

Regional District #4 Board of Education

Budget Workshop 19 February 2020

Minutes

Attendance: Trish Brookhart, Jane Cavanaugh, Dr Jennifer Clark, Dr Rick Daniels, DG Fitton, Kate Sandmann, John Stack and Paula Weglarz

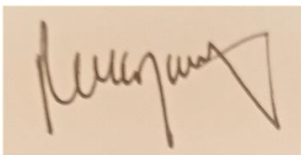
Administration: Brian White, Dr Kristina Martineau, Richard Huot, Mike Barile, Matt Espinosa, Leigh Rankin and Thomas Peterlik.

This budget workshop was called to order at 6:00 pm by Kate Sandmann

Superintendent of Schools Brian White distributed the following to provide supporting information for the budget requests. The attachments are included as a part of these minutes.

- Proposed Network Technician Reallocation
- Region 4 Cafeteria Expense and Revenue Tracking
- Health Benefit Budgeting
- Course Reimbursement History
- Technology Lease Budgeting
- Transportation Budgeting
- Virtual High School / College Credit Offerings
- Proposed Capital Budget Expenditures 2020 – 2021
- Debt Service Worksheet
- District-wide Grant Allocations
- Region 4 (K through 12) Enrollment Trends and Projections
- VRHS Athletic Participation and Budgeting
- VRHS Athletic Cooperative Agreements

A motion was made by Lori Ann Clymas and seconded by Paula Weglarz to adjourn this workshop. This budget workshop was adjourned at 7:45 pm.

A handwritten signature in brown ink on a light brown rectangular background. The signature is cursive and appears to read "Richard R. Daniels, Jr." followed by a stylized flourish.

Richard R. Daniels, Jr
Secretary Region 4 BOE

Region 4 Enrollment Trends and Projections Grades 7-12

	2015-2016 (Oct. 1, 2015)	2016-2017 (Oct. 1, 2016)	2017-2018 (Oct. 1, 2017)	2018-2019 (Oct. 1, 2018)	2019-2020 (Oct. 1, 2019)	2020-2021 (Prowda)	2021-2022 (Prowda)	2022-2023 (Prowda)
7	151	183	143	145	113	123	116	105
8	166	152	184	144	147	113	124	117
Total 7-8	317	335	327	289	260	236	240	222
9	150	157	137	169	131	132	103	113
10	156	148	154	138	170	127	131	102
11	147	157	146	150	138	166	126	129
12	158	155	160	151	159	139	170	129
Total 9-12	611	617	597	608	598	564	530	473
Total 7-12	928	952	924	897	858	800	770	695

Chester Enrollment Trends and Projections K-6

	2015-2016 (Oct. 1, 2015)	2016-2017 (Oct. 1, 2016)	2017-2018 (Oct. 1, 2017)	2018-2019 (Oct. 1, 2018)	2019-2020 (Oct. 1, 2019)	2020-2021 (Prowda)	2021-2022 (Prowda)	2022-2023 (Prowda)
K	21	29	31	29	30	28	36	32
1	28	23	34	31	23	30	28	36
2	30	29	26	32	30	23	30	28
3	27	30	27	20	31	27	21	27
4	27	30	28	26	19	29	26	20
5	35	30	30	25	29	19	29	26
6	43	35	29	31	24	29	19	29
Total K-6	211	206	205	194	186	185	189	198

Deep River Enrollment Trends and Projections K-6

	2015-2016 (Oct. 1, 2015)	2016-2017 (Oct. 1, 2016)	2017-2018 (Oct. 1, 2017)	2018-2019 (Oct. 1, 2018)	2019-2020 (Oct. 1, 2019)	2020-2021 (Prowda)	2021-2022 (Prowda)	2022-2023 (Prowda)
K	34	29	30	29	34	33	38	34
1	43	38	33	27	28	34	33	38
2	29	42	39	34	23	27	33	32
3	47	30	43	37	37	23	27	34
4	50	45	32	41	37	37	23	27
5	45	53	44	33	42	37	37	23
6	58	48	55	41	34	42	37	37
Total K-6	306	285	276	242	235	233	228	225

Essex Enrollment Trends and Projections K-6

	2015-2016 (Oct. 1, 2015)	2016-2017 (Oct. 1, 2016)	2017-2018 (Oct. 1, 2017)	2018-2019 (Oct. 1, 2018)	2019-2020 (Oct. 1, 2019)	2020-2021 (Prowda)	2021-2022 (Prowda)	2022-2023 (Prowda)
K	41	43	35	31	37	42	36	30
1	40	40	41	38	32	38	43	37
2	64	42	37	40	39	32	37	42
3	40	60	41	41	38	39	32	37
4	55	39	61	43	45	40	41	34
5	57	55	42	64	44	47	42	43
6	82	55	56	42	63	43	47	42
Total K-6	379	334	313	299	298	281	278	265

REGIONAL SCHOOL DISTRICT No. 4

CHESTER • DEEP RIVER • ESSEX

Kristina Martineau, Ed.D.
Assistant Superintendent of Schools
kmartineau@reg4.k12.ct.us



Brian J. White
Superintendent of Schools
bwhite@reg4.k12.ct.us

Sarah Smalley
Director of Pupil Services
ssmalley@reg4.k12.ct.us

To: Brian J. White, Superintendent
From: Richard Huot, Interim Business Manager
Re: Budgeting Health Benefits
Date: February 6, 2020

This memo is to memorialize how the health benefits expenses are developed for the budget. Our insurance broker provides the district with the Anthem renewal along with his professional judgement regarding the claims that are expected for the upcoming year. That number is then adjusted by adding Anthem's Network Access Fee and the estimated cost of H S A payments to employees for the fiscal year. The current fiscal year, 2019-2020 should have been calculated as follows:

2019-2020 Fiscal Year

Anthem Renewal	\$7,173,424	X 1.185 = \$8,500,507
Network Fees	\$117,251	
Board's Contribution to H S A	\$385,000	
Total	\$7,675,675	
Minus Employee Contributions	\$1,493,000	
Net Budget	\$6,182,675	

The 2020-2021 Anthem renewal for health benefits expenses are expected to grow by 18.5%. Given that information, the budget should be developed as follows:

2020-2021 Fiscal Year

Anthem Renewal	\$8,500,507
Network Fees	\$117,251
Board's Contribution to H S A	\$385,000
Total	\$9,002,758
Minus Employee Contributions	\$1,493,000
Net Budget	\$7,509,758

We currently cover 271 employees at an average cost of \$24,134 per employee.

