,086</b>	<b>54%</b>	<b>1,126</b>	<b>56%</b>	<b>1,208</b>	<b>60%</b>	<b>1,260</b>	<b>63%</b>
<b>10-12th High School Sum</b>	<b>4,000</b>	<b>3,003</b>	<b>75%</b>	<b>3,128</b>	<b>78%</b>	<b>3,260</b>	<b>82%</b>	<b>3,408</b>	<b>85%</b>	<b>3,574</b>	<b>89%</b>
<b>6-12th Secondary Sum</b>	<b>10,000</b>	<b>7,294</b>	<b>73%</b>	<b>7,641</b>	<b>76%</b>	<b>7,948</b>	<b>79%</b>	<b>8,285</b>	<b>83%</b>	<b>8,577</b>	<b>86%</b>

Source: RSP & Associates SFM 2023/24

12/4/2023

Note: Orange shading indicates when projected enrollment exceeds building capacity.

Elementary projections are based on exceptions of current students in designated areas (see map):

- Maple Grove: Current 4<sup>th</sup> grade student continue at Sugar Creek Elementary; Walnut Hills: Current 4<sup>th</sup> grade students continue at Radiant Elementary; and Grant Ragan: Current 4<sup>th</sup> grade students continue at Radiant Elementary

Secondary projections are based on exceptions of current students in designated areas (see map):

- Exception to North Feeder: Current 6<sup>th</sup> to 11<sup>th</sup> grade students (and younger siblings); Exception to Timberline School: Current 4<sup>th</sup> to 5<sup>th</sup> grade students; Exception to North Middle School: Current 5<sup>th</sup> to 7<sup>th</sup> grade students





# Exceptions - More Information

- Exceptions apply only to current families as of fall 2023 (new families who move into the District must follow established boundaries)
- If a family receiving an exception moves within the district, the family will now follow the boundaries for the new home
- Exceptions will be honored as long as the current boundary map is in existence. When/if the boundary map changes in 5+ years, the exceptions will be re-evaluated at the same time.



# Exceptions - Continued

- Transportation will continue to be provided for current 6th-11th graders in the exception areas (for whom we're already providing transportation).
- Transportation will not be provided for students currently in grades 5 and under who utilize any exception.



# Recommended Proposal: Student Impact Analysis

Recommended Proposal: Student Impacted in Boundary Change (SIBC)	Brookview	Eason	Grant Ragan	Maple Grove	Radiant	Shuler	Sugar Creek	Walnut Hills	Waterford	Waukee	Woodland Hills	Total K-4 SIBC	Percent SIBC
Brookview Elementary												0	0%
Eason Elementary												0	0%
Grant Ragan Elementary												0	0%
Maple Grove Elementary												0	0%
Radiant Elementary			8					153	347			508	79%
Shuler Elementary												0	0%
Sugar Creek Elementary				91								91	16%
Walnut Hills Elementary												0	0%
Waukee Elementary												0	0%
Woodland Hills Elementary												0	0%
K-4th Grade Total Impact:	0	0	8	91	0	0	0	153	347	0	0	599	12%

Source: Waukee Community School District, 2023/24

## Main Takeaway:

- 599 students impacted in Recommended Proposal boundary adjustment – 12% of current K-4 population
- Radiant is the highest impacted school with 500 students being reassigned to Grant Ragan ES, Walnut Hills ES, and Waterford ES

## Main Takeaway:

Recommended Proposal prioritizes relieving Radiant Elementary while minimally impacting other schools.

