

# Boundary Presentation November 27, 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**



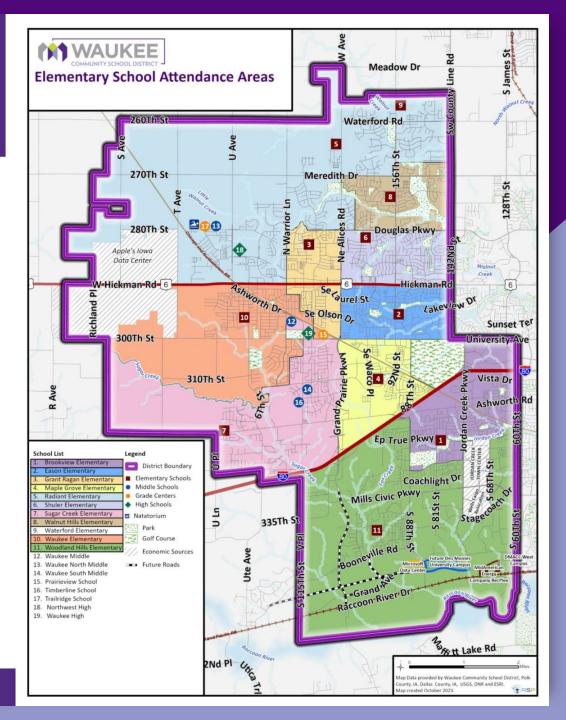
- Facility Optimization to the Extent Possible
- Limited Exceptions
- Longevity of the Plan

## Elementary **Boundary Map**

#### **Map Details**

- District Boundary: Purple Line
- **Elementary School: Solid Colors** 
  - **Brookview Elementary**
  - **Eason Elementary**

  - **Maple Grove Elementary**
  - **Radiant Elementary**
  - **Shuler Elementary**
  - **Sugar Creek Elementary**
  - **Walnut Hills Elementary**
  - Waterford Elementary (#9) opens 9. 2024/25, Boundary TBD
  - **Waukee Elementary**
  - **Woodland Hills**



## Themes From Feedback





## **Sources: Emails and Town Halls**

- 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

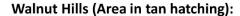
#### **Boundary Description:**

- Waterford boundary establish east of 170<sup>th</sup> St (Alice's Rd) and Meredith Dr
- 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 4th grade students are eligible for exception to continue at Sugar Creek **Elementary School** 

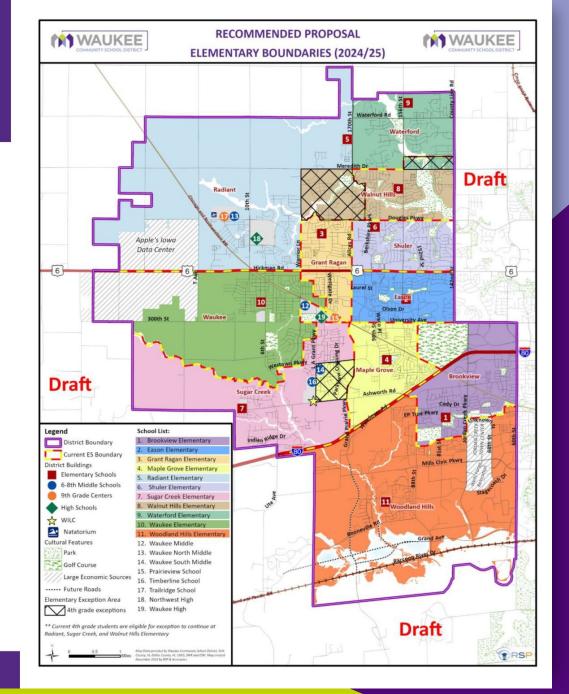


Current 4th grade students are eligible for exception to continue at Radiant Elementary School

Waterford (Area in green hatching):

Current 4th grade students are eligible for exception to continue at Walnut Hills **Elementary School** 

Note: Transportation will not be provided for students utilizing the exception.



