

Full Day Kindergarten Exploration

Committee of the Whole
September 2021



Full Day Kindergarten Exploration

- A service to our community
- Current FDK for at-risk populations
 - Bilingual/EL Extended Day
 - Early Childhood Kgtn with IEP needs
- 2017 Information
 - 60% D25 families wanted FDK if
 - Sustainable
 - Held at home schools
 - All K students could attend
 - No tax increase
 - Research: Academic Impact
 - Kgtn year growth
 - 3rd grade leveling
 - Achievement Gap

Full Day Kindergarten Exploration

What direction would the Board like us to research further?

Full Day Kindergarten Considerations

Curriculum

What additional curriculum will Kindergarten students receive?

Staffing and Personnel

Staffing considerations based on final model of all day Kindergarten

Space Needs

Neighborhood based or centralized Kindergarten center?

Continuing Operations

Operational costs and considerations with options presented.

Background Information

District 25

Rand School (Tenant: Futabakai 2028 24 month termination)

Greenbrier Elementary

Ivy Hill Elementary

Patton Elementary

Thomas Middle School

Olive-Mary Stitt Elementary

Miner School

(Tenants: NSSEO 2027 18 month termination) (AMT 2028 12 month termination)

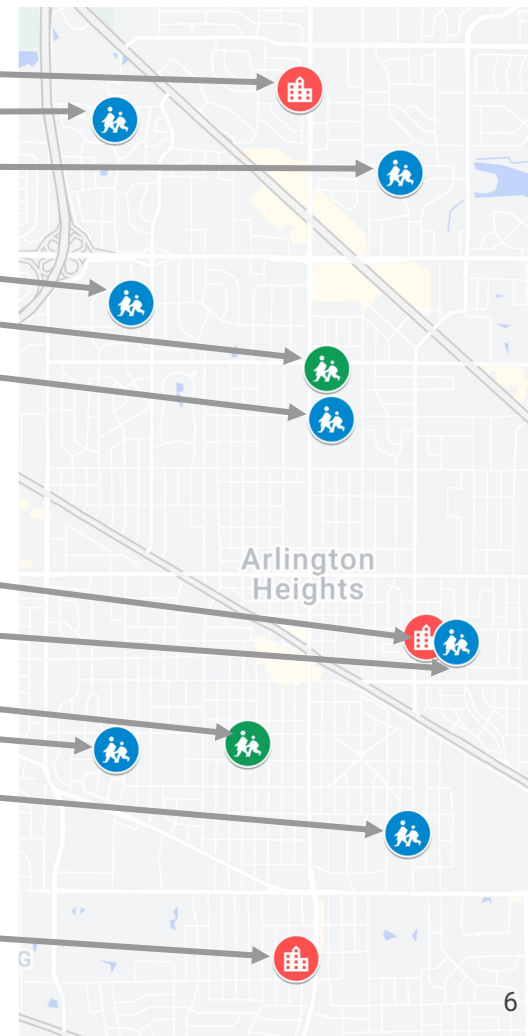
Windsor Elementary School

South Middle School

Westgate Elementary School

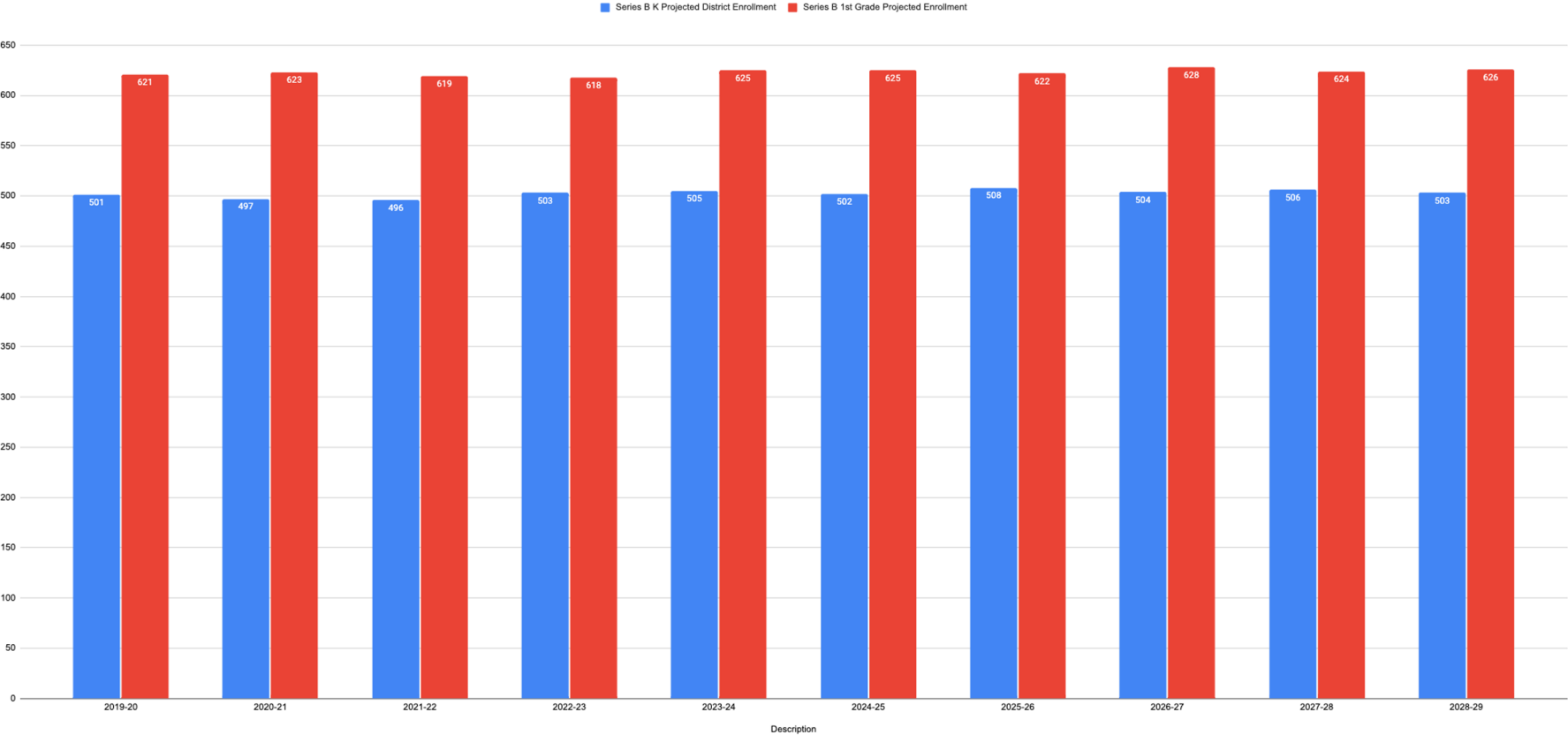
Dryden Elementary School

Dunton Administration Center



