



TECHNOLOGY COMMITTEE MEETING

February 9, 2022



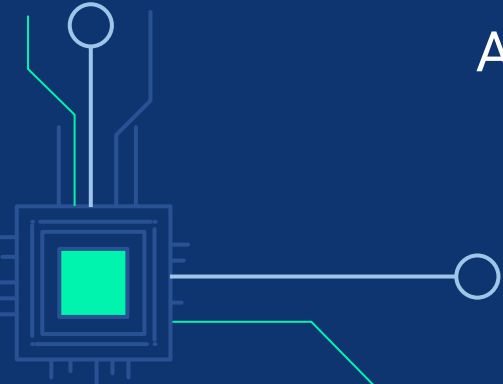


01



INTRODUCTION

Cara DiMeo
Assistant Superintendent of Secondary
Curriculum and Instruction



DISTRICT TECHNOLOGY GOALS

2016-17

The district will **increase access** to **digital resources** integrated across the curriculum, including **online courses and assessments**.

2017-18

The application of technology will enable more **personalized, cross-curricular, and problem-based student learning** at all levels, and **improve district productivity and communication** cost effectively through new **platforms and systems**.

2018-19

Pilot and implement **programs that promote computational thinking and its applications** in preparation to meet new state requirements by 2021; support a whole child approach and **improved data analysis** to make informed decisions.

2019-20

Focus on technology practices that **improve differentiated learning, promote careers, and foster computational thinking** at all levels.

2020-21

Ensure **equitable access to technology resources** for all students and **integrate technology into daily instructional practices**, allowing students to **safely access information remotely** or in person to **enhance differentiation, promote career learning and foster computational thinking** at all levels.

2021-22

Implement a targeted approach to college and career readiness skills for both staff and students by (1) **providing equitable access to digital learning opportunities both in school and at home**; (2) **maximizing the efficiency of our one-to-one initiative**; (3) **enhancing cross-curricular teaching and learning** through an integrated approach to technology instruction; (4) **leveraging technology tools and resources to enhance teaching and learning**

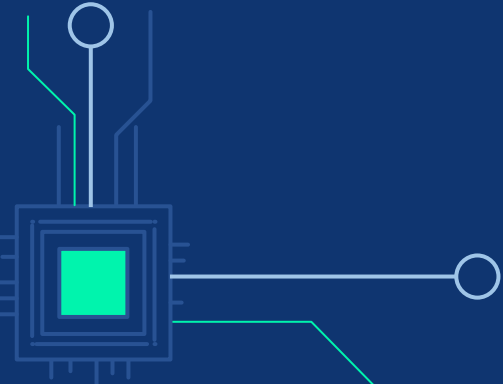


02



STATE OF TECHNOLOGY

Jay Attiya
Director of Technology



TECHNOLOGY IMPROVEMENTS SINCE 2014

INFRASTRUCTURE

2014 Upgraded electronics
2020 - HS/MS Refresh

INTERNET BANDWIDTH

2014 - 90 MB
Today - 4 GB

WIRELESS NETWORK

2015 - 300 total AP's
2017 - 950 total AP's

CHROMEBOOK TOTALS

2015 ~ 2,500, 2016 ~ 5,200
2017 ~ 6,000, 2018 ~ 8000
Today ~ 16,000

COMPUTER UPGRADES

Ongoing upgrades to
outdated classroom and
lab computers

PRODUCTIVITY TOOLS

Migration to Gmail and
Google Docs





RECENT TECH ENHANCEMENTS

1-TO-1 PROGRAM

Chromebook assigned to every student in Grades 5-12, class sets in other grades

TEACHER CHROMEBOOKS

Touchscreen chromebooks provided to teachers

KINDERGARTEN CB'S

Class sets of touchscreen CB's in every KG classroom

DOCUMENT CAMERAS

Doc camera with microphone provided to every classroom

INFRASTRUCTURE

Upgraded network electronics in all the secondary schools

SOFTWARE

Google Enterprise, Securly Classroom, Little SIS and more





UPCOMING TECH ENHANCEMENTS

EXPANