

# New Fairfield Public Schools Technology Update

February 20, 2020

Presented by Dr. Karen A. Fildes

Director of Technology and Communications



# Revisiting Goals



The district will improve student achievement for all students evidenced through **multiple measures** (Student Achievement). The district will focus on closing the achievement gap between regular and special education students.

The district will provide all students with high quality instruction and coherent and aligned curricula, resources, and assessments. **The district will assess and institute best practices for technology integration into student learning.**

The district will create a positive school, district, and town culture based on authentic school-home partnerships, ongoing **communication**, and family and community engagement opportunities.

## Goals aligned with the Superintendent's Goals

# Infrastructure

## Laying a Foundation

- ▶ LAN/WAN Wireless
- ▶ Firewall
- ▶ Security
- ▶ Privacy
- ▶ Communication



# Data

- ▶ PowerSchool
- ▶ Express Enrollment
- ▶ Performance Matters



# PowerSchool

- ▶ Completed Semester 1, T1 (Soon to Complete T2 K-8)
- ▶ 2020-2021 Scheduling In Process

PowerSchool SIS

Welcome [Redacted] Help Sign Out

Grades and Attendance [Redacted]

Click Here to see a list of all your students past assignments for this term.

Grades and Attendance

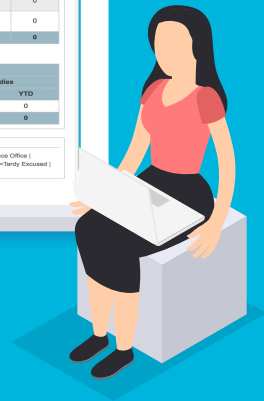
Exp	Last Week					This Week					Attendance By Class		Absences	Tardies	
	M	T	W	H	F	M	T	W	H	F	Course	Q1			Y1
1(A)	-	-	-	-	-	-	-	-	-	-	Perspectives: Sr Eng Exp Email Gruenberg, Noel - Rm: 210	B+	B+	0	0
2(A)	-	-	-	-	-	-	-	-	-	-	Intro to Statistics Email Berardo, Deanna - Rm: 307	[1]	[1]	0	0
#23(A,B)	-	-	-	-	-	-	-	-	-	-	Relief33 Email Randell, Karyn - Rm: 135	[1]	[1]	0	0
3(A)	-	-	-	-	-	-	-	-	-	-	AP French Lang Email Hunt, Robert - Rm: 202	A	A	0	0
4(A)	-	-	-	-	-	-	-	-	-	-	Academy Email Santarelli, Marco - Rm: 315	95	95	0	0
1(B)	-	-	-	-	-	-	-	-	-	-	Study Hall Email Mason, Paul - Rm: Cafeteria	100	100	0	0
2(B)	-	-	-	-	-	-	-	-	-	-	Meteorology Email Suter, Ryan - Rm: 316	[1]	[1]	0	0
3(B)	-	-	-	-	-	-	-	-	-	-	AP Environmental Science Email Saha, Kimberly - Rm: 319	B	A-	0	0
4(B)	-	-	-	-	-	-	-	-	-	-	AP Environmental Science (LAB) Email Saha, Kimberly - Rm: 319	87	[1]	1	0
Attendance Totals												[1]	[1]	0	0

Show dropped classes also

Last Week		This Week		Absences		Tardies	
M	T	W	H	F	M	T	W
0	0	0	0	0	0	0	0
Attendance Totals				0	0	0	0

