

Wissahickon School District
Ambler, PA 19002

FINANCE COMMITTEE

AGENDA

February 21, 2017

5:30 pm

Administration Building – Board Room

1. Discussion of Facilities Master Plan
2. Resolution – Parameters for Bond Sale

Wissahickon School District Facilities Master Plan



February 21, 2017

Facilities Master Plan

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Note: The Overall Prioritization will be presented after review of Board and Community comments. The Exhibits will be presented at the Feb. 21st, Finance Meeting.



Wissahickon School District Facilities Master Plan

February 2017



Introduction

It is imperative for a school district to not only craft a plan to protect and preserve the investment that the community has made in its schools, but to also plan for the future. This Facilities Master Plan is intended to capture both critical pieces of the planning process and to serve as a roadmap for both ongoing and future discussions about the district's facilities and how they mesh with the community's expectations for its schools.

In the pages that follow, we have attempted to gather input from a wide variety of sources, and we purposely included "big picture" frameworks (such as the often subjective building summary pages) along with detailed analyses, where appropriate (such as the various exhibits). We spent a great deal of time meeting with educational leaders from across the district, and created a public comment period for community input as well.

Throughout this process, two essential questions were kept at the forefront of every discussion:

1. Do our buildings meet the needs of 21st century learners?
2. What is the typical life of a school building before it needs to be replaced?

The first question is more easily answered, and throughout the individual building pages are observations about strengths and weaknesses of each facility, the latter of which can become candidates for attention in the near future. As to the second question, it is very difficult to generalize and after careful consideration of the age and condition of our schools, this Master Plan does not call for the replacement of any building in the near future. However, as a building's core systems (HVAC, windows, roof, etc.) become in need of major repair/replacement, it can be the case that it is prudent fiscal decision-making to replace the structure rather than put more money into an excessively aging building. While none of our schools are, at this time, near that point, it is a consideration to keep in mind for the next iteration of this report down the road.

Wissahickon High School

Constructed in 1963
Addition in 1974, 1999
Limited Renovation 1999
Total Square Footage: 314,000 Sq. Ft.
Total Site Acreage: 77AC
Steel and Brick/Concrete Frame Construction
Tri-level structure
76 Classrooms, averaging 820 Sq. Ft.
Notable: Natural lighting in 60% of classrooms.
Durable Terrazzo floors covering 40% of corridors.
Secure visitors entrance. Building floorplan generally inefficient. Excess parking available.



Improvements Needed/ Educational Enhancements:

1. Fabrication Lab (Fab-Lab/ Maker Space)
2. Library to a Media Lab/Distance Learning Space
3. Black Box Theater
4. Lower Cafeteria modernization
5. Athletic Task Force Recommendations (see attached)
6. Plate glass exterior windows are not energy efficient

5 Year Capital Maintenance Plan

2017-2018

- Carpet/VCT Replacement - \$250,000

2018-2019

- Round Gym Floor Replacement - \$235,000
- Dome Gym Roof Replacement - \$176,000
- Paint Building Interior - \$90,000
- Upgrade ATC System - \$280,000

2019-2020

- Partial Roof Replacement - \$5,833,000
- Paint Building Interior - \$90,000

2020-2021

- Fire Alarm Replacement - \$520,000

Anticipated Facility Maintenance Needs Beyond 5 Years: (Over \$1M)

1. Partial Roof Replacement 1974 wing, 6yrs, \$1.5M
2. HVAC air handling equipment 10yrs, \$5.5M
3. Energy efficiency upgrades. Insulation and Windows. \$1.8M

Facility "Shortcomings" or Limitations

1. Tri-level building, difficult to navigate during class changes.
2. 1974 wing, classrooms do not have windows
3. Large unproductive library space
4. Two separate food service areas – inefficient and school management limitation
5. Not strong engineering or architectural wise
6. 50+ year old main and branch sewer lines

Summary: This is our most challenging building. Architectural plans exist for new construction in phases for several parts of the existing building. These plans would pivot off the new Central Plant located between the Round Gym and new Natatorium.

Wissahickon Middle School

Constructed in 1974
Addition in 1991
Total Square Footage: 182,000 Sq. Ft.
Total Site Acreage: 41AC
Brick and Steel Frame Construction: Two Levels
70 Classrooms averaging 875 Sq. Ft.
Notable: Secure visitors entrance. Spacious Library. Building floorplan generally efficient.



Improvements Needed/ Educational Enhancements:

1. Needs an Auditorium
2. Lack of close parking
3. Parent drop-off is too close to street causing back-ups onto Houston Road
4. Repurposing of LGI Area, adjacent to cafeteria
5. Flexible Learning spaces
6. Gymnasium #2 bleacher reconfiguration
7. Synthetic Turf Field and track replacement (Athletic Task Force Recommendation)

5 Year Capital Maintenance Plan

2017-2018

- Upgrade ATC System - \$138,000
- Domestic H/W Generator Replacement - \$170,000

2018-2019

- Atrium Skylight Re-glaze - \$130,000
- Roof Replacement - \$3M

2019-2020

- Emergency Generator Replacement - \$200,000
- Gym II Locker Replacement - \$160,000
- Main Electrical Switch Gear/Transformer Replacement - \$450,000

2021-2022

- Bleachers – Gym I & Gym II - \$80,000

Anticipated Facility Maintenance Needs Beyond 5 Years: (Over \$1M)

1. Heating and Cooling plant replacement, approx. 8 years, 1.2M

Facility "Shortcomings" or Limitations

1. No Auditorium for performances and assemblies
2. Minimal Natural lighting via small windows in exterior classrooms, approximately 35 rooms
3. Cafeteria is built ½ level below front and back of building. With its central location, this creates a challenging floor plan

Summary: This a building that with proper maintenance can provide an appropriate educational setting for the next 20-30 years.

Blue Bell Elementary

Constructed in 1955
Addition in 1957,1988
Total Square Footage: 61,000 Sq. Ft.
Total Site Acreage: 13.5AC
Brick and Steel Frame Construction: One Level
27 Classrooms all greater than 900 Sq. Ft.
Notable: Natural lighting via windows in all classrooms. Secure visitors entrance. Building floorplan generally efficient. Nice Library space.



Improvements Needed/ Educational Enhancements:

1. Exterior windows and storefront are not energy efficient
2. Parking for large events is inadequate
3. ADA deficiencies in restrooms & gym stage
4. Gymnasium is small
5. Run/Walk Trail

5 Year Capital Maintenance Plan

2017-2018

- VCT Floor Tile Replacement - \$120,000
- ATC System Upgrade - \$21,000

2018-2019

- Corridor Wall & Floor Tile Replacement - \$80,000

2019-20

- Emergency Generator Replacement - \$180,000
- Restroom Renovations - \$234,000

2020-2021

- Roof Replacement - \$940,000

Anticipated Facility Maintenance Needs Beyond 5 Years: (Over \$1M)

1. Partial Roof Replacement, 10yrs, \$1.2M
2. Heating and Cooling complete system replacement approx. 10yrs, \$3.5M

Facility "Shortcomings" or Limitations

1. Group spaces (gym, café) are small so future building expansion would be difficult
2. Shady Grove and Blue Bell's close proximity are not ideal for balanced District geographically

Summary: This a building that with proper maintenance can provide an appropriate educational setting for the next 10-20 years; however, given the building age, there will be major project costs coming due in approximately 10 years. The District/School Board should consider a complete renovation or replacement of the facility at that time.

Lower Gwynedd Elementary

Constructed in 1996
Total Square Footage: 82,000 Sq. Ft.
Total Site Acreage: 15AC
Brick and Steel Frame Construction: Two Levels
33 Classrooms all greater than 900 Sq. Ft.
Notable: Spacious Inviting Library, Natural lighting via windows in all classrooms, Secure visitors entrance. Building floorplan generally efficient. Nature Center on site.
Oversized Multi-purpose/gymnasium space.



Improvements Needed/ Educational Enhancements:

1. Building is close to full capacity, will need to monitor future enrollment

5 Year Capital Maintenance Plan

2017-2018

- ATC System Upgrade - \$46,000

2018-2019

- Oil Storage Tank & Monitoring System - \$120,000
- Repave Parking Lot - \$351,000
- VCT Floor Replacement - \$160,000

2019-2020

- VCT Floor Replacement - \$160,000

2020-2021

- Roof Replacement - \$645,000

Anticipated Facility Maintenance Needs Beyond 5 Years: (Over \$1M)

1. Heating and Cooling, complete system replacement, approx. 15yrs, \$4.3M

Facility "Shortcomings" or Limitations

1. Building is close to full capacity, will need to monitor future enrollment

Summary: This is a well-planned and constructed building that is comparatively new. With proper maintenance, Lower Gwynedd can provide an appropriate educational setting for the next 40-50 years.

Shady Grove Elementary

Constructed in 1956
Addition in 1975
Total Square Footage: 102,000 Sq. Ft.
Total Site Acreage: 27AC
Renovations in 1989,1990
Brick and Steel Frame Construction: Two Levels
35 Classrooms all greater than 850 Sq. Ft.
Notable: Converted from Middle School over 30 years ago. Large gymnasium with suitable stage area. Natural lighting via windows in 90% of classrooms. Durable Terrazzo floors covering 80% of corridors. Building floorplan generally efficient.



Improvements Needed/ Educational Enhancements:

1. Renovate ADA deficient restrooms
2. Cafeteria expansion
3. Main Office reconfiguration
4. Expand or relocate Art Room
5. Renovate/reconfigure the specialist area located in lower level

5 Year Capital Maintenance Plan

2017-2018

- Interior & Exterior Door Replacement - \$20,000
- Main Entrance Secure Vestibule - \$40,000

2018-2019

- Main Entrance Secure Vestibule - \$45,000
- HVAC Mechanical ATC Upgrade – \$4.4M
- Fire Alarm Replacement - \$200,000

2019-2020

- Roof Replacement - \$1.5M

Anticipated Facility Maintenance Needs Beyond 5 Years: (Over \$1M)

1. Interior Restoration (ceiling, lighting, floors, doors and wall finishes) \$1.M

Facility “Shortcomings” or Limitations?

1. Cafeteria is comparatively small for student population
2. Shady Grove and Blue Bell’s close proximity are not ideal for balanced District geographically

Summary: This a building that with proper maintenance can provide an appropriate educational setting for the next 20-30 years.

Stony Creek Elementary

Constructed in 1963
Addition in 1991
Total Square Footage: 60,000 Sq. Ft.
Total Site Acreage: 45AC
Brick and Steel Frame Construction: One Level
25 Classrooms all greater than 900 Sq. Ft.
Notable: Natural lighting by windows in all classrooms, most also have skylights, Durable Terrazzo floors covering 70% of corridors. Secure visitors entrance. Building floorplan generally efficient.



Improvements Needed/ Educational Enhancements:

1. Student Pick-up/ Drop off and bus drop off lines are very congested and back-up into the street
2. Gym is small
3. Exterior windows and storefront are not energy efficient
4. Plate glass interior and exterior windows
5. Parking for large events is inadequate
6. ADA deficiencies, restrooms & stage
7. Front Entrance and Main Office reconfiguration/renovation

5 Year Capital Maintenance Plan

2017-2018

- Single Pane Interior & Exterior Glass Replacement - \$78,000

2018-2019

- Air Handler & Unit Ventilator Replacement \$2.5M
- Replacement of Emergency Generator \$155,000

Anticipated Facility Needs Beyond 5 Years: (Over \$1M)

1. Full Roof Replacement, 6yrs, \$1.5M
2. Heating and Cooling Plant replacement, approx. 20yrs, \$2.0M

Facility "Shortcomings" or Limitations

1. It will be very difficult to expand gym based on floorplan
2. Group spaces (gym, café) are small so future building expansion would be difficult
3. Building is close to full capacity, will need to monitor future enrollment

Summary: This a building that with proper maintenance can provide an appropriate educational setting for the next 20-30 years.

Central Office

Constructed in 1966
Renovated in 2005

Total Square Footage 30,000

Steel/Concrete Frame Construction

Total Site Acreage: 5AC

Notable: Building floorplan generally efficient, Large meeting rooms and ample office space for the districts educational support personnel.

Bus Depot

Constructed in 1956
Addition in 1975

Total Square Footage 9,000

Brick and Steel Frame Construction

Total Site Acreage: 5AC

Notable: Building is sufficient for the needs of dispatching, fueling and maintaining our student transportation services.

Improvements Needed/ Educational Enhancements:

None

Improvements Needed/ Educational Enhancements:

None

5 Year Capital Maintenance Plan

2019-2020

- Exterior Facade Restoration \$75,000

5 Year Capital Maintenance Plan

2018-2019

- Heating and Cooling System upgrade \$325,000

Facility "Shortcomings" or Limitations

None

Facility "Shortcomings" or Limitations

None

Anticipated Facility Maintenance Needs Beyond 5 Years: (Over \$1M)

None

Anticipated Facility Maintenance Needs Beyond 5 Years: (Over \$1M)

None

Summary: This a building that with proper maintenance can provide the district educational support for the next 20-30 years.

Summary: This a building that with proper maintenance can provide the district with transportation services for the next 20-30 years.



Athletics Task Force

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➤ **TwoTurf Fields**

- Our turf field gets a ton of use as we are trying to put as many games on there as possible for all of our teams. The drawback of that is it is very difficult to provide practice time on the turf. Two additional fields would create many more opportunities for our teams to practice on the same surface where they play. It would also eliminate many of the problems we have with field wear due to high use, as the turf fields can withstand the high level of use. When the school teams aren't using them, it would be a great benefit to the community groups that use these areas.

➤ **Hardwood Floors in the Circle Gym**

➤ **Field House at Stadium**

- We have a shortage of locker rooms and we don't have big enough locker rooms for our spring track teams (110 boys and 80 girls). We also have problems in the winter as visiting teams don't have a dedicated locker room. Our kids are still going in and out of the visiting team's locker room while basketball games are going on after school, which isn't ideal for anyone. Many visiting teams also opt to not use a locker room when they play in the stadium as they have to go all the way into the school. It would be beneficial to have two locker rooms at the turf field so that both teams playing in the game could have a locker room, whiteboard, etc. It would also be safer for when inclement weather or thunder/lightning are present, as the players/coaches could get to safety much quicker.
- The creation of a field house, with one or two locker rooms, would eliminate these problems.

➤ **Square Gym Upgrade (see attached sheets)**

➤ **Reconfigure Locker Rooms in Circle Gym**





Athletics Task Force

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➤ **Batting Cages in Square Gym**

- This would replace our batting cage that is at the end of its usefulness and safety. The present batting cage is difficult to pull out and use, as it often gets tangled and stuck. The present cage also rests against the rock climbing wall which makes it difficult for PE to use. The new cage would be mounted to the ceiling and have an electrical switch to lower and raise it. It would also be away from the rock wall, making it much easier for PE to use the rock climbing wall.

➤ **Washer / Dryer**

- These would be industrial grade and designed specifically for uniform fabrics. This system is used by many colleges in the area (Lehigh, Lafayette, Villanova and Ursinus) and some high schools (Upper Moreland, Milton Hershey, Manheim.) This system will increase the life of our uniforms which are not cheap thereby decreasing uniform costs.

➤ **Band Uniforms**

➤ **Score Board in Circle Gym (approx. \$4-5K)**

- Old, Outdated, end of life. New ones are wireless.

➤ **Goal Posts (approx. \$15-20k)**

- Safety Issue
- We have 2 goalposts on the stadium field that used to serve a dual-purpose years ago, football goal posts and soccer nets. Soccer no longer uses them. Each post has 2 poles that anchor it and they sit directly on the end zone line (in the field of play). Although they are padded, this is a dangerous set up that is no longer used. The newer goal posts have one pole to anchor them, and are curved so that the anchor pole enters the ground behind the end zone (off the field of play). We believe that the present arrangement is not safe for student-athletes, and we recommend replacing the goal posts.

➤ **Wiss "W" in Middle of Turf and Wiss in the End Zone**

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➤ **New Banners in Circle Gym**

➤ **Finish Weight Room – (when pool is complete)**

- Painting, Fatheads

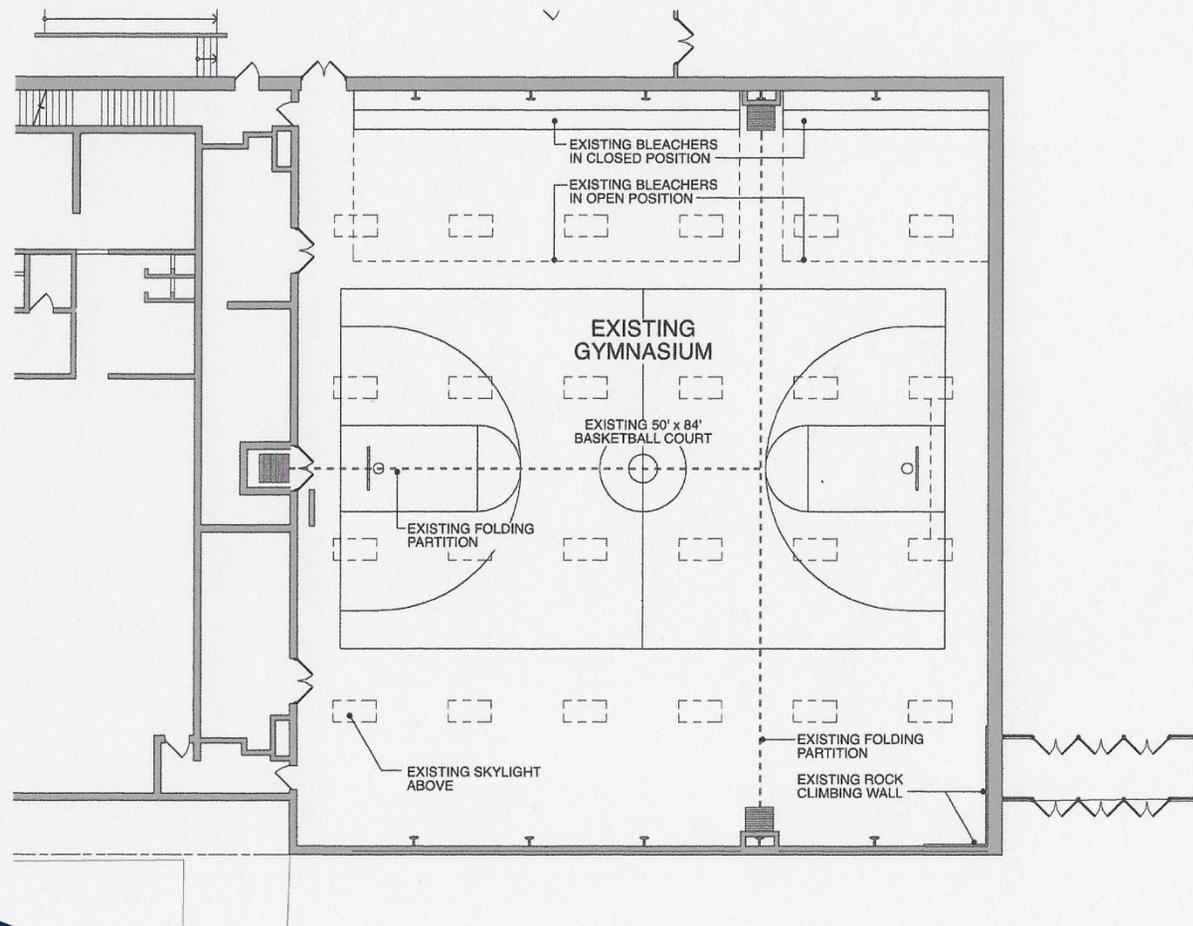
➤ **New Hall of Fame and Trophy Cases**

➤ **Portable toilets at lower fields**





Athletics Task Force



WISSAHICKON HIGH SCHOOL
SQUARE GYMNASIUM- EXISTING CONDITIONS
WISSAHICKON SCHOOL DISTRICT

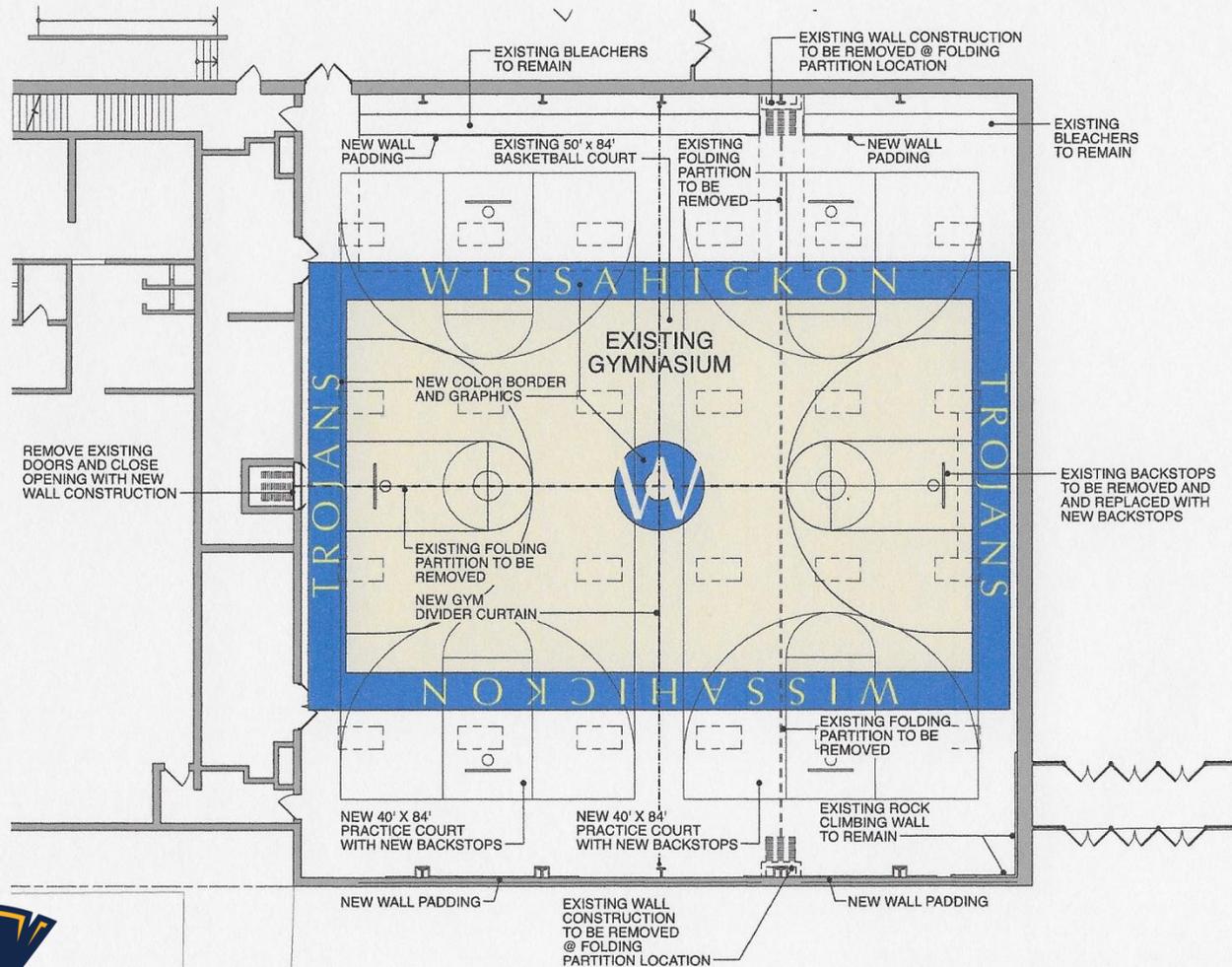


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Athletics Task Force



WISSAHICKON HIGH SCHOOL
SQUARE GYMNASIUM - OPTION B
WISSAHICKON SCHOOL DISTRICT



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Wissahickon School District Facilities Master Plan *February 2017*



Overall Prioritization and Conclusion

The Administration will complete this section after review of Board and Community feedback is received.

EXHIBIT A: FUNDING PRIMER

Funds for the capital and maintenance projects discussed in this Facilities Master Plan can come from one of three sources: The “Debt Fund,” the “Capital Fund” or the “General Fund” (i.e., the district’s annual operating budget). Each of these three sources are summarized below, and then examined in more detail, one by one, in subsequent exhibits.

Debt Fund (see also Exhibit B)

When the district borrows money (issues debt) to finance a large capital project (such as the ongoing \$20M WHS Central Plant and Natatorium Project), the monies that the district receives from issuing that debt are deposited into the Debt Fund and may only be used for the specific project indicated in the bond issue paperwork. The Debt Fund is maintained as a separate accounting entity, segregated from any General Fund (or Capital Fund) monies. As work is performed by contractors, they are paid out of the monies in the Debt Fund. All outstanding debt is then “serviced” each year (i.e., principal and interest payments are made) by allocations in the district’s annual budget’s debt service account. Sometimes the state shares the cost of certain large capital projects (with what is known as “Plan Con” grants) and other times the district absorbs the projects entire cost itself.

Capital Fund (see also Exhibit C)

Districts have the option of establishing a “Capital Fund” that is a depository for non-debt monies that are then earmarked for larger capital projects (including larger maintenance/repair projects such as roof replacements, HVAC replacements, restroom renovations, etc.). Wissahickon has such a fund, and it is an integral part of our facilities planning construct. Per state rule, the monies in the Capital Fund carry over from year to year, remaining in the Capital Fund if unspent, and they are kept segregated from the annual budget accounts. Districts can plan on using monies in the Capital Fund as needed for projects, but once in the Capital Fund, monies cannot be removed for other purposes such as salaries or instructional supplies. They must be used for capital projects, either in the current year or in a future year.

General Fund (see also Exhibit D)

The General Fund consists of the 500+ budget accounts that comprise the district’s annual operating budget of approximately \$100M. There are specific accounts for every type of expenditure a district has, including facilities-related expenses such as repairs and maintenance. The district annually budgets approximately \$400K in the General Fund for repairs and routine, smaller maintenance projects and typically spends close to that entire amount every year. These smaller projects are an integral part of the overall commitment on the part of the district to preserve and protect existing facilities.

EXHIBIT B: DEBT HISTORY

The District has periodically borrowed money (issue debt) to finance large Capital Projects. Principal and interest payments to repay the debt are included in the General Fund (5100 section of the budget).

Year	
2011-2012	The District's debt capacity was approximately \$6.5 million.
2012-2013	In 2012-2013, debt payments are reduced to \$4.4 million.
2013-2014	In 2013-2014, the Debt Budget was maintained at \$4.4 million with actual payments at \$150K. This debt capacity was held at that level to allow for the consideration of a new High School.
2014-2015	In 2014-2015, the debt capacity was reduced to \$1.2 million where it remains today. This has become the funding for the High School Central Plant/Classroom/Pool project.
2016-2017	In 2016-2017, the Board voted to budget an annual Capital Project Reserve Transfer amount of \$1.1 million. It was noted at the time, that this could be converted to debt of approximately \$17 million if needed in the future.
Looking Forward	If the Board pursues a Middle School Auditorium project at the \$6.5 million estimated cost, consideration could also be given to paying cash for the project from the \$18 million Capital Reserve Fund and having the \$1.1 million annual Capital Projects Reserve Transfer replenish this cash payment.