Let me know if there is any additional information needed on this topic.

Cc: Sheila LeMieux

Revised: February 7, 2020

HEALTH ELECTIONS 2019-2020

\$ 23,841 Ave. Cost/Employee after employee contribution
 \$ 26,954 Average cost/employee without contribution

Row Labels Count of SORT2

2020-2021

CHESTER	FAMILY	12	\$	643,694	School	In Budget	\$	679,127
	INDIVIDUAL	9						
	TWO PERSON	6						
DEEP RIVER	FAMILY	11	\$	643,694	School	In Budget	\$	681,661
	INDIVIDUAL	11						
	TWO PERSON	5						
ESSEX	FAMILY	18	\$	1,048,982	School	In Budget	\$	1,037,595
	INDIVIDUAL	15						
	TWO PERSON	11						
REGION 4	FAMILY	43	\$	2,860,860	School & Grants	In Budget	\$	2,199,515
	INDIVIDUAL	52						
	TWO PERSON	25						
RETIREEES		19						
	INDIVIDUAL	17						
	TWO PERSON	2						
SUPERVISION	FAMILY	20	\$	1,263,547		In Budget	\$	1,240,364
	INDIVIDUAL	16						
	TWO PERSON	17						
District Total		290	\$					-
DEEP RIVER	FAMILY	24	\$	646,905				
	INDIVIDUAL	7						
	INDIVIDUAL	9						
	TWO PERSON	8						
ESSEX		20	\$	539,087				
	FAMILY	7						
	INDIVIDUAL	9						
	TWO PERSON	4						
TOTAL TOWN EMP		44	\$	7,646,768				
Total Contracts		334	\$	9,002,758			\$	26,954.37
Minus Retirees		19						
Minus Town		44						
Net Covered by BO		315	\$	7,509,758			\$	23,840.50
			\$	137,010				

Anthem Health Insurance Special Allocation

HEALTH ELECTIONS 2019-2020

315 persons affected

240000 = 761.90 Per Person

Row Labels	Count of MEMBERS					
CHESTER	27		x	761.90	=	\$ 20,571.43
FAMILY	12					
INDIVIDUAL	9					
TWO PERSON	6					
DEEP RIVER	27		x	761.90	=	\$ 20,571.43
FAMILY	11					
INDIVIDUAL	11					
TWO PERSON	5					
ESSEX	44		x	761.90	=	\$ 33,523.81
FAMILY	18					
INDIVIDUAL	15					
TWO PERSON	11					
REGION 4	120		x	761.90	=	\$ 91,428.57
FAMILY	43					
INDIVIDUAL	52					
TWO PERSON	25					
SUPERVISION	53		x	761.90	=	\$ 40,380.95
FAMILY	20					
INDIVIDUAL	16					
TWO PERSON	17					
DEEP RIVER RETIREES	2					
INDIVIDUAL	1					
TWO PERSON	1					
ESSEX RETIREES	6					
INDIVIDUAL	5					
TWO PERSON	1					
R4 RETIREES	10					
FAMILY	1					
INDIVIDUAL	8					
TWO PERSON	1					
SD RETIREES	1					
INDIVIDUAL	1					
TOWN OF DEEP RIVER	24		x	761.90	=	\$ 18,285.71
FAMILY	7					
INDIVIDUAL	9					
TWO PERSON	8					
TOWN OF ESSEX	20		x	761.90	=	\$ 15,238.10
FAMILY	6					
INDIVIDUAL	9					
TWO PERSON	5					
Grand Total	334					\$ 240,000.00

Budget	2019-2020	Anticipated	Revenue
	1,205,864	2,327,783	640,692
	577,680	167,441	879,324
	255,712	1,368,000	49,575
	369,622	540	7,842,233

* These totals are being reviewed.

Revenue	5,871,929
Expenses	5,068,847
Net Position	803,082

R4 Proposed Capital Projects Budget 2020-2021

**Priority				
1	VRHS	2.5K UGT Removal - Generator Supply		11,000
2	VRHS	GWM Well Cap & Closure Report		5,000
3	VRHS	* Phase II Curbing & Sidewalk Replacement		58,800
3	VRHS	Chimney Repair		50,000
1	JWMS	IT/Server Room HVAC System Replacement		10,000
1	JWMS	Roof Drain Lining		10,000
2	JWMS	Elevator Power Unit Replacement		29,000
3	JWMS	Chiller Replacement		120,000
3	JWMS	* Phase II Curbing & Sidewalk Replacement		55,650
3	JWMS	10K UGT Investigation / Repairs		50,000
3	JWMS	Secure Vestibule Project		250,000
3	Athletics	Tennis Court Maintenance (3 - 5 yrs)		30,000
		Total		679,450

* Phase II of Proposed 3 Phase Project (\$250,000 total)
 VRHS Front (flagpole) sidewalk replacement \$58,800
 JWMS Front (flagpole) sidewalk replacement \$55,650

** Priority

- 1 End of service life, Health & safety or Risk Mitigation
- 2 Code or Access issue
- 3 Projects represent risk and need but not as immediate as priority 1

Valley Regional High School Athletic Participation

SPORT	2017-2018	2018-2019	2019-2020
FALL SEASON			
Football	33	30	30
Girls Soccer	30	29	35
Boys Soccer	38	45	41
Girls Volleyball	33	25	29
Field Hockey	33	39	42
Girls Swim	2	5	5
Girls XC	18	10	14
Boys XC	6	23	17
Cheerleading	0	0	9
WINTER SEASON			
Girls Basketball	17	17	17
Boys Basketball	32	35	33
Girls Indoor Track	13	24	19
Boys Indoor Track	19	13	11
Girls Ice Hockey w/ Hand (sending)	0	0	1
Boys Ice Hockey w/ East Haven (sending)	0	2	3
Fencing w/ Old Lyme	7	7	5

Boys Swimming w/HK (sending)	2		6	2
Gymnastics	5		7	8
SPRING SEASON				
Softball	14		22	
Baseball	35		31	
Girls Lacrosse	18		24	
Boys Lacrosse	23		26	
Girls Tennis	21		14	
Boys Tennis	7		10	
Girls Track	18		23	
Boys Track	42		43	
Girls Crew	30		45	
Boys Crew	0		3	
Girls Golf	0		2	
Boys Golf	10		9	

Revised - 2/19/2020

Budget Year:	2020-2021	1 - Items necessary for opening of school			
School:	Valley Regional High School	2 - Items necessary for the operation of program			
Category:	Athletic Transportation	3 - Items for expansion or minor changes of existing program			
Object Code:	516	4 - Items desirable for the teaching process, but not really necessary for the existing programs			
Function:	2901	5 - Items needed for new programs			
Priority	Description	18/19	4 %		
1 Event Transportation	Munis	Inc. + b swim	No munis project codes for 17/18		
	Football/Cheer	\$7,448.00	\$7,745.92	All Fall Bills not billed in full for 19/20	
	Boys Soccer	\$3,442.00	\$3,579.68		
	Girls Soccer	\$2,921.00	\$3,037.84		
	Girls Swim	\$6,656.00	\$6,922.24	CO-OP	
	Girls Volleyball	\$3,125.00	\$3,250.00		
	Boys and Girls Cross Country	\$1,793.00	\$1,864.72		
	Girls Field Hockey	\$2,617.00	\$2,721.68		
	Girls Basketball	\$1,730.00	\$1,799.20		
	Boys and Girls Indoor Track	\$1,538.00	\$1,599.52		
	Boys Basketball	\$2,191.00	\$2,278.64		
	Boys Swim	\$0.00	\$6,000.00	Began in 19/20	Co-Op
	Boys and Girls Golf	\$6,132.00	\$6,377.28		
	Boys Lacrosse	\$1,653.00	\$1,719.12		
	Girls Lacrosse	\$3,562.00	\$3,704.48		
	Boys and Girls Outdoor Track	\$2,784.00	\$2,895.36		
	Baseball	\$5,028.00	\$5,229.12		
	Softball	\$3,517.00	\$3,657.68		
	Girls Tennis	\$2,055.00	\$2,137.20		
	Boys Tennis	\$1,446.00	\$1,503.84		
	Boys and Girls Crew	\$8,252.00	\$8,582.08		
	Unified Sports	\$2,006.00	\$2,086.24		
		\$69,896.00	\$78,691.84		

Budget Year:	2020-2021				1 - Items necessary for opening of school
School:	Valley Regional High School				2 - Items necessary for the operation of program
Category:	Official Fees				3 - Items for expansion or minor changes of existing program
Object Code:	330				4 - Items desirable for the teaching process, but not really necessary for the existing programs
Function:	2901				5 - Items needed for new programs
Priority	Description	18/19	4 %		
	Officials for Games	Munis	Inc.		
	Girls Soccer	\$4,058.73	\$4,221.08		
	Boys Soccer	\$4,489.53	\$4,669.11		
	Girls Field Hockey	\$2,601.94	\$2,706.02		
	Girls Volleyball	\$3,451.50	\$3,589.56		
	Football	\$5,798.54	\$6,030.48		
	Girls Basketball (2 Teams)	\$1,973.49	\$2,052.43		
	Boys Basketball (3 Teams)	\$3,235.45	\$3,364.87		
	Gymnastics	\$276.50	\$287.56		
	Softball	\$3,037.67	\$3,159.18		
	Baseball	\$2,642.95	\$2,748.67		
	Boys Lacrosse	\$2,475.26	\$2,574.27		
	Girls Lacrosse	\$2,401.10	\$2,497.14		
	Site supervisors, ticket takers, parking, and security	\$15,936.00	\$16,600.00		
	Total:	\$52,378.66	\$54,500.37		

Budget Year:	2020-2021	1 - Items necessary for opening of school
School:	Valley Regional High School	2 - Items necessary for the operation of program
Category:	Athletics Supplies	3 - Items for expansion or minor changes of existing program
Object Code:	611	4 - Items desirable for the teaching process, but not really necessary for the existing programs
Function:	2901	5 - Items needed for new programs
Priority	Description	Estimated Cost
2	Office: Awards	\$6,000.00
2	Office : Supplies	\$1,500.00
2	Trainer: Supplies	\$2,000.00
2	Baseball Uniforms (21 Home and 21 Away @ \$135 per)	\$5,670.00
2	Boys Tennis Uniforms (15 @ \$75 per)	\$1,125.00
2	Cheer (2 safety mats @ \$650 per mat and 5 replacement uniforms (\$1500))	\$2,800.00
2	Boys Soccer: 6Balls, cones,socks, pinnies, and scorebooks	\$1,200.00
2	Girls Soccer: 6Balls, cones,socks, pinnies, and scorebooks	\$1,200.00
2	Football:30 Game Balls, Safety Equipment, 5 Helmets, Practice/Game Supplies	\$5,000.00
2	Volleyball: 8 balls and scorebook	\$450.00
2	Boys/Girls Cross Country: Reflective Vests	\$200.00
2	Field Hockey: 6 Doz balls, scorebooks, 40 Pairs of Black/White Socks	\$700.00
2	Boys Basketball: 6 Balls, scorebooks, 10 practice jerseys	\$700.00
2	Girls Basketball: 6 Balls, scorebooks, 10 practice jerseys	\$700.00
2	Unified Sports: T-shirts, pennies, 2 soccer balls, 2 basketballs	\$400.00
2	Baseball: 40 hats, 12 doz balls, 2 bats, scorebooks	\$2,000.00
2	Softball: 6 doz balls, 2 bats, 30/Cardinal/30 Black Socks, scorebooks	\$2,000.00
2	Golf: Balls and Equipment	\$600.00
2	Boys/Girls: Indoor/Outdoor Track: Batons, spikes, 2 pole vaults, javelin	\$800.00
2	Boys Lax: 15 doz balls, scorebooks	\$1,000.00
2	Girls Lax:15 doz balls, scorebooks	\$1,000.00
2	Boys/Girls Tennis: Tennis balls and equipment	\$750.00
2	Swimming,Gymnastics, Fencing: Misc. Equipment, tights, shirts	\$650.00
2	Crew uniforms and supplies	\$1,250.00
	Shipping and Handling =	\$1,250.00
	Admin Reduction =	
	Budget Workshop 1 =	\$0.00
	Budget Workshop 2 =	\$0.00
	Budget Workshop 3 =	\$0.00
	Total:	\$40,945.00
	* Previous Year - \$35,000	

Budget Year:	2020-2021	1 - Items necessary for opening of school
School:	Valley Regional High School	2 - Items necessary for the operation of program
Category:	Athletics Dues & Fees	3 - Items for expansion or minor changes of existing program
Object Code:	810	4 - Items desirable for the teaching process, but not really necessary for the existing programs
Function:	2901	5 - Items needed for new programs
Priority	Description	Estimated Cost
1	CIAC Entry Fees	\$2,700.00
2	Crew Fees and Insurances	\$4,000.00
1	Impact Membership Fee	\$1,000.00
1	HUDL (Video, sport/play program , and scouting purposes	\$3,500.00
1	Unified Sports Entry Fees	\$500.00
1	All State Banquet Fees	\$1,600.00
1	CHSCA Coaching Dues	\$750.00
1	Track/XC/FH/Soccer/ Entrance Fees	\$1,750.00
1	Pequot Football Dues and Banquet Fees	\$850.00
1	CPR Training for Coaching Staff	\$500.00
	Admin Reduction =	\$0.00
	Budget Workshop 1 =	\$0.00
	Budget Workshop 2 =	\$0.00
	Budget Workshop 3 =	\$0.00
	Total:	\$17,150.00

Valley Regional High School Athletic Cooperative Agreements and Affiliations

Current Participation 2019-2020

Coop	# of VRHS Athletes	District Cost	Parent Cost	Notes
Football (host)	30 (plus 24 LOL)	\$44,220 (supplies, official, stipends, transportation, etc.)	\$0	-VRHS hosts the co op with LOL -We assume the cost of officials, coaches, field repairs, and equipment. -Transportation of team to away games is our cost. LOL pays to transport their students to Valley
Boys Ice Hockey w/ North Haven (sending)	3	\$0	\$900/athlete participation fee	-East Haven provides equipment, uniforms, transportation, and laundry service -There are 6 schools involved in this coop
Girls Ice Hockey w/ Hand (sending)	1	\$0	\$1,100/athlete participation fee	-Hand provides equipment, uniforms, transportation, and laundry services -There are 4 schools involved in this coop
Fencing w/ Old Lyme (sending)	4	\$0	\$0	-LOL pays for coach, required transportation and required equipment
Boys Swimming w/ HK (sending)	2	\$6,000 (transportation)	\$0	-Transportation to HK for practice daily
Girls Swimming w/ Old Lyme (sending)	5	\$6,656 (transportation)	\$0	-Transportation to E Lyme for practice daily and some transportation to meets
Gymnastics (sending)	8	\$200 (leotards)	\$0	-Historic relationship where an established affiliation exists. Valley pays for uniforms on a 5 year rotation along with some supplies each year. Parents pay for a National team that competes separately through Flip Flops gym. Since students are members of Flip Flops and the National team, those coaches have arranged competition as a high school team through Valley.

District-Wide Grant Allocations

Grant	Purpose of Grant	2017-2018	2018-2019	2019-2020
REAP	Rural Education Achievement Program Targeted Supplemental Support (instruction)	Chester: \$19,494 Deep River: \$28,432 Essex: \$34,432 Region 4: \$0	Chester: \$24,855 Deep River: \$27,206 Essex: \$0 Region 4: \$0	Chester: \$18,528 Deep River: \$24,569 Essex: \$0 Region 4: \$0
Title I	Targeted Supplemental Support (instruction)	Chester: \$25,862 Deep River: \$43,989 Essex: \$36,502 Region 4: \$35,812	Chester: \$25,753 Deep River: \$39,099 Essex: \$35,516 Region 4: \$35,764	Chester: \$28,245 Deep River: \$33,651 Essex: \$16,905 Region 4: \$29,655
Title II	Targeted Supplemental Support (professional development)	Chester: \$5,197 Deep River: \$5,606 Essex: \$7,644 Region 4: \$15,253	Chester: \$5,510 Deep River: \$6,447 Essex: \$6,962 Region 4: \$17,125	Chester: \$4,703 Deep River: \$5,724 Essex: \$5,271 Region 4: \$14,749
Title III	English Language Learners	Chester: \$275 Deep River: \$1,239 Essex: \$1,377 Region 4: \$689	Chester: \$391 Deep River: \$1,433 Essex: \$1,693 Region 4: \$1042	Chester: \$542 Deep River: \$1,219 Essex: \$1,219 Region 4: \$1083
Title IV	Student Support and Academic Enrichment Grant	Chester: \$10,000 Deep River: \$10,000 Essex: \$10,000 Region 4: \$10,000	Chester: \$10,000 Deep River: \$10,000 Essex: \$10,000 Region 4: \$10,000	Chester: \$10,000 Deep River: \$10,000 Essex: \$10,000 Region 4: \$10,000
IDEA	Individuals with Disabilities Education Improvement Grant (2 parts) Assistance for Education of all Children with Disabilities ages 3-21 (Section 611) and Preschool Grants for Children with Disabilities ages 3-5 (Section 619)	611: \$376,699 619: \$18,042	611: \$377,464 619: \$17,562	611: \$381,652 619: \$17,728
Perkins	Career and Technical Education Courses Grades 9-12 only	\$15,219	\$17,206	\$15,787

Debt Service Work Sheet

2019-2020		Region 4	Bonded Debt		Issue
		Principal	Interest	Total	
8/1/2019		\$	63,300	\$ 63,300	2012
8/15/2019	\$	140,000	\$ 6,300	\$ 146,300	GO 2011
10/15/2019		\$	33,063	\$ 33,063	2011
2/1/2020	\$	765,000	\$ 63,300	\$ 828,300	2012
2/15/2020			4200	4200	GO 2011
4/15/2020	\$	500,000	\$ 33,063	\$ 533,063	2011
	\$	1,405,000	\$ 203,225	\$ 1,608,225	

2020-2021	Principal	Interest	Total	Issue
8/1/2020		\$ 51,825	\$ 51,825	2012
8/15/2020	\$ 140,000	\$ 4,200	\$ 144,200	Go 2011
10/15/2020		\$ 24,625	\$ 24,625	2011
2/1/2021	\$ 750,000	\$ 51,825	\$ 801,825	2012
2/15/2021		\$ 2,100	\$ 2,100	Go 2011
4/15/2021	\$ 490,000	\$ 24,625	\$ 514,625	2011
	\$ 1,380,000	\$ 159,200	\$ 1,539,200	

2021-2022	Principal	Interest	Total	Issue
8/1/2021		\$ 40,575	\$ 40,575	2012
8/15/2021	\$ 140,000	\$ 2,100	\$ 142,100	Go 2011
10/15/2021		\$ 24,625	\$ 24,625	2011
2/1/2022	\$ 745,000	\$ 40,575	\$ 785,575	2012
4/15/2022	\$ 495,000	\$ 12,375	\$ 507,375	2011
	\$ 1,380,000	\$ 120,250	\$ 1,500,250	

2022-2023	Principal	Interest	Total	Issue
8/1/2022		\$ 29,400	\$ 29,400	2012
2/1/2023	\$ 735,000	\$ 29,400	\$ 764,400	2012
	\$ 735,000	\$ 58,800	\$ 793,800	

2023-2024	Principal	Interest	Total	Issue
8/1/2023		\$ 14,700	\$ 14,700	2012
2/1/2024	\$ 735,000	\$ 14,700	\$ 749,700	2012
	\$ 735,000	\$ 29,400	\$ 764,400	

Virtual High School Overview

Virtual High School Courses (Current) 2019-2020	Current Budget 2019-2020	Fees 2019-2020	# of Students 2019-2020
<p>AP Computer Science A</p> <p>AP Economics</p> <p>AP Physics C</p> <p>AP Psychology</p> <p>Criminology</p> <p>Epidemics</p> <p>Genes and Disease</p> <p>German Language and Culture</p> <p>Java Fundamentals for Science and Engineering</p> <p>Journalism</p> <p>Latin 1</p> <p>Philosophy 1</p> <p>Psychology Honors</p> <p>Psychology of Crime</p> <p>Screenwriting Fundamentals</p> <p>The Human Body</p>	<p>\$16,500</p>	<p>\$400 per course, per semester</p> <p>\$75 addition fee for VHS AP classes</p> <p>Lab kit fees (\$150-225 per kit)</p> <p>VHS AP Class Cost per Student/Per Course:</p> <p>\$800 plus AP exam fee and kits (if applicable)</p> <p>(9 students enrolled in VHS AP courses)</p>	<p>26 students</p> <p>10th Grade: 1</p> <p>11th Grade: 10</p> <p>12th Grade: 15</p>

VRHS College Credit Offerings Overview and Cost Comparisons (UConn, AP, and IB)

Current College Credit Courses at VRHS 2019-2020	Current Budget 2019-2020	Fees 2019-2020	# of Students 2019-2020
University of Connecticut UConn French 4 UConn French 5 UConn Music Theory 1 UConn Music Theory 2 UConn English Language & Composition UConn Western Civilization 1 UConn Western Civilization 2 UConn Biology UConn Spanish 4	\$0	\$150 per 3 credit course \$200 per 4 credit course	62 students 9th Grade: 1 10th Grade: 3 11th Grade: 36 12th Grade: 22
Advanced Placement (non-VHS) AP Art History AP Studio Art Design Portfolio AP English Language & Composition AP English Literature & Composition AP French Language & Culture AP Biology AP Calculus AB AP Calculus BC AP Spanish AP Statistics AP Music Theory AP US History	\$8507	\$94 per exam R4 BOE pays 50% of AP exam fee (\$48 per exam)	121 students 224 exams 9th Grade: 1 10th Grade: 4 11th Grade: 43 12th Grade: 73

<p>International Baccalaureate</p> <ul style="list-style-type: none"> IB Art SL & HL IB Music SL & HL IB Global Politics HL IB French SL & HL IB Math Applications SL IB Literature SL & HL IB Spanish SL & HL IB Math Analysis SL IB Business SL & HL IB Physics SL IB Biology SL IB History 	<p>\$12,100</p>	<p>\$11,650 (actual annual fee IB DP) <u>2020-2021</u> anticipated IB exam fees in addition to annual fee: \$714 per DP student \$119 per course (for non DP participants)</p>	<p>11th Grade Only: 17 IB DP 12 students enrolled in at least one IB course</p>
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Object 5510 & 5513