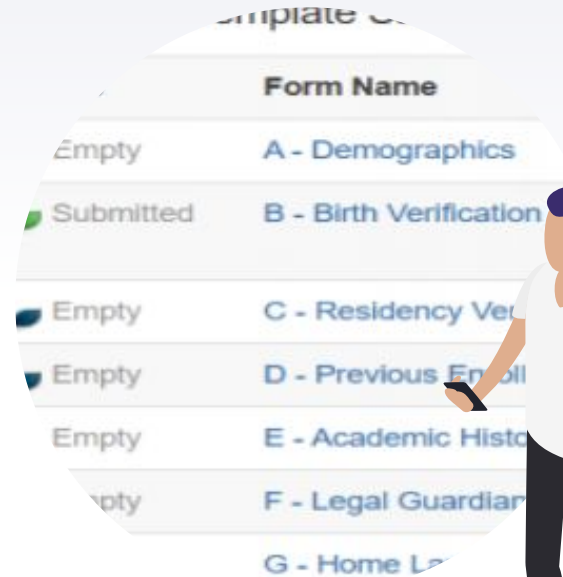
Legend

Attendance Codes: Blank=Present | ABV=Absent Verified | AE=Absent Excused | AUA=Absent Unexcused | CL=College Visit | CRT=Court | CUT=Truant | GUI=Guidance Office | HSD=Homebound (Resisting Tutoring) | LL=Leave | SS=In School Suspension | MED=Medical Note | NUR=Nurse's Office | OSS=Out of School Suspension | SCA=School Activity | TD=Tardy Excused | TTS=Truancy to School | TU=Truancy Unexcused



# Enrollment Express

Online Registration & Annual Forms



	Form Name
Empty	A - Demographics
Submitted	B - Birth Verification
Empty	C - Residency Ver
Empty	D - Previous Enroll
Empty	E - Academic Histo
Empty	F - Legal Guardian
	G - Home L

## Online Registration & Annual Forms

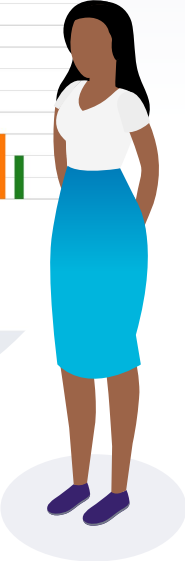
The screenshot displays the PowerSchool SIS Enrollment Express interface. The top navigation bar includes the PowerSchool SIS logo, user names (Hannah, Chrissie, Tara), and tabs for General Forms, Class Forms, Enrollment, and Student Support. A left-hand navigation menu lists various school-related functions. The main content area is titled "Enroll Form Listing for Abraham, Hannah Susan" and features a search bar and a table of enrollment forms.

Status	Form Name	Form Description	Category	Last Entry
Empty	A - Demographics	Enrollment Forms	Enrollment Template Sample	
Submitted	B - Birth Verification	Enrollment Forms	Enrollment Template Sample	2019-10-18 14:53:01.0
Empty	C - Residency Verification	Enrollment Forms	Enrollment Template Sample	
Empty	D - Previous Enrollment and Records Release	Enrollment Forms	Enrollment Template Sample	
Empty	E - Academic History	Enrollment Forms	Enrollment Template Sample	
Empty	F - Legal Guardians	Enrollment Forms	Enrollment Template Sample	
Empty	G - Home Language Survey	Enrollment Forms	Enrollment Template Sample	

Embeds  
directly into  
PowerSchool  
SIS

# Performance Matters

Data Dashboard





# Baseball Card Report

Comparison Chart Manage Columns Share Download

Search

- Grades
- NFPS Assessments
- Fountas and Pinnell
  - Independent
    - 147 Independent Level - Sep 18-19
    - 144 Independent Level - May 18-19
    - 144 Independent Level - Jun 17-18
  - Instructional
    - 147 Instructional Level - Sep 18-19