## Recommended Proposal: Elementary to Secondary Feeder

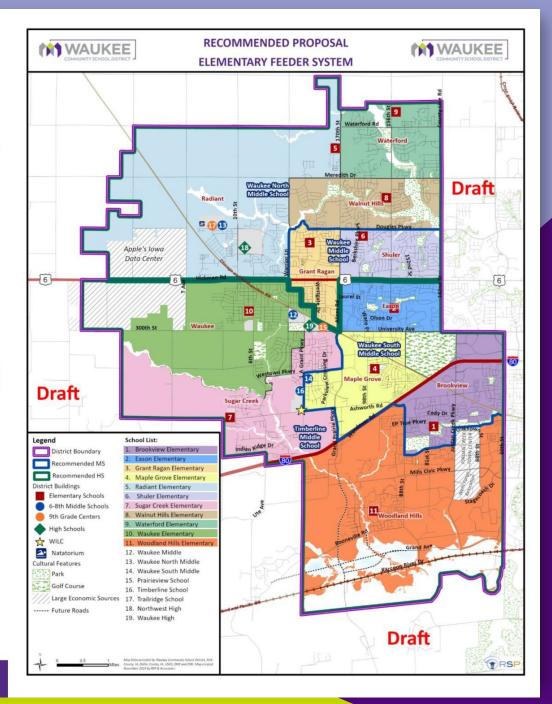
#### **Recommended Proposal: Feeder System**

Waukee Northwest High School									
Trailridge 9 <sup>th</sup> Grade Center									
Waukee North MS	Waukee MS								
Waterford ES	Grant Ragan ES								
Walnut Hills ES	Shuler ES								
Radiant ES									

Waukee High School								
Prairieview 9 <sup>th</sup> Grade Center								
Timberline MS	Timberline MS Waukee South MS							
Sugar Creek ES	Brookview ES							
Woodland Hills ES Eason 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:**

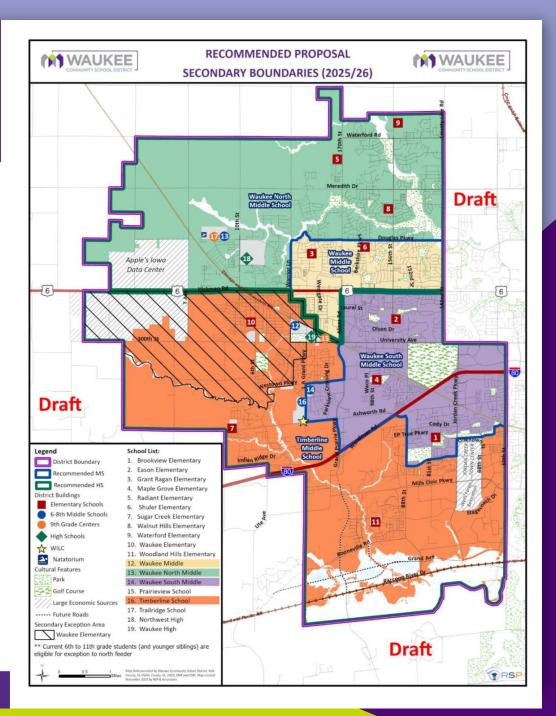
Secondary boundaries were updated to reflect proposed elementary boundaries