Transportation Expenses

2020-2021

There are 15 buses used daily for transportation to all buildings
There are two waves. One wave does the JW & VR schools and the second wave does the elementary

A regular Type I bus costs
A Type II bus costs

/ day	Days	Annual Costs	Cost/wave
285.84	180	\$ 51,451	\$ 25,726
273.9	180	\$ 49,302	

Reg 4	JW & VR	Times	Annual	Budget
Wave I Reg 4 JW & VR EXP	15	\$ 25,726	\$ 385,884	5510 \$ 774,034 Supervision
Wave 2 Elementary	15	\$ 25,726	\$ 385,884	5510 \$ 55,218 Region 4 Budget
Vinal Tech Bus Reg 4	1	239.57	\$ 43,123	5510 JW \$ 10,529 Region 4 Budget
Late Buses Reg 4	1	\$55/day	\$ 10,529	5510 VR \$ 22,000 Region 4 Budget
Type II SPED Bus Wave 1-2	2	\$ 49,302	\$ 98,604	5510 \$ 43,125 Region 4 Budget
			\$ 924,024	5626 \$ 43,000 FUEL
				Total \$ 947,906

Wave I Reg 4 JW & VR EXP
Wave 2 Elementary
Vinal Tech Bus Reg 4
Late Buses Reg 4
Type II SPED Bus Wave 1-2

	Chester 4 Buses				Deep River 4		Essex 7	
4	\$ 25,726	\$ 102,902	4	\$ 25,726	\$ 102,902	7	\$ 25,726	\$ 180,079
Pre K 1 Bus Shared		\$ 11,064			\$ 11,064			\$ 11,064
Mid day 3 Buses	51.82/day/Bus	\$ 7,514			\$ 7,514			\$ 7,514
Type II SPED Bus Wave 2	Split 4 ways	\$ 24,651			\$ 24,651			\$ 24,651
	FUEL	\$ 11,468			\$ 11,468			\$ 20,064
Total / location		\$ 157,599			\$ 157,599			\$ 243,372

Fuel is billed separately We expect to pay between \$85,000 & \$90,000 for fuel
Field & Athletic Trips are billed separately
* Same Type II bus does the high school pickup and then proceeds to the elementary pickup.

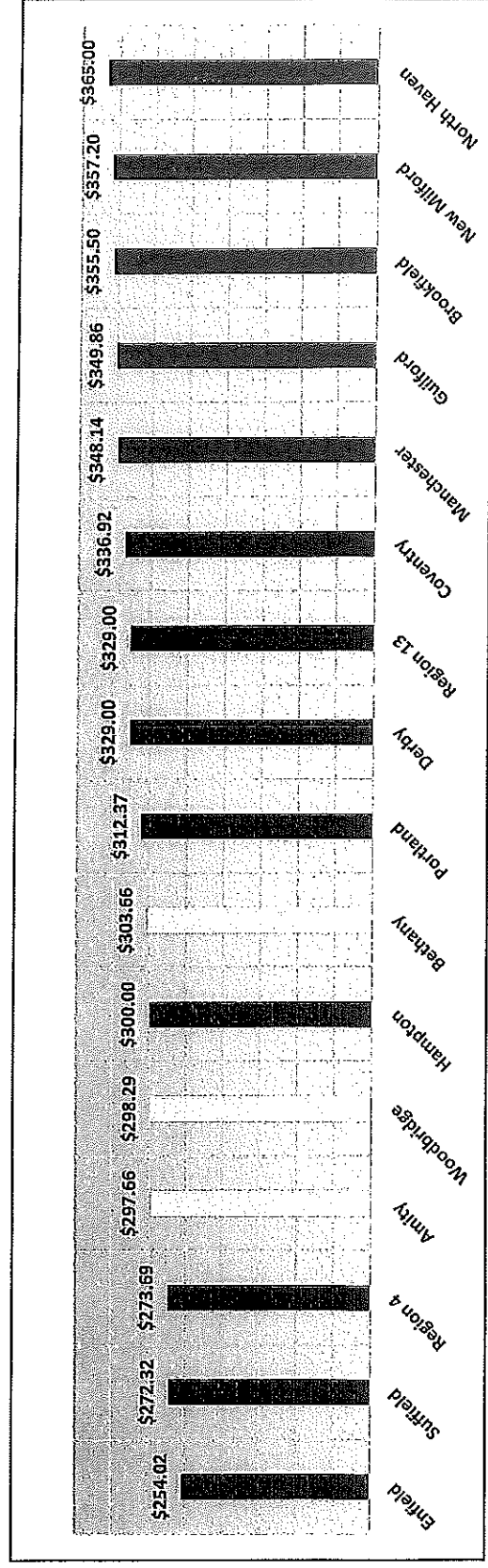
Town	Land Mass	Sq. Miles
Chester	16.0	Sq. Miles
Deep River	13.6	Sq. Miles
Essex	10.4	Sq. Miles
	40.0	

First Student is the contractor. 2019-20 is the first year of a five year contract
In 2018-19 we purchased approximately 36,400 gallons of fuel for \$85,585
This amount of fuel equates to approximately 291,000 miles traveled
Revised 1/30/2020
Revised 1/28/2020

CASBO
Transportation Rate Survey
(September 2019)