**Add Student Filter**

Current Grade [4] x

**Apply swatching**

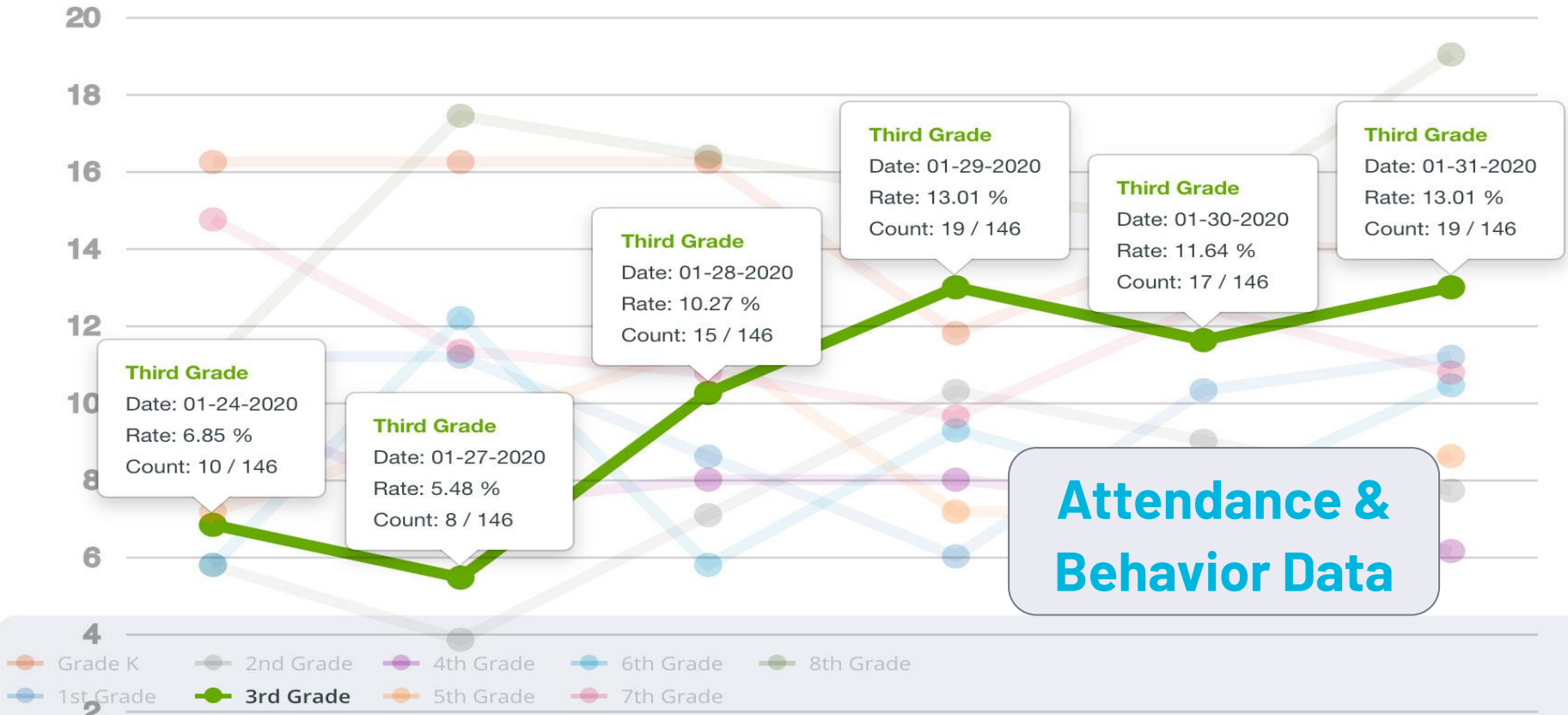
162 students

	NFPS Assessments Writing Assessments Informational Post Assessment 2018-2019 3rd Grade Total Score	NFPS Assessments Writing Assessments Narrative Post Assessment 2018-2019 3rd Grade Total Score	Fountas and Pinnell Independent Level - Sep 2018-2019	Fountas and Pinnell Independent Level - May 2018-2019	Fountas and Pinnell Instructional Level - Sep 2018-2019	Fountas and Pinnell Independent Level - Jun 2018-2018
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Student Name ▲	1	2	3	4	5	6
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						