Exhibit B-1: History of Outstanding Debt

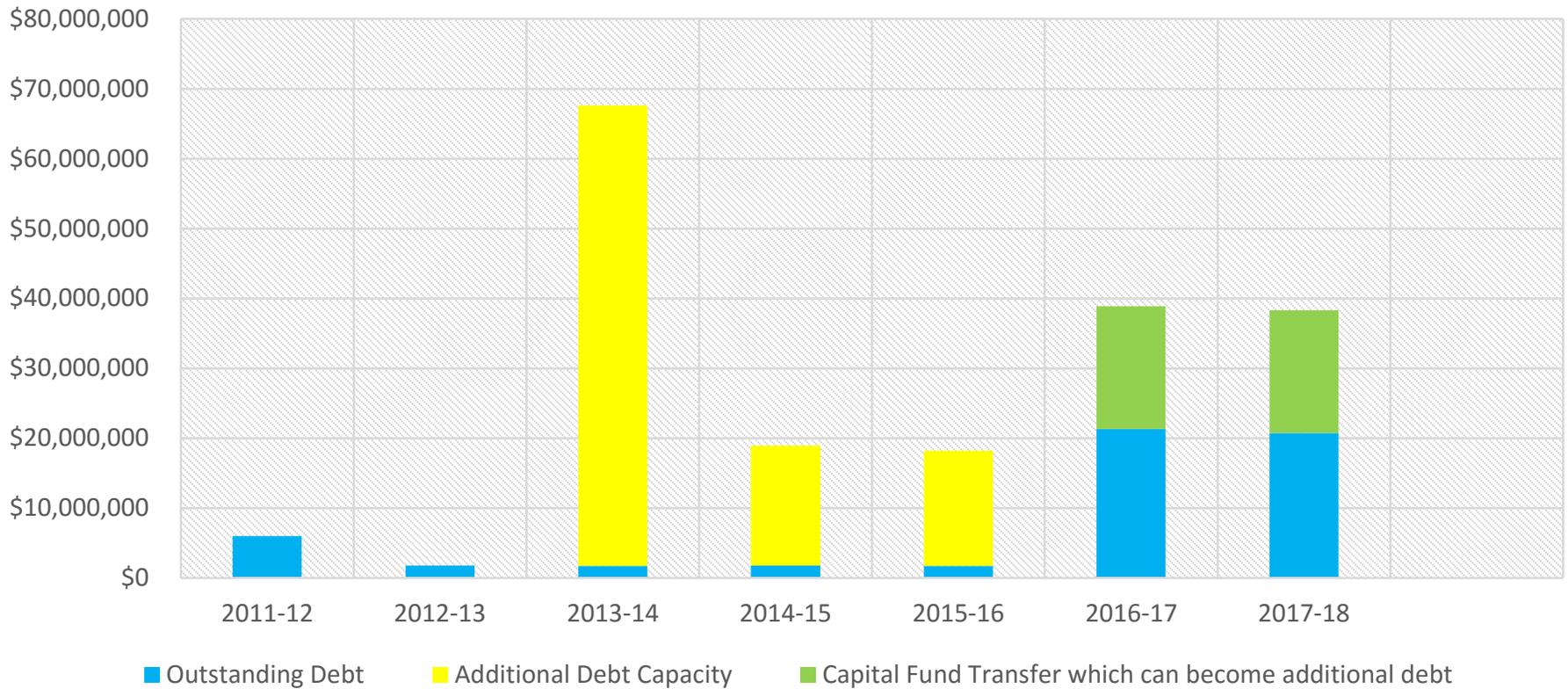


Exhibit B-2: Debt Payment History

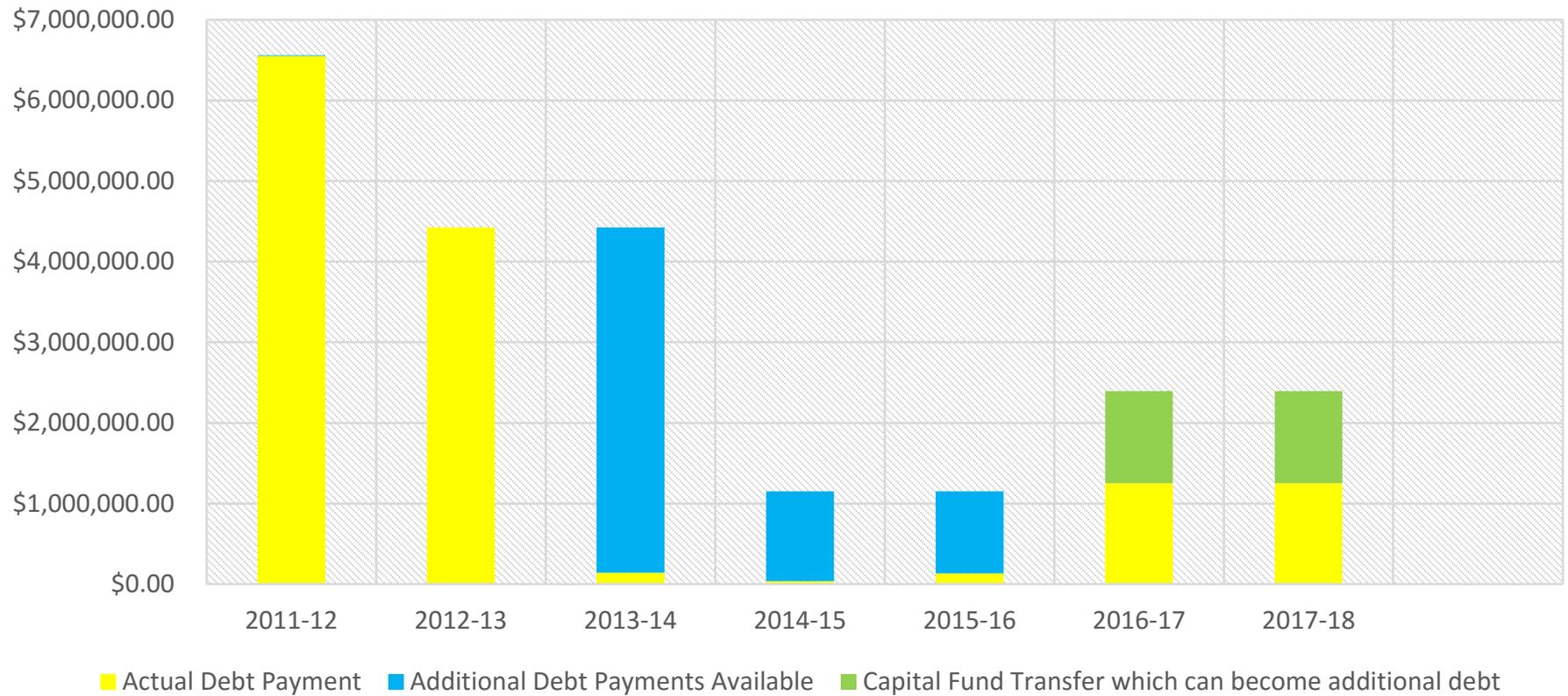


EXHIBIT C: CAPITAL FUND HISTORY AND PLAN

The District's "Capital Fund" is a depository for non-debt monies that are then earmarked for larger capital projects (including larger maintenance/repair projects such as roof replacements, HVAC replacements, restroom renovations, etc.). Over the years, the District has made the Capital Fund a key component of its multi-pronged approach to preserving the community's investment in its school facilities.

As of 1/31/17, the balance in the District's Capital Fund was \$17.8M. It is projected that the balance at fiscal year-end (6/30/17) will be approximately \$18.7M (once ongoing projects are wrapped up and paid for in full and the budgeted \$1.1M transfer into the fund is made). At the end of every budget year, the District gives thought to if it would be prudent financial strategy to move any monies from the annual budget (that will be unspent on 6/30) into the Capital Fund (to support future capital projects in the pipeline).

The attached "Capital Maintenance Plan" provides details for the current year, and five years into the future, of projects that are planned for each of the District's schools and support buildings. NOTE: The Capital Fund is also used (in accordance with state rules) to purchase certain pieces of technology equipment and certain transportation vehicles, but for the purposes of this Facilities Maintenance Plan, those planned expenditures do appear on the attachment, but are excluded from this analysis.

Finally, as the attachment indicates, the total cost of all the projects planned over the next five years is approximately \$24M, which exceeds the anticipated 6/30/17 balance of the Capital Fund (\$18.7M). That is why it is imperative for the District to continue to make deposits into the Capital Fund every year to replenish what is used and to ensure all of the projects on the list can be accomplished in the planned timeframes. Sometimes it becomes necessary or wise to postpone a particular project, which happens in any long-range capital planning scenario, but none of the projects on the list can be abandoned forever. And getting into the habit of deferring projects for budgetary reasons is a recipe for getting so far behind that it becomes impossible to catch up, which results in facility degradation and eventual financial crisis.

Wissahickon School District
Capital Maintenance Plan

	<i>Year of Original Construction</i>	<i>Current Yr 2016-17</i>	2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
High School	1961	140,911	250,000	781,000	5,923,000	520,000	-	7,474,000
Middle School	1974	-	308,000	3,130,000	810,000	-	80,000	4,328,000
Blue Bell	1955	28,000	141,000	80,000	414,000	940,000	-	1,575,000
Lower Gwynedd	1996	-	46,000	631,000	160,000	645,000	-	1,482,000
Shady Grove	1956	-	60,000	4,652,500	1,500,000	-	-	6,212,500
Stony Creek	1963	-	78,000	2,655,000	-	-	-	2,733,000
Central Office	1966	-	-	-	75,000	-	-	75,000
Maintenance		-	-	-	-	-	-	-
District-Wide		206,219	50,000	70,000	-	-	-	120,000
Bus Depot		80,000	-	325,000	-	-	-	325,000
Facilities		455,130	933,000	12,324,500	8,882,000	2,105,000	80,000	24,324,500
Technology Equipment		630,800	194,000	350,000	500,000	500,000 *	500,000 *	2,044,000
Transportation Vehicles		-	50,000	50,000	50,000	50,000	50,000	250,000
Capital Project Fund Needs		1,085,930	1,177,000	12,724,500	9,432,000	2,655,000	630,000	26,618,500
* Note: Budget numbers are based on historical averages								
Annual Transfer In			1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	
Capital Fund Balance (cash)		18,700,000	18,623,000	6,998,500	(1,333,500)	(2,888,500)	(2,418,500)	

DRAFT

EXHIBIT D: GENERAL FUND FACILITIES MAINTENANCE BUDGET HISTORY

The District has \$400,000 included in the Operations & Maintenance section (2600) of the General Fund Budget for smaller maintenance projects such as concrete work, fencing, and other smaller projects which do not normally require hiring professional engineers.

This was added to the General Fund Budget in 2013-2014 and allows us to accomplish more routine items annually.

EXHIBIT E: GENERAL FUND BALANCE HISTORY

The General Fund Balance is the cumulative history of the net result of the District's annual budgets. Our General Fund Balance of approximately \$10 million provides support for positive bond ratings (our current AAA rating provides very, very low interest rates), unforeseen future problems, and tax stability.

Year

2009	In the 2009 timeframe, the General Fund Balance was in the \$16 million range.
2013-2014	The General Fund Balance grew to \$21 million.
2014-2015	The Board approved the transfer of \$12 million to the Capital Projects Fund to pay for known maintenance (roofs, HVAC, etc.) projects.

Looking Forward

The General Fund Balance continues in the \$10 million - \$11 million range. This is a good range, which balances support for positive bond ratings (our current AAA rating provides very, very low interest rates), unforeseen future problems, and tax stability. Strong consideration will be given to transferring additional amounts to the Capital Projects Fund if it appears that revenues will exceed expenses for the year.