District	Provider	Contract Term (Years)	Current Daily Rate	% Increase	Comments
Enfield	Smyth Bus Co.	3	\$254.02	2.0%	Option for 2 year extension.
Suffield	M&J	5	\$272.32	2.3%	Option for 3 year extension.
Region 4	First Student	5	\$273.69	2.8%	Current term FY20 - FY24; Annual increase 2.75% - 3.0%
Amity	Owner Operator	5	\$297.66	2.0%	Based on 185 maximum transport days per year
Woodbridge	Owner Operator	5	\$298.29	2.0%	Based on 185 maximum transport days per year
Hampton	East Conn	5	\$300.00	0.0%	Current term FY20 - FY24; 0% years 1-3; 7% year 4; 2% year 5
Bethany	Owner Operator	5	\$303.66	2.0%	Based on 185 maximum transport days per year
Portland	M&J	5	\$312.37	2.8%	Current term FY17 - FY21
Derby	All-Star	5	\$329.00	3.0%	Current term FY19 - FY23
Region 13	Datco	5	\$329.00	3.5%	
Coventry	M&J	5	\$336.92	4.5%	Annual % increase 4.45% year 1; 3.95% years 2 - 5
Manchester	Datco	5	\$348.14	3.0%	Current term FY18 - FY22
Guilford	Specialty Transport	5	\$349.86	2.0%	
Brookfield	All-Star	5	\$355.50	3.0%	Annual % increase 3%, 2.1%, 3.9%, 3%
New Milford	All-Star	5	\$357.20	3.0%	Current term FY19 - FY23; 3% increase years 2 - 5; 0% year 1
North Haven	M&J	5	\$365.00	3.0%	Current term FY16 - FY20

Average: \$317.66 2.5%



District	Vendor	20-21 Type I	20-21 Type II	21-22 Type I	21-22 Type II	22-23 Type I	22-23 Type II
Old Saybrook	M&J	323.99	323.99	338.57	338.57	352.96	352.96
East Lyme	First Student	301.05	286.55	309.33	294.43	N/A	N/A
Guilford	Specialty	356.86	356.86	363.99	363.99	371.27	371.27
Stonington	First Student	320.31	320.31	329.92	329.91	339.82	339.82
Salem	M&J	\$314.67	\$309.00	\$324.11	\$318.27	\$333.84	\$327.82
Rocky Hill	Durham	310.99	280.44	N/A	N/A	N/A	N/A
Whethersfield	Autumn	311.21	296.15	311.21	296.15	N/A	N/A
East Haven	Durham	452	369	N/A	N/A	N/A	N/A
New Britain	First Student	397.51	397.51	407.45	407.45	417.64	417.64
Meriden	New Britain	355.56	324.79	362.49	331.12	369.74	337.75
RSD 13	Dattco	340.52	310.5	352.43	321.37	364.77	332.62
Lisbon	First Student	355.69	355.69	366.36	366.66	N/A	N/A
Andover/Hebron, Marlborough, RSD 8	Dattco	324.14	316	333.53	325	343.2	334.5
Winchester	All Star	368	332	N/A	N/A	N/A	N/A
New Fairfield	First Student	368.12	328.37	379.02	338.09	390.24	348.1
RSD 10	All Star/STA	341.93	341.93	355.6	355.6	N/A	N/A
Coventry	M&J	350.23	350.23	364.07	364.07	378.45	378.45
RSD 9	First Student	497.71	379.74	507.66	387.33	517.61	395.08
Litchfield	All Star	333	333	343	343	N/A	N/A

REGION 4

	CO	VALLEY REG.	J. WINTRHOP	CHESTER	DEEP RIVER	ESSEX	TOTAL	
2016-17		0	\$ 120,610	\$ 68,621	\$ 45,989	\$ 50,507	\$ 386,222	
2017-18	3531	\$ 126,065	\$ 79,906	\$ 43,793	\$ 45,772	\$ 101,705	\$ 400,772	
2018-19	0	\$ 96,203	\$ 90,959	\$ 40,684	\$ 45,567	\$ 99,103	\$ 372,516	Budgeting for lease
2019-20	\$ 3,500	\$ 107,990	\$ 80,012	\$ 47,302	\$ 40,940	\$ 111,505	\$ 391,249	
2020-21	\$ 9,000	\$ 104,786	\$ 69,866	\$ 64,234	\$ 48,567	\$ 111,505	\$ 407,958	

DISTRIBUTION OF LEASE EQUIPMENT

	Central Office	Valley Regional	John Winthrop	Chester	Deep River	Essex	
2016-2017		\$99,318	\$86,260	\$55,144	\$73,619	\$87,079	\$ 401,420
2017-2018	\$16,423	\$209,227	\$78,805	\$43,628	\$45,772	\$83,926	\$477,781
2018-2019		\$88,000	\$69,000	\$39,600	\$54,200	\$69,000	\$319,800
2019-2020		\$87,500	\$43,500	\$47,200	\$15,750	\$47,200	\$241,150
2020-2021		\$99,318	\$86,260	\$35,079	\$39,730	\$67,581	\$327,968
2021-2022		\$99,318	\$86,260	\$55,144	\$73,619	\$87,079	\$401,420

2.99% TD BANK

Lease Payments

16-17	\$91,640	\$64,938	\$49,511	\$67,351	\$92,656				
17-18		\$64,938	\$49,511	\$67,351	\$92,656	\$91,954			
18-19			\$49,511	\$67,351	\$92,656	\$91,954	\$69,876		
19-20				\$67,351	\$92,656	\$91,954	\$69,876	\$80,000	
20-21					\$92,656	\$91,954	\$69,876	\$80,000	80000
21-22						\$91,954	\$69,876	\$80,000	80000
22-23							\$69,876	\$80,000	80000