District Wide  
Data Points

# Absence Rates: % of Students



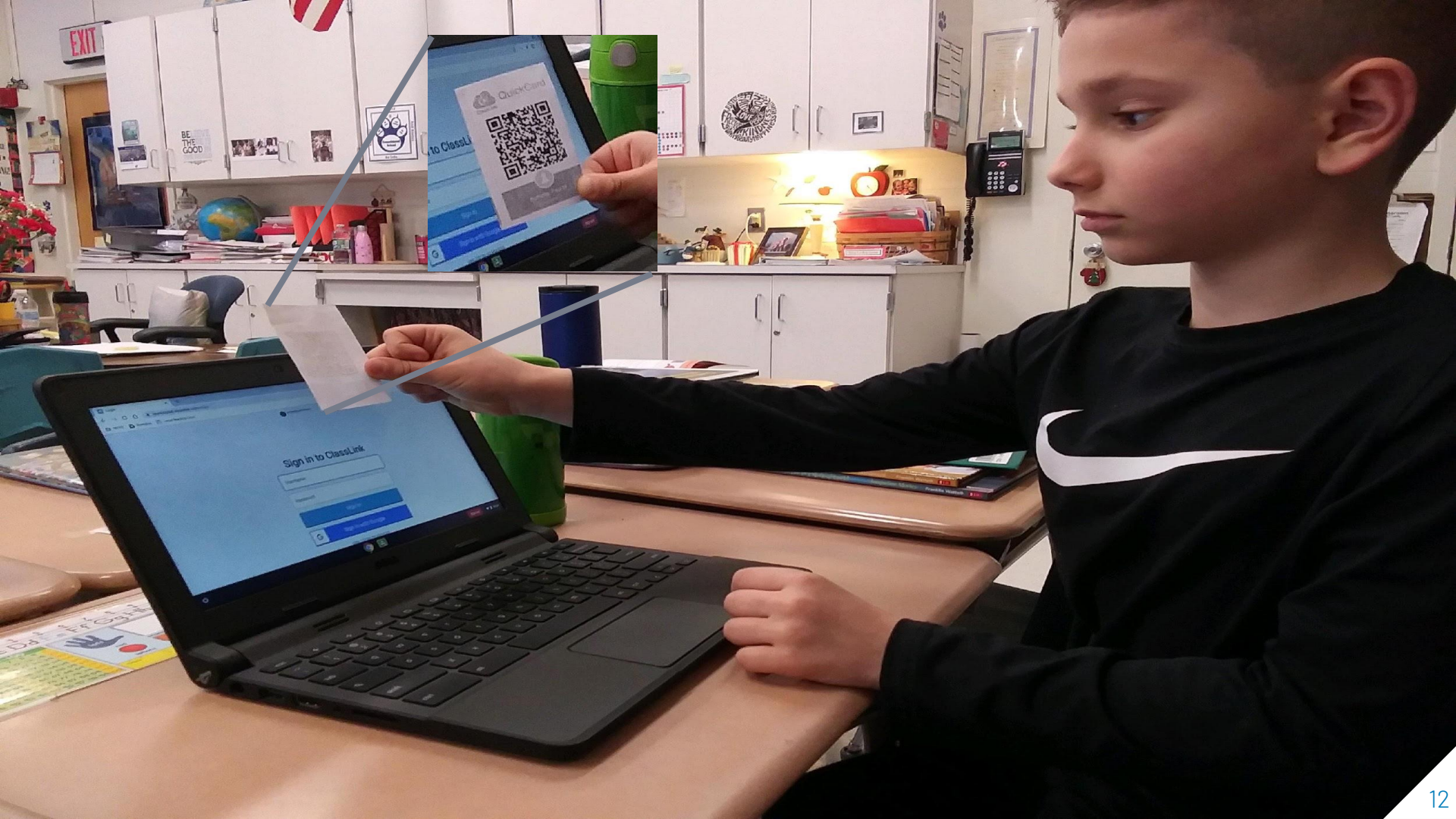
**Attendance & Behavior Data**

- Grade K
- 2nd Grade
- 4th Grade
- 6th Grade
- 8th Grade
- 1st Grade
- 3rd Grade
- 5th Grade
- 7th Grade

# Instruction

- ▶ ClassLink
- ▶ Assured Experiences - Library Media Supporting Core Instruction
- ▶ Planning for STEAM Pathways
  - ▶ Computer Science/ Robotics/Engineering
  - ▶ Digital Media







BrainPOP



BrainPOP Jr.



Google Resources



HMH ED



Lexia Reading Core5 (Stud...)