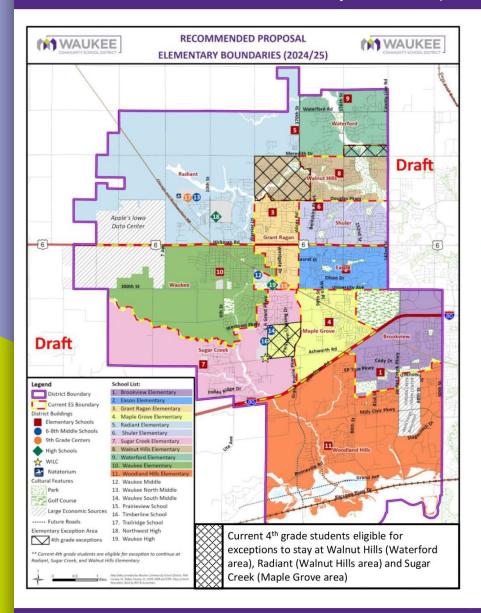
#### **Waukee Exception Recommendation** (Area in orange and black stripes):

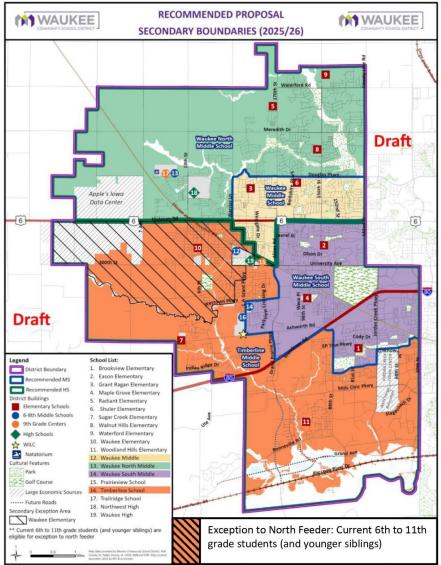
Current 6th to 11th grade students (and their younger siblings) are eligible for exception to continue at Trailridge Middle School and Waukee Northwest High School

Note: Transportation will not be provided for students utilizing the exception.



#### Recommended Proposal (side-by-side):





#### Recommended Proposal: Projection Tables

#### **Main Takeaway:**

- Waterford FS comes online and increased from 60% to 76% utilization
- Walnut Hills ES decreases from 91% to 81% utilization
- Radiant ES increased from 46% to 99% 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	Building	2024	4/25	202	5/26	2026	6/27	202	7/28	2028	8/29
Proposal Elementary	Capacity:	#	%	#	%	#	%	#	%	#	%
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	651	87%	645	86%	646	86%	634	85%	612	82%
Maple Grove Elementary	750	439	59%	622	83%	663	88%	679	91%	686	91%
Radiant Elementary	750	347	46%	438	58%	556	74%	656	87%	745	99%
Shuler Elementary	750	598	80%	553	74%	520	69%	489	65%	475	63%
Sugar Creek Elementary	825	747	91%	627	76%	649	79%	658	80%	631	76%
Walnut Hills Elementary	750	682	91%	672	90%	634	85%	627	84%	608	81%
Waterford Elementary	825	493	60%	554	67%	593	72%	609	74%	626	76%
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%
K-5th Elementary School Sum	8,400	6,526	78%	6,671	79%	6,842	81%	6,934	83%	6,986	83%

Source: RSP & Associates SFM 2023/24

11/20/2023

Revised Recommended	Building	2024	4/25	202	5/26	2026	6/27	202	7/28	2028	8/29
Proposal Secondary	Capacity:	#	%	#	%	#	%	#	%	#	%
Timberline Middle School	1,000	966	97%	780	78%	915	92%	981	98%	1,057	106%
Waukee Middle School	1,000	968	97%	896	90%	792	79%	759	76%	702	70%
Waukee North Middle School	1,000	0	0%	821	82%	916	92%	962	96%	1,001	100%
Waukee South Middle School	1,000	1,065	107%	929	93%	939	94%	967	97%	982	98%
Trailridge School	1,000	738	74%	601	60%	612	61%	586	59%	600	60%
Prairieview 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%
6-8th Middle School Sum	4,000	2,999	75%	3,426	86%	3,562	89%	3,669	92%	3,742	94%
9th Grade Center Sum	2,000	1,292	65%	1,086	54%	1,126	56%	1,208	60%	1,260	63%
10-12th High School Sum	4,000	3,003	75%	3,128	78%	3,260	82%	3,408	85%	3,574	89%
6-12th Secondary Sum	10,000	7,294	73%	7,640	76%	7,948	79%	8,285	83%	8,576	86%