# Recommended Proposal: Demographic Analysis

Recommended Proposal: Elementary **2023/24 student data	Student Demographic Percentages									K-5 Student Total
	Asian	Black	Hispanic	Native American	Pacific	Two or More	White	FRL	ELL	
Brookview Elementary	14.6%	10.6%	7.6%	0.3%	0.0%	5.3%	61.6%	24.6%	10.0%	643
Eason Elementary	4.7%	15.6%	8.7%	0.3%	0.0%	6.1%	64.6%	33.8%	11.9%	622
Grant Ragan Elementary	7.1%	7.4%	9.5%	0.3%	0.1%	6.1%	69.4%	27.9%	11.0%	674
Maple Grove Elementary	11.8%	16.9%	9.1%	0.0%	0.0%	5.8%	56.4%	33.1%	9.5%	550
Radiant Elementary	10.6%	16.7%	6.7%	0.6%	1.7%	7.2%	56.7%	34.4%	9.4%	180
Shuler Elementary	6.3%	3.8%	3.3%	0.2%	0.2%	5.0%	81.4%	8.5%	3.1%	639
Sugar Creek Elementary	11.5%	7.5%	7.3%	0.0%	0.0%	5.2%	68.6%	15.1%	9.5%	576
Walnut Hills Elementary	6.0%	4.2%	5.2%	0.0%	0.0%	5.3%	79.4%	7.5%	3.8%	771
Waterford Elementary	9.2%	4.5%	4.0%	0.0%	0.0%	2.8%	79.5%	11.1%	5.9%	424
Waukee Elementary	5.6%	7.1%	9.3%	0.1%	0.0%	8.9%	69.0%	25.1%	4.8%	709
Woodland Hills Elementary	18.3%	10.0%	4.7%	0.4%	0.0%	5.6%	61.0%	24.3%	12.5%	569
Total (K-5):	9.3%	8.9%	7.0%	0.2%	0.1%	5.8%	68.9%	21.4%	8.1%	6,357

Source: RSP and Waukee Community School District, 2023/24 student data

Percentages and K-5 total are for the 2024/25 Recommended Proposal

Notes:

1. Green shading indicates when demographic percentages decrease by more than 5% from the current zones

2. Orange shading indicates when demographic percentages increase by more than 5% from the current zones

Recommended Proposal: Secondary **2023/24 student data	Student Demographic Percentages									6-12 Student Total
	Asian	Black	Hispanic	Native American	Pacific	Two or More	White	FRL	ELL	
Timberline Middle School	11.4%	5.4%	6.2%	0.0%	0.1%	6.5%	70.4%	20.9%	3.9%	874
Waukee Middle School	6.7%	5.2%	7.9%	0.0%	0.0%	5.2%	75.1%	17.5%	3.3%	659
Waukee North Middle School	7.1%	5.7%	5.3%	0.2%	0.0%	5.3%	76.4%	11.2%	1.4%	662
Waukee South Middle School	8.7%	12.3%	10.0%	0.2%	0.1%	7.0%	61.7%	29.7%	5.3%	888
Trailridge School	8.5%	5.0%	5.9%	0.0%	4.0%	0.0%	76.5%	11.8%	2.4%	422
Prairieview School	7.2%	10.4%	7.5%	0.2%	6.6%	0.2%	67.9%	25.3%	3.2%	557
Waukee High School	8.4%	9.4%	8.1%	0.3%	7.0%	0.1%	66.8%	25.1%	4.5%	1,688
Waukee NW High School	4.9%	4.8%	6.9%	0.3%	5.3%	0.1%	77.7%	16.2%	2.4%	1,194
Total (6-12):	7.8%	7.5%	7.4%	0.2%	3.4%	2.8%	70.9%	20.8%	3.5%	6,944

Source: RSP and Waukee Community School District, 2023/24 student data

Percentages and 6-12 total are for the 2025/26 Recommended Proposal.

Notes:

1. Green shading indicates when demographic percentages decrease by more than 5% from the current zones

2. Orange shading indicates when demographic percentages increase by more than 5% from the current zones

## Observations:

- Radiant ES demographics are impacted the most as Waterford ES comes online (total students reduced to 180)
- Radiant ES increased by more than 5% in Black student population and decreased by more than 5% in white student population
- Free & Reduced lunch percentages also shift by more than 5% at Maple Grove ES and Radiant ES

## Main Takeaway:

Currently, Maple Grove has the highest FRL percentage (38.9%)

In Recommended Proposal, Radiant becomes the school with the highest FRL percentage (34.4%)

This is due to Radiant reducing the total number of students significantly.