Exhibit E: General Fund Balance History

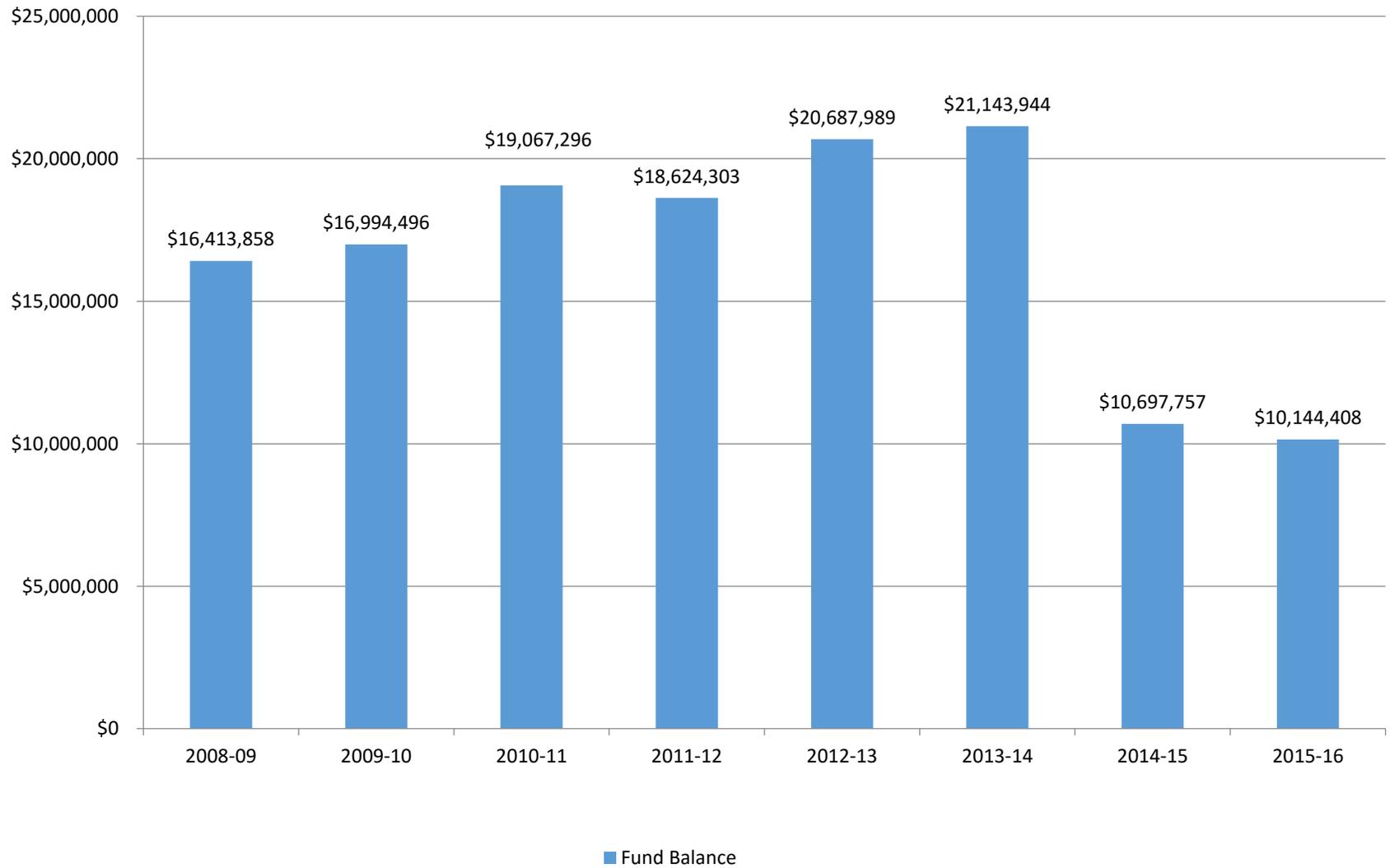


EXHIBIT F: ENROLLMENT PROJECTIONS & BUILDING CAPACITY

The District creates enrollment projections each year for the purpose of both facilities needs and staffing projections. (see attached)

Building capacity was last calculated by the District in accordance with Pennsylvania Department of Education (PDE) guidelines in 2010. The results were as follows:

<u>BUILDING</u>	<u>PDE CAPACITY</u>
Blue Bell	525
Lower Gwynedd	625
Shady Grove	725
Stony Creek	525
Middle School	1286
High School	1658
Total	5,344

The Administration is updating these capacity numbers to reflect local class size policies and scheduling practices.

WISSAHICKON SCHOOL DISTRICT
2016-17 PROJECTION USING 321 K - 5 YEAR AVERAGE

GRADE	9/2016	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	349	321	321	321	321	321	321	321	321	321	321
1	316	370	341	341	341	341	341	341	341	341	341
2	362	325	380	350	350	350	350	350	350	350	350
3	342	370	332	389	358	358	358	358	358	358	358
4	376	351	380	341	399	367	367	367	367	367	367
5	333	381	356	385	345	404	372	372	372	372	372
IU/SE **	9	9	9	9	9	9	9	9	9	9	9
	2,087	2,127	2,119	2,135	2,123	2,150	2,118	2,118	2,118	2,118	2,118
6	352	342	391	366	396	355	416	382	382	382	382
7	366	360	350	400	374	405	363	425	391	391	391
8	353	369	363	353	404	377	408	366	428	394	394
	0	0	0	0	0	0	0	0	0	0	0
	1,071	1,071	1,105	1,119	1,173	1,137	1,186	1,173	1,202	1,168	1,168
9	349	353	369	363	353	403	377	408	366	428	394
10	328	339	342	358	352	342	391	366	395	355	415
11	339	327	338	341	357	351	342	390	365	394	354
12	325	343	331	341	345	361	355	345	395	369	399
	0	0	0	0	0	0	0	0	0	0	0
	1,341	1,361	1,380	1,403	1,407	1,457	1,465	1,509	1,520	1,546	1,562
TOTALS	4,499	4,560	4,603	4,657	4,703	4,744	4,769	4,800	4,840	4,832	4,848

** - NOTE: IU/SE are non resident students primarily in I/U classes during the day.

Note: Projections beyond 5 years are highly subject to error in the lower grades based on difficulty in estimating Kindergarten

NUMBERS MAY NOT TOTAL DUE TO ROUNDING