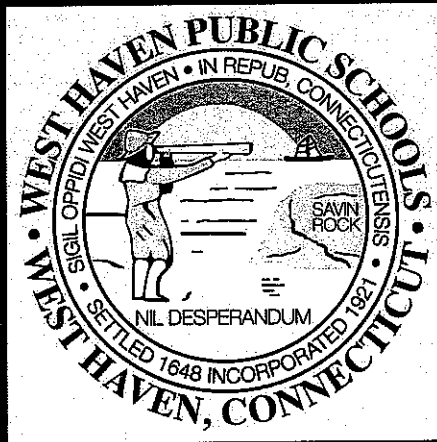


# 2019 Technology Status Review For:



June 17, 2019  
West Haven Board of Education Meeting

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## TBNG Consulting: Fun Fact

### West Haven High School

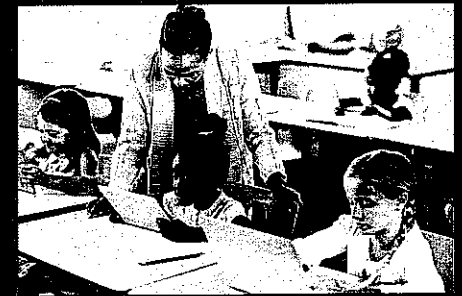
- Joe Vecellio '84
- Michael Paone '87
- Philip Grande Jr. '87
- Steven Maresca - '04
- Jeff Tagliatela – '04
- Matt Fusaro - '06
- Amanda Zilinskas -'09
- John Bien-Aime -'09

### Notre Dame High School

- Lou Ardolino '88
- Jeffrey Grande '90
- Robert Baird – '93
- Michael Grande '98
- Michael Melillo – '99
- Evan Mikulski – '18

## District Technology Challenges:

- Pushing technology devices down through primary grades
- Maintaining computer labs/laptop carts for SBAC and other mandated testing – approximately 5+ years old
- Maintaining instructor laptops for optimal reliability & mobility
- Maintaining backbone infrastructure in aging schools facilities
- Coordinate device management across the enterprise:
  - Donor Chooses, grants, etc. – assorted device models and licensing issues.
  - Difficult to include in maintenance structure
- Static G-39 Budget of \$320k to support this infrastructure – not enough



## Additional Challenges:

- Currently: 5,835 students and 883 Employees across 11 locations all require access to network devices (laptops, workstations, tablets, etc.).
- WHPS has utilized Federal ERATE funding to support wireless and network equipment/WAN links updates across all 11 locations. ERATE does not support any end-user devices.
- State DOE electronic testing mandates – no more state grants to bolster local budgets.
- Rapid increase (past 5 years) in electronic curriculum (E-Books, Google Classroom, etc.).



## Upgrade Path with Chromebooks:

- 3 Year financing plan vs. capital purchase
- This initiative drives new technology to the primary grades
- Focuses on the delivery of new educational content through Google Classroom and associated applications
- Classroom cart configurations – Chromebooks reside in designated classrooms with instructors.



# 2019-2020 Chromebook Deployment Overview:

Grade	# of Classrooms	# of Devices	# of Carts
K	6	180	6
1	6	180	6
2	6	180	6
3	24	720	24
4	31	720	24
Spares	0	198	-
5	20	600	20
6	25	665	22
Spares	0	127	-
7	20	600	20
8	22	630	21
Spares	0	123	-
<b>Totals:</b>	<b>160</b>	<b>4,923</b>	<b>149</b>



## 2019-2020 School Lab Upgrade:

School	# of Labs	# of Devices	Total # Devices
Forest	1	30	30
Pagels	1	30	30
Mackrille	1	30	30
Haley	1	30	30
Washington	1	30	30
Savin Rock	1	30	30
Carrigan 5-6	2	30	60
Bailey Middle School	2	30	60
<b>Totals:</b>	<b>10</b>	<b>240</b>	<b>300</b>

Note: projected costs based on NASPO/CT DAS Contract values. Forward looking projections may vary based on actual costs at purchase



# 2018-19 Current District Device Composite:

<u>School</u>	<u># of End User Devices</u>	<u>Average Age</u>	<u>Desktops</u>	<u>Laptops</u>	<u>Tablets</u>
Central Office	71	1.5	2	2	67
Forest	250	5	126	34	90
Haley	243	4	99	33	111
Mackrille	179	5	59	60	60
Pagels	244	6	137	33	74
Washington	182	4	94	19	69
Savin Rock	260	5	135	30	95
Bailey	391	6	173	211	7
Carrigan	364	4	200	164	0
WHHS	623	5	294	223	106
Bailey - Instructor	99	3	0	99	0
WHHS - Instructor	134	2.5	0	134	0
<u>Molloy (NIF)</u>	<u>15</u>	<u>4</u>	<u>15</u>	<u>0</u>	<u>0</u>
	<b>3055</b>	<b>4.2</b>	<b>1334</b>	<b>1042</b>	<b>679</b>

Note: current inventory excludes any spares or broken gear.