Source: RSP & Associates SFM 2023/24

11/22/2023

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 Waterford: Current 4th grade students continue at Walnut Hills Elementary

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

Current 6th to 11th grade students (and younger siblings) continue to north feeder



## **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.

#### 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								153	347			500	78%
Shuler Elementary												0	0%
Sugar Creek Elementary				91								91	16%
Walnut Hills Elementary									44			44	10%
Waukee Elementary												0	0%
Woodland Hills Elementary										·		0	0%
K-4th Grade Total Impact:	0	0	0	91	0	0	0	153	391	0	0	635	12%

Source: Waukee Community School District, 2023/24

#### **Main Takeaway:**

- 635 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 Walnut Hills ES and Waterford ES
- There are double moves for Walnut Hills students are moved out of a boundary (to Waterford ES) while other students move into the boundary (from Radiant ES)

#### **Main Takeaway:**

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

#### Recommended Proposal: Demographic Analysis

Recommended Proposal:			St	udent Dem	ographic	Percentag	es	141		K-5
Elementary				Native		Two or				Student
**2023/24 student data	Asian	Black	Hispanic	American	Pacific	More	White	FRL	ELL	Total
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	7.2%	7.4%	9.6%	0.3%	0.2%	6.2%	69.2%	27.9%	11.1%	666
Maple Grove Elementary	11.8%	16.9%	9.1%	0.0%	0.0%	5.8%	56.4%	33.1%	9.5%	550
Radiant Elementary	10.1%	16.5%	6.4%	0.5%	1.6%	6.9%	58.0%	34.0%	9.0%	188
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	6.3%	4.3%	5.3%	0.0%	0.0%	4.9%	79.2%	7.8%	4.0%	718
Waterford Elementary	8.4%	4.2%	4.0%	0.0%	0.0%	3.8%	79.7%	10.3%	5.2%	477
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

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

Recommended Proposal:			St	udent Dem	ographic	Percentag	es			6-12
Secondary				Native		Two or				Student
**2023/24 student data	Asian	Black	Hispanic	American	Pacific	More	White	FRL	ELL	Total
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%	7.8%	0.0%	0.0%	5.2%	75.1%	17.6%	3.1%	654
Waukee North Middle School	7.0%	5.7%	5.4%	0.1%	0.0%	5.2%	76.5%	11.1%	1.6%	667
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.

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

#### **Observations:**

- Radiant ES demographics are impacted the most as Waterford ES comes online (total students reduced to 188)
- Radiant ES increased by more than 5% in Black student population and decreased by more than 5% in white student population
- o Free & Reduced lunch percentages also shift by more then 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 (34.0%)

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

## Recommended

Proposals Student mase-in Plans



## Phasing In Plan (Brookview and Eason)

	Phasing In Plan (No Exception Areas in Brookview and Eason)											
Grade			Year									
Graue	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												

## Phasing In Plan (Maple Grove)

		Phasing In Plan (No	Exception Areas in Map	le Grove)	
Grade			Year		
Grade	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					

### Phasing In Plan (Sugar Creek and Woodland Hills)

	Phasi	ng In Plan (No Exception	n Areas in Sugar Creek a	nd Woodland Hills)	
Grade			Year		
Grade	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					

### Phasing In Plan (Grant Ragan and Shuler)

	Р	hasing In Plan (No Exce	ption Areas in Grant Rag	an and Shuler)	
Grade			Year		
Graue	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					

### Phasing In Plan (Waukee) – No Secondary Exceptions

		Phasing In Plan (For stud	lents NOT eligible for Ex	cception Plan)	
Grade			Year		
Grade	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					

### 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								

## 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								

## **Questions?**