Kindergarten and 1st Grade Enrollment Projections

Series B K Projected District Enrollment and Series B 1st Grade Projected Enrollment



Current ½ Day Kindergarten Information

School	Current K Enrollment	Number of Sections	Number of Classrooms Currently Utilized for K	Number of K FTE Teachers
Dryden	70	4	2	2
Greenbrier	40	2	1	1
Ivy Hill	61	3	2	1.5
Olive-Mary Stitt	74	4	2	2
Patton	58	3	2	1.5
Westgate	98	5	3	2.5
Windsor	68	4	2	2
District Totals	469	25	14	12.5

K Projection Using Current 1st Grade Full Day Information

School	Potential K Enrollment	Potential Number of Sections / Classrooms Needed	Existing K Classroom Spaces	Potential Available Classrooms at School	Classrooms Short per School <i>(- Indicates Surplus of Rooms)</i>
Dryden	81	4	2	0	2
Greenbrier	38	2	1	1	0
Ivy Hill	69	3	2	3	-2
Olive-Mary Stitt	114	6	2	0	4
Patton	72	4	2	1	1
Westgate	116	6	3	2	1
Windsor	70	4	2	2	-1
District Totals	560	28	14	9	5

**Additional programming, test fits, zoning and other information is needed to verify building capacity for Full Day Kindergarten*

K Projection Using Kasarda 1st Grade Full Day Information

School	Potential K Enrollment	Potential Number of Sections / Classrooms Needed	Existing K Classroom Spaces	Potential Available Classrooms at School	Classrooms Short per School
Dryden	84	4	2	0	2
Greenbrier	53	3	1	1	1
Ivy Hill	113	6	2	3	1
Olive-Mary Stitt	106	6	2	0	4
Patton	78	4	2	1	1
Westgate	95	5	3	2	0
Windsor	96	5	2	2	1
District Totals	625	33	14	9	10

**Additional programming, test fits, zoning and other information is needed to verify building capacity for Full Day Kindergarten*

Student Learning

Half Day vs Full Day Typical Daily Schedule

	Current Half Day	Potential Full Day
Literacy - Reading, Reading Workshop, Writing, Word Study	250 mpw	510 mpw
Math	150 mpw	300 mpw
Specials - Music, Art, PE, LMC	135 mpw	210 mpw
Strategic Academic Time	100 mpw	150 mpw
Recess - Unstructured Play	75 mpw	300 mpw
Flex - Stations, Calendar, Morning Meeting	50 mpw	160 mpw
Arrival/Dismissal	50 mpw	50 mpw
SEL	15 mpw	30 mpw
Science/Social Studies	0 mpw	90 mpw
Lunch	0 mpw	150 mpw

mpw = minutes per week

Student Services

- English Language Resource minutes per week (mpw) may increase from 75-150 mpw to 150 mpw
- Impact on Special Education
 - Instructional Programs at Windsor currently have full-day kindergarten in place
 - Instructional Program at Westgate
 - Currently have two instructional half day kindergarten sections
 - Will need an additional special education teacher in full day model
 - Resource programming
 - Moving to full day model will allow more flexibility for special education teachers and related service staff to schedule service delivery
 - Special education services will not increase in a full day model. Minutes are based on student need not general education instructional minutes
 - Comparing current kindergarten students with first grade students receiving special education services there would not be a significant increase in minutes per week of special education services

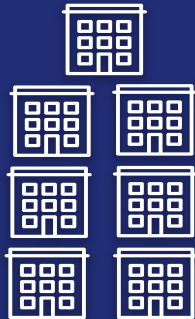
Operational Costs to Consider

- Teachers (approx 21.5 FTE x \$55K)
- Specials Teachers
- Materials/Supplies
- Furniture
- Classroom technology
- Related Services Staff
- Lunch Staff/Recess Supervision
- Custodial Staff

Full Day Kindergarten Location(s)

Neighborhood School

Maintain Kindergarten at
Existing Neighborhood
Elementary Schools



New Kindergarten Center

Build New Kindergarten
Center to Consolidate All
District 25 Kindergarten
Students



Re-Purpose Existing Building(s)

Miner
Dunton
Rand
AH Real Estate



Potential Scenarios

Additions to Neighborhood Schools

Option 1A: Building Additions at All (7) Elementary Schools

- Allows space in building for programmatic flexibility and potential future enrollment increases.

Option 1B: Selective Additions at Existing Elementary Schools

- Rearrange Classrooms to Fill Open Classrooms and Rooms Used for Other Needs at Existing Buildings.
- Additions for Buildings That Require Immediate Expansions
- Operate Remaining Buildings at Near 100% of Classroom Capacity Until Additions are Required

Build New District 25 Consolidated Kindergarten Center

Option 2: Consolidated Kindergarten at A New Building

Renovations to Existing District 25 Real Estate

Option 3A: Consolidated Kindergarten at Dunton w/ Addition

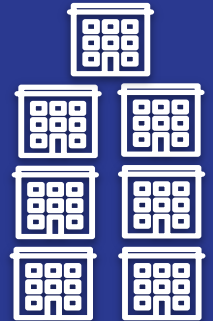
Option 3B: Consolidated Kindergarten at Miner

Option 3C: Consolidated Kindergarten at Rand

Option 3D: Add on to a targeted number of buildings ((2) North and (2) South?) to consolidate Kindergarten.

Option 4: Open Arlington Heights Real Estate??

Option 1A: Building Additions at All (7) Elementary Schools



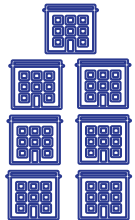
Option 1A: Building Additions at All (7) Elementary Schools

This model projects additional classrooms at each building to maintain building capacity % similar to the current operational level. Allows space in building for programmatic flexibility and potential future enrollment increases.

1. Construction and Renovation Costs Associated with (7) Building Additions
 - Dryden (2 Additional Classrooms Needed)
 - Greenbrier (2 More Classroom needed)
 - Ivy Hill (4 Additional Classrooms Needed)
 - Olive (4 Additional Classrooms Needed)
 - Patton (2 Additional Classroom Needed)
 - Westgate (3 Additional Classroom Needed)
 - Windsor (3 Additional Classrooms Needed)
2. Additional Staffing to Support Full Day Kindergarten
 - Teachers
 - TAs
 - Additional Services (specials, related services, etc)
3. Furniture, Fixtures and Equipment Costs
4. Additional Annual O&M Costs for Utilities, Custodial, and Maintenance

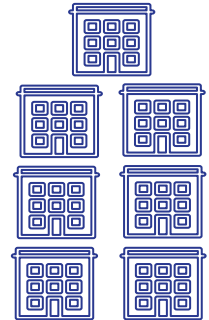
School	Potential K Enrollment	Potential Number of Sections / Classrooms Needed	Existing K Classroom Spaces	Classrooms Short
Dryden	84	4	2	2
Greenbrier	53	3	1	2
Ivy Hill	113	6	2	4
Olive-Mary Stitt	106	6	2	4
Patton	78	4	2	2
Westgate	95	5	3	2
Windsor	96	5	2	3
District Totals	625	33	14	19

**Uses Kasarda 2022-23 1st Grade Full Day Enrollment Projection*

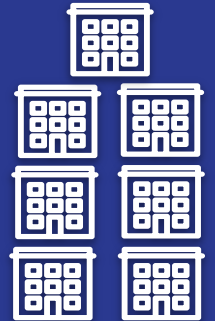


Option 1A: Building Additions at All (7) Elementary Schools

Building	Gross Square Footage Addition	Low End Estimated Cost	High End Estimated Cost
Dyden +2	5,450	\$ 2,245,400	\$ 2,795,850
Greenbrier +2	5,450	\$ 2,245,400	\$ 2,795,850
Ivy Hill +4	10,900	\$ 4,490,800	\$ 5,591,700
Olive-Mary Stitt +4	10,900	\$ 4,490,800	\$ 5,591,700
Patton +2	5,450	\$ 2,245,400	\$ 2,795,850
Westgate +2	5,450	\$ 2,245,400	\$ 2,795,850
Windsor +3	8,100	\$ 3,337,200	\$ 4,155,300
		\$ 21,300,400	\$ 26,522,100
Direct Construction Costs With Fees			
Direct Construction Costs		\$ 21,300,400	\$ 26,522,100
Construction Manager Fees		\$ 1,100,000	\$ 1,325,000
Architect and Engineering Fees		\$ 1,700,000	\$ 2,150,000
Contingency		\$ 2,100,000	\$ 2,600,000
Furniture		\$ 435,000.00	\$ 475,000.00
Estimated ROM Construction Costs		\$ 26,635,400	\$ 33,072,100



Option 1B: Building Additions at Identified Buildings

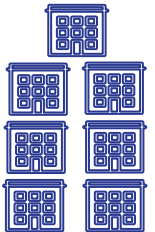


Option 1B: Building Additions at Identified Buildings

1. Construction and Renovation Costs Associated with (7) Building Additions
 - Dryden (2 Additional Classrooms Needed)
 - Greenbrier (1 More Classroom needed)
 - Ivy Hill (1 Additional Classrooms Needed)
 - Olive (4 Additional Classrooms Needed)
 - Patton (1 Additional Classroom Needed)
 - Westgate (0 Additional Classroom Needed)
 - Windsor (1 Additional Classrooms Needed)
2. Additional Staffing to Support Full Day Kindergarten
 - Teachers
 - TAs
 - Additional Services (specials, related services, etc)
3. Furniture, Fixtures and Equipment Costs
4. Additional Annual O&M Costs for Utilities, Custodial, and Maintenance

School	Potential K Enrollment	Potential Number of Sections / Classrooms Needed	Existing K Classroom Spaces	Potential Available Classrooms at School	Classrooms Short per School
Dryden	84	4	2	0	2
Greenbrier	53	3	1	1	1
Ivy Hill	113	6	2	3	1
Olive-Mary Stitt	106	6	2	0	4
Patton	78	4	2	1	1
Westgate	95	5	3	2	0
Windsor	96	5	2	2	1
District Totals	625	33	14	9	10

**Uses Kasarda 2022-23 1st Grade Full Day Enrollment Projection*



Option 1B: Building Additions at Identified Buildings

1B. Construction Costs Rough Order of Magnitude			
Building	Gross Square Footage Addition	Low End Estimated Cost	High End Estimated Cost
Dyden +2	5,450	\$ 2,200,000	\$ 2,800,000
Greenbrier +1	2,725	\$ 1,150,000	\$ 1,400,000
Ivy Hill +1	2,725	\$ 1,150,000	\$ 1,400,000
Olive-Mary Stitt +4	10,900	\$ 4,500,000	\$ 5,600,000
Patton +1	2,725	\$ 1,150,000	\$ 1,400,000
Westgate +0	0	\$ -	\$ -
Windsor +1	2,725	\$ 1,150,000	\$ 1,400,000
		\$ 11,300,000	\$ 14,000,000
Direct Construction Costs With Fees			
Direct Construction Costs		\$ 11,300,000	\$ 14,000,000
Construction Manager Fees		\$ 570,000	\$ 700,000
Architect and Engineering Fees		\$ 950,000	\$ 1,200,000
Contingency		\$ 1,130,000	\$ 1,400,000
Furniture		\$ 250,000.00	\$ 280,000.00
Estimated ROM Construction Costs		\$ 14,200,000	\$ 17,580,000

Estimates Will Get More Accurate as Programming and Scope Development are Better Defined

Option 2: Consolidated Kindergarten at A New Building

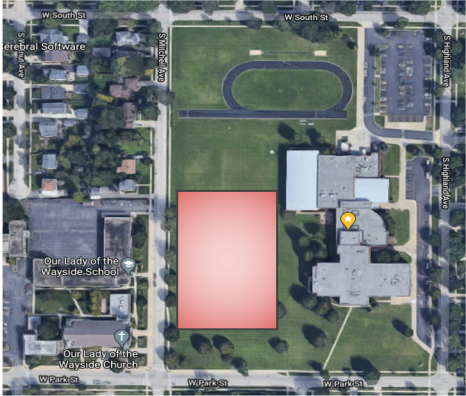


Consolidated Kindergarten Center Test Fit

	25+3 Buffer Classrooms	33+3 Buffer Classrooms
Kindergarten Classroom Size	1,250	1,250
Classroom Total Square Footage	35,000	45,000
Lunch / PE Space	3,000	3,000
Main Office Space	2,500	2,500
LMC Space?	2,500	2,500
Small Group Spaces (8)	2,800	2,800
Art Classroom	1,250	1,250
Music Classroom	1,250	1,250
Offices (PT, OT, Psych, Literacy, etc) (6)	1,350	1,750
Student Public Restrooms	2,500	2,500
Corridors	10,000	12,500
Storage, Custodial, Mechanical	3,200	3,800
Plumbing Chases, Mechanical Spaces, Unusable Space	6,000	6,750
Test Fit Gross Building Square Footage	71,350	85,600
Estimated Construction Cost	\$ 30,250,000	\$ 36,380,000
Furniture Costs	\$ 715,000	\$ 920,000
Estimated Construction Cost + Furniture Costs	\$30,965,000	\$ 37,300,000



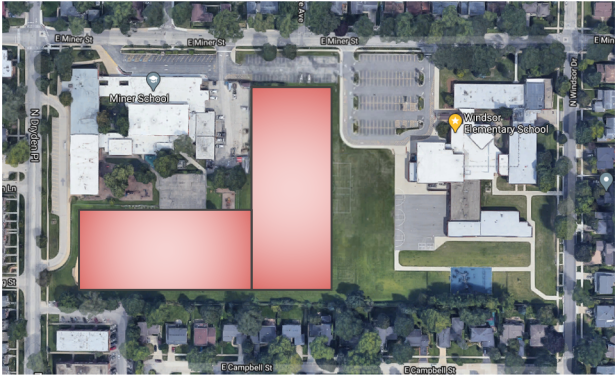
Potential New Construction Locations



South Middle School Property



Dunton Admin. Property



Miner School Property



Option 3A,B,C

Consolidated Kindergarten at Existing AHSD25 Facility



Existing AHSD25 Building Data

3A. Dunton	
Former Elementary School. Current Administration Center.	
Square Footage	32,000
Number of Equivalent Classroom Spaces (Not Standard Kindergarten Sizes)	19
Gym / Lunch Room Space	1
LMC Space	0

1. Short Large Number of Classrooms
2. Existing Classrooms Are Not Typical Kindergarten Room Sizes
3. Front Office Security Renovation Needed
4. Plumbing Upgrades Needed
5. HVAC Upgrades Needed. Existing Building has Systems For Lower Occupancy due to Its Current Use as Office Building.
6. No Fire Sprinkler System
7. Technology Upgrades Needed
8. Interior Renovations to Remove Walls, Update Finishes, etc are Needed
9. No Playground at Building
10. Parking Lot and Sidewalk Upgrades Needed

Dunton ROM Estimate		
	Square Footage	Cost
Renovations Existing	32,000	\$ 9,600,000
New Addition	38,500	\$ 17,325,000
		\$ 26,925,000

3B. Miner	
Formerly a Junior High School	
Square Footage	79,000
Number of Equivalent Classroom Spaces (Not Standard Kindergarten Sizes)	32
Gym / Lunch Room Space	2
LMC Space	1

1. Classroom Quantity Approximately What Is Needed for Full District Kindergarten (+/- Depending on Actual Enrollment)
2. Existing Classrooms Are Not Typical Kindergarten Room Sizes
3. Plumbing Upgrades and Restroom Renovations Needed
4. HVAC Upgrades Needed. Univents Need Replacement and No Air Conditioning in Classrooms.
5. Exterior Windows Need Replacement.
6. No Fire Sprinkler System
7. Technology Upgrades Needed
8. Asbestos Ceiling Systems Need Removal and Replacement
9. Interior Finishes and Lighting Need to Be Upgraded.

Miner ROM Estimate		
	Square Footage	Cost
Renovations Existing	79,000	\$ 23,700,000

3C. Rand	
Formerly a Junior High School	
Square Footage	83,000
Number of Equivalent Classroom Spaces (Not Standard Kindergarten Sizes)	34
Gym / Lunch Room Space	2
LMC Space	1

1. Classroom Quantity Approximately What Is Needed for Full District Kindergarten (+/- Depending on Actual Enrollment)
2. Existing Classrooms Are Not Typical Kindergarten Room Sizes and are Oddly Shaped Hexagons
3. Extensive Plumbing Upgrades and Restroom Renovations Needed
4. Extensive HVAC Upgrades Needed. Univents Need Replacement and No Air Conditioning in Classrooms.
5. Exterior Windows Need Replacement.
6. No Fire Sprinkler System
7. Technology Upgrades Needed
8. Asbestos Flooring, Ceiling Systems Need Removal Replacement
9. Roof System Over Classrooms Needs Replacement
10. Interior Finishes and Lighting Need to Be Upgraded.
11. Extensive Playground Upgrades Needed

Rand ROM Estimate		
	Square Footage	Cost
Renovations Existing	83,000	\$ 26,975,000

Option 3A: Consolidated Kindergarten at Dunton with Addition



Option 3A: Consolidated Kindergarten at Dunton

General Information

1. Currently only 19 smaller full size classrooms (not Kindergarten Sized Classrooms)
 - Need Additional Classrooms + Small Group and Office Space Depending on Actual K Enrollment
2. Construction and Renovation Costs of Existing Dunton Facility
 - Classroom Sizes and Restroom Capacity Not Consistent with Kindergarten Standards
 - Upgrade Finishes to Match Kindergarten Standards
 - Electrical System Upgrades
 - Add Fire Suppression System
 - HVAC System Upgrades for Ventilation, Heating and Cooling
 - New PA System Throughout
 - Technology Installations (Projectors, Network, Clock, etc)
 - New Playground and Asphalt Play Lot
3. New Administration and Support Staff for Stand Alone Kindergarten Center
4. Need to Relocate Appx. 40 Administration and Support Staff to a new location
 - Purchase, Lease, Miner, New Construction
5. Additional Staffing to Support Full Day Kindergarten
 - Teachers
 - TAs
 - Special Education
 - Intervention
 - Additional Services??????
6. Additional Annual O&M Costs for Utilities, Custodial, and Maintenance



Option 3B: Consolidated Kindergarten at Miner



Option 3B: Consolidated Kindergarten at Miner

General Information

1. NSSEO and A Mothers Touch (AMT) Currently Occupy Facility
 - NSSEO Lease Runs Until 2027 w/ 18 month Termination Notice
 - AHSD25 Students Attend NSSEO Miner for Services
 - NSSEO would need to find a new school environment which is currently difficult to acquire
 - AMT Lease Runs Until 2028 w/ 12 month Termination Notice
2. Construction and Renovation Costs of Existing Miner Facility
 - Classroom Sizes and Restroom Capacity Not Consistent with Kindergarten Standards
 - Upgrade Finishes to Match Kindergarten Standards
 - Extensive Electrical System Upgrades
 - Add Fire Suppression System
 - Extensive HVAC System Upgrades for Ventilation, Heating and Cooling
 - New Phone System Throughout
 - New PA System Throughout
 - Technology Installations (Projectors, Network Ports, etc)
 - New Clock System Throughout
 - New Asphalt Play Lot
 - NSSEO Recently Installed a New ~\$500k adaptive playground for their use
3. New Administration and Support Staff for Stand Alone Kindergarten Center
4. Additional Staffing to Support Full Day Kindergarten
 - Teachers
 - TAs
 - Additional Services??????
5. Additional Annual O&M Costs for Utilities, Custodial, and Maintenance



Option 3C: Consolidated Kindergarten at Rand



Option 3B: Consolidated Kindergarten at Rand

General Information

1. Futabakai Currently Occupies Facility
 - Futabakai Lease Runs Until 2028 with 24 month termination
 - Futabakai would need to find a new school environment which is currently difficult to acquire
2. Construction and Renovation Costs of Existing Rand Facility
 - Classroom Sizes and Restroom Capacity Not Consistent with Kindergarten Standards
 - Upgrade Finishes to Match Kindergarten Standards
 - Electrical System Upgrades - Complete Overhaul
 - Add Fire Suppression System - New System
 - HVAC System Upgrades for Ventilation, Heating and Cooling
 - New Phone System Throughout
 - New PA System Throughout
 - Technology Installations (Projectors, Network Ports, etc)
 - New Clock System Throughout
 - New Asphalt Play Lot
 - Roofing Replacements
 - Masonry Tuckpointing and Extensive Restoration
3. Additional Staffing to Support Full Day Kindergarten
 - Teachers
 - TAs
4. Additional Annual O&M Costs for Utilities, Custodial, and Maintenance



Summary

Additions to Neighborhood Schools

Option 1A: Building Additions at All (7) Elementary Schools	\$26M - \$33M
Option 1B: Selective Additions at Existing Elementary Schools	\$14M - 17.5M

Build New District 25 Consolidated Kindergarten Center

Option 2: Consolidated Kindergarten at A New Building	\$30M - \$37M
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Renovations to Existing District 25 Real Estate

Option 3A: Consolidated Kindergarten at Dunton w/ Addition	\$26.92M
Option 3B: Consolidated Kindergarten at Miner	\$23.7M
Option 3C: Consolidated Kindergarten at Rand	\$26.97M
Option 3D: Add on to a targeted number of buildings ((2) North and (2) South?) to consolidate Kindergarten.	??

Option 4: Open Arlington Heights Real Estate??	??
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Baseline Building Addition or New Construction Timeline

Task Name	Start	Finish	2021				2022				2023				2024			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
+ Board of Education Review Process	09/02/21	01/19/22																
+ Feasibility / Design / Bid Process	10/01/21	08/18/22																
+ Village Approval Process	04/21/22	09/01/22																
+ Construction	09/02/22	05/02/24																
Turn Over / Move In	05/03/24	07/04/24																
2022 Appx Start of School	08/20/22	08/20/22	◆						◆									
2023 Appx Start of School	08/20/23	08/20/23	◆										◆					
2024 Appx. Start of School	08/20/24	08/20/24	◆														◆	



Kindergarten Decision Steps

WRITE YOUR SUBTITLE HERE



Next Steps

? Community Survey

- Parents
- Tax Payers

? Format

- Additions at Elementary Schools
- Kindergarten Center

? Cost Range Comfort

- Funding Options
 - Rate Increase
 - Combination:
 - Debt Service for Construction
 - Other for Operating Costs

? Instructional Goals

? Other Goals