McGraw-Hill ConnectED



MHHS Home Page



myLexia



Newsela OAuth



Origo Slatecast



Pearson EasyBridge



PebbleGo Next



PebbleGo Teachers



Renaissance



Storia (Students)



Sumdog



Zupelz

Personalized LaunchPad



# HMH ED



### UNIQUE USERS

# 402

0 Last Year  
0 Licensed Users

### APPLICATION COST

# \$0.00

\$0.00 Last Year

### REMAINING SUBSCRIPTION

# 0 DAYS

## Statistics on Resource Use

AUG 1, 2019 - JUL 31, 2020

### TOTAL LAUNCHES

# 4,136

Students	89%
Teachers	11%

### AVG. UNIQUE LAUNCHES PER DAY

# 23

Students	87%
Teachers	13%

### AVG. UNIQUE LAUNCHES PER MONTH

# 137

Students	96%
Teachers	4%

### TOTAL TIME SPENT

# 23m ↘ 94%

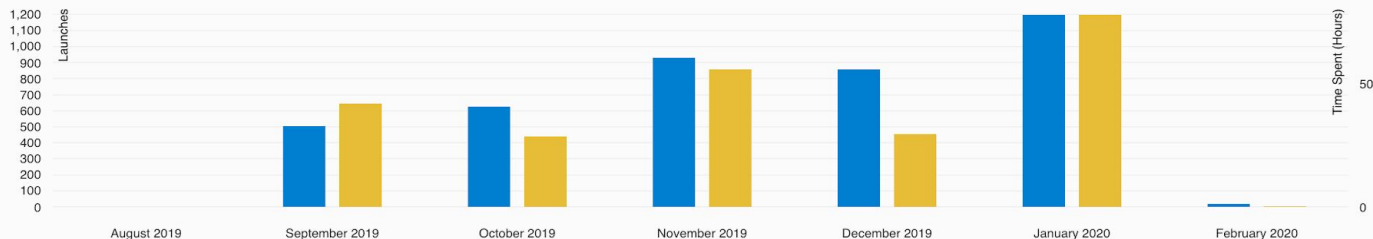
6h 21m Last Week



### TOTAL USAGE PER

DAY WEEK MONTH

AUG 1, 2019 - JUL 31, 2020













## Overview

- Users
- Goals
- Info
- Custom Links
- Licenses (Costs)

## TOP APPS BY LAUNCHES

AUG 1, 2019 - JUL 31, 2020

APP	SOURCE	LAUNCHES ↓	TOTAL TIME SPENT	AVG. TIME / LAUNCH
 Powerschool Public	District	19,746	115h	3m
 Pearson EasyBridge	District	11,604	153h	1m
 Renaissance	District	9,770	2,927h	16m
 Google Classroom	District	8,196	235h	3m
 Sumdog	District	7,043	2,008h	15m
 HMH ED	District	4,136	239h	3m
 PowerSchool Teacher	District	3,799	840h	18m
 Lexia Reading Core5 (Student)	District	3,029		
 Newsela OAuth	District	2,882		
 BrainPOP	District	1,628		

Top Resource  
Use

# Assured Research Experiences



Classroom



Library



Technology



# Computer Science/ Robotics/Engineering Pathway

## K-6 "Computer Science for All"

- Coding in LMS classes K-6 (ex: Code.org)
- PLTW Exposure
- Vex Robotics
- Coding Class Grade 6



## Grades 7 & 8 - Interest Based

- Robotics and Coding Through Clubs and PLC for Students Who Show Interest or Aptitude



## HS - Advanced, Career-Based Coursework

- Vex Robotics (Opportunity for Competition)
- Advanced Computer Science Study (ex: Amazon Future Engineers Program)
- Partnerships with Colleges & Universities



amazon  
future >>  
engineer



# Digital Media Pathway

## K-6 - Communication of Ideas (Multimedia)

- Communicating Learning Using Varied Technology
- LMS Curriculum



## Grades 7 & 8 - Interest Based

- TV Broadcasting
- PLC/Lunch Workshops



## HS - Advanced, Career-Based Coursework

- Broadcast Journalism
- Digital Media Movie Making (Student Film Festivals)
- Advanced Digital Media Courses (ex: Advanced TV Broadcasting, Mobile App Design, Wearable Technology)



# ▶ Thank You to the IT Team