\$91,640 \$129,876 \$148,532 \$269,404 \$463,282 \$459,768 \$349,378

Object 5322

Course Reimbursement History

Site	2016-2017		2017-18		2018-19		2019-2020		1/1/2020		2020-2021	
	Request	Budget	Actual	Request	Budget	Actual	Request	Budget	Actual	Request	Budget	Request
Supervision	\$ 38,913	\$ 10,740	\$ 27,466	\$ 33,852	\$ 28,000	\$ 15,314	\$ 26,870	\$ 10,740	\$ 10,236	\$ 27,180	\$ 7,000	\$ 20,385
Valley Reg.	\$ 37,769	\$ 9,934	\$ 6,475	\$ 33,852	\$ 10,845	\$ 9,293	\$ 42,224	\$ 10,000	\$ 12,927	\$ 65,232	\$ 10,000	\$ 69,309
J Winthrop	\$ 34,335	\$ 11,635	\$ 8,828	\$ 41,106	\$ 11,635	\$ 4,169	\$ 44,783	\$ 10,000	\$ 3,889	\$ 21,506	\$ 9,000	\$ 34,335
Chester	\$ 12,590	\$ 5,335	\$ 10,301	\$ 10,881	\$ 5,725	\$ 10,881	\$ 11,516	\$ 20,000	\$ 25,781	\$ 10,872	\$ 7,000	\$ 9,513
Deep River	\$ 35,480	\$ 8,704	\$ 19,090	\$ 29,016	\$ 7,204	\$ -	\$ 38,385	\$ 7,500	\$ 5,118	\$ 31,257	\$ 7,500	\$ 28,539
Essex	\$ 21,746	\$ 15,000	\$ 16,771	\$ 18,135	\$ 10,000	\$ -	\$ 25,590	\$ 7,000	\$ 1,280	\$ 10,872	\$ 7,000	\$ 12,231

Region 4 Technology Lease Expenditures
Valley Regional High School
School year 2019-2020

	Units	Per Unit Cost	Total Cost	Department
iMac	22	\$1,818.00	\$ 39,996.00	Graphic Arts
Edulastic	500	\$4.00	\$ 2,000.00	Science
Screencastify	1	\$2,640.00	\$ 2,640.00	School Wide
Smartboard	1	\$4,638.45	\$ 4,638.45	Math
Adobe Creative \$	100	\$24.06	\$ 2,406.00	Graphic Arts
Presto	1	\$1,650.00	\$ 1,650.00	School Wide
AVG License	1	\$1,559.95	\$ 1,559.95	CAD computers
Total			\$ 54,890.40	

Region 4 Technology Lease Expenditures
John Winthrop Middle School
2019-2020

	Units	Per Unit Cost	Total Cost	Department
Wireless System (40 AP and 5 YR Lic)	1	\$33,120.00	\$ 33,120.00	School Wide
Chromebooks	120	\$370.60	\$ 44,472.00	7th Grade class
Total			\$ 77,592.00	

Proposed Region 4 Technology Lease Expenditures
Valley Regional High School
School year 2020-2021

	Units	Per Unit Cost	Total Cost	Department
Chromebook Replacement	170	\$370.60	\$ 63,002.00	Eleventh Graders
Smartboard	4	\$4,638.45	\$ 18,553.80	Math/Special Education
Eduastic	500	\$4.00	\$ 2,000.00	Science
Screencastify	1	\$2,640.00	\$ 2,640.00	School Wide
Adobe Creative Suite	100	\$24.06	\$ 2,406.00	Graphic Arts
Presto	1	\$1,650.00	\$ 1,650.00	School Wide
AVG License	1	\$1,559.95	\$ 1,559.95	CAD computers
Total			\$ 91,811.75	

*** the current
G4 will not run
the SBAC
testing in 2021

Region 4 Technology Lease Expenditures
John Winthrop Middle School
2020-2021

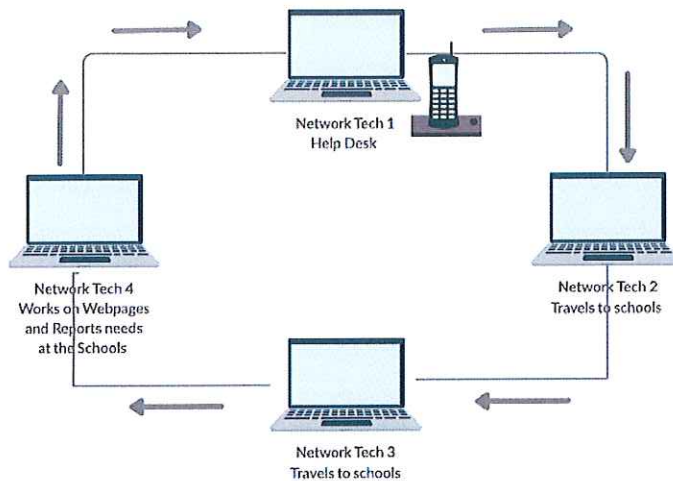
	Units	Per Unit Cost	Total Cost	Department
Network Switches (8 switches)	1	\$45,000.00	\$ 45,000.00	School Wide
Chromebooks	125	\$370.60	\$ 46,325.00	7th Grade class
Total			\$ 91,325.00	

*** This is an estimate, working
with vendor on better pricing

Proposed Network Technician's Relocation 2020-2021 Budget

Future 2020-2021

All four network technicians will work out of one centralized location.



Current 2019-2020

The middle school and high school technicians do not travel between schools. Each technician is responsible for their school technology needs. The elementary technicians travel between two elementary schools: Sept - Jan. the Chester technician travels. Feb - Jun the Essex technician travels. We are enforcing the ticketing system as our primary source of work. We have had 500 tickets since August 1, 2019, with 24 tickets still open as of 10/21/19.

Past 2018-2019

The four network technicians each work in a dedicated school. Each technician was responsible for their school technology needs. The network technician from Deep River Elementary School retired in June 2019. It was decided not to fill that position. The ticketing system was not strictly enforced. We had only 221 tickets since August 1, 2018, however there were 42 tickets that we still open on 10/21/18

Cost Differential

	2019-2020	2020-2020
Supervision	2.0 FTE billed to Chester, Deep River, and Essex	4.0 FTE billed 4 way based on ADM
4.0 FTE Network Technicians	2.0 FTE billed to Region 4	