# Recommended Proposals

Student Phase-In Plans



# Phasing In Plan (Brookview and Eason)

Phasing In Plan (No Exception Areas in Brookview and Eason)					
Grade	Year				
	2024/25	2025/26	2026/27	2027/28	2028/29
K					
1					Waukee South MS
2				Waukee South MS	Waukee South MS
3			Waukee South MS	Waukee South MS	Waukee South MS
4		Waukee South MS	Waukee South MS	Waukee South MS	Prairieview 9th grade
5	Waukee South MS	Waukee South MS	Waukee South MS	Prairieview 9th grade	Waukee HS
6	Waukee South MS	Waukee South MS	Prairieview 9th grade	Waukee HS	Waukee HS
7	Timberline MS	Prairieview 9th grade	Waukee HS	Waukee HS	Waukee HS
8	Timberline MS	Waukee HS	Waukee HS	Waukee HS	
9	Waukee HS	Waukee HS	Waukee HS		
10	Waukee HS	Waukee HS			
11	Waukee HS				
12					

Source: RSP and Waukee Community School District

# Phasing In Plan (Maple Grove)

Phasing In Plan (No Exception Areas in Maple Grove)					
Grade	Year				
	2024/25	2025/26	2026/27	2027/28	2028/29
K					
1					Waukee South MS
2				Waukee South MS	Waukee South MS
3			Waukee South MS	Waukee South MS	Waukee South MS
4		Waukee South MS	Waukee South MS	Waukee South MS	Prairieview 9th grade
5	Waukee South MS	Waukee South MS	Waukee South MS	Prairieview 9th grade	Waukee HS
6	Waukee South MS	Waukee South MS	Prairieview 9th grade	Waukee HS	Waukee HS
7	Timberline MS	Prairieview 9th grade	Waukee HS	Waukee HS	Waukee HS
8	Timberline MS	Waukee HS	Waukee HS	Waukee HS	
9	Waukee HS	Waukee HS	Waukee HS		
10	Waukee HS	Waukee HS			
11	Waukee HS				
12					

Source: RSP and Waukee Community School District



# Phasing In Plan (Sugar Creek and Woodland Hills)

Phasing In Plan (No Exception Areas in Sugar Creek and Woodland Hills)					
Grade	Year				
	2024/25	2025/26	2026/27	2027/28	2028/29
K					
1					Timberline MS
2				Timberline MS	Timberline MS
3			Timberline MS	Timberline MS	Timberline MS
4		Timberline MS	Timberline MS	Timberline MS	Prairieview 9th grade
5	Waukee South MS	Timberline MS	Timberline MS	Prairieview 9th grade	Waukee HS
6	Waukee South MS	Timberline MS	Prairieview 9th grade	Waukee HS	Waukee HS
7	Timberline MS	Prairieview 9th grade	Waukee HS	Waukee HS	Waukee HS
8	Timberline MS	Waukee HS	Waukee HS	Waukee HS	
9	Waukee HS	Waukee HS	Waukee HS		
10	Waukee HS	Waukee HS			
11	Waukee HS				
12					

Source: RSP and Waukee Community School District

# Phasing In Plan (Grant Ragan and Shuler)

Phasing In Plan (No Exception Areas in Grant Ragan and Shuler)					
Grade	Year				
	2024/25	2025/26	2026/27	2027/28	2028/29
K					
1					Waukee MS
2				Waukee MS	Waukee MS
3			Waukee MS	Waukee MS	Waukee MS
4		Waukee MS	Waukee MS	Waukee MS	Trailridge 9th grade
5	Waukee MS	Waukee MS	Waukee MS	Trailridge 9th grade	Waukee NW HS
6	Waukee MS	Waukee MS	Trailridge 9th grade	Waukee NW HS	Waukee NW HS
7	Waukee MS	Trailridge 9th grade	Waukee NW HS	Waukee NW HS	Waukee NW HS
8	Prairieview 9th grade	Waukee NW HS	Waukee NW HS	Waukee NW HS	
9	Waukee NW HS	Waukee NW HS	Waukee NW HS		
10	Waukee NW HS	Waukee NW HS			
11	Waukee NW HS				
12					

Source: RSP and Waukee Community School District

# Phasing In Plan (Waukee) – No Secondary Exceptions

Phasing In Plan (For students NOT eligible for Exception Plan)					
Grade	Year				
	2024/25	2025/26	2026/27	2027/28	2028/29
K					
1					Timberline MS
2				Timberline MS	Timberline MS
3			Timberline MS	Timberline MS	Timberline MS
4		Timberline MS	Timberline MS	Timberline MS	Prairieview 9th grade
5	Waukee South MS	Timberline MS	Timberline MS	Prairieview 9th grade	Waukee HS
6	Waukee South MS	Timberline MS	Prairieview 9th grade	Waukee HS	Waukee HS
7	Timberline MS	Prairieview 9th grade	Waukee HS	Waukee HS	Waukee HS
8	Timberline MS	Waukee HS	Waukee HS	Waukee HS	
9	Waukee HS	Waukee HS	Waukee HS		
10	Waukee HS	Waukee HS			
11	Waukee HS				
12					

Source: RSP and Waukee Community School District



# Phasing In Plan (Waukee) – Secondary Exceptions

Phasing In Plan (For students eligible for Exception Plan)					
Grade	Year				
	2024/25	2025/26	2026/27	2027/28	2028/29
K					
1					Waukee North MS
2				Waukee North MS	Waukee North MS
3			Waukee North MS	Waukee North MS	Waukee North MS
4		Waukee North MS	Waukee North MS	Waukee North MS	Trailridge 9th grade
5	Trailridge MS	Waukee North MS	Waukee North MS	Trailridge 9th grade	Waukee NW HS
6	Trailridge MS	Waukee North MS	Trailridge 9th grade	Waukee NW HS	Waukee NW HS
7	Trailridge MS	Trailridge 9th grade	Waukee NW HS	Waukee NW HS	Waukee NW HS
8	Prairieview 9th grade	Waukee NW HS	Waukee NW HS	Waukee NW HS	
9	Waukee NW HS	Waukee NW HS	Waukee NW HS		
10	Waukee NW HS	Waukee NW HS			
11	Waukee NW HS				
12					

Source: RSP and Waukee Community School District

# Phasing In Plan (Radiant, Waterford, and Walnut Hills)

Phasing In Plan (No Exception Areas in Radiant, Waterford, and Walnut Hills)					
Grade	Year				
	2024/25	2025/26	2026/27	2027/28	2028/29
K					
1					Waukee North MS
2				Waukee North MS	Waukee North MS
3			Waukee North MS	Waukee North MS	Waukee North MS
4		Waukee North MS	Waukee North MS	Waukee North MS	Trailridge 9th grade
5	Trailridge MS	Waukee North MS	Waukee North MS	Trailridge 9th grade	Waukee NW HS
6	Trailridge MS	Waukee North MS	Trailridge 9th grade	Waukee NW HS	Waukee NW HS
7	Trailridge MS	Trailridge 9th grade	Waukee NW HS	Waukee NW HS	Waukee NW HS
8	Prairieview 9th grade	Waukee NW HS	Waukee NW HS	Waukee NW HS	
9	Waukee NW HS	Waukee NW HS	Waukee NW HS		
10	Waukee NW HS	Waukee NW HS			
11	Waukee NW HS				
12					

Source: RSP and Waukee Community School District



# Questions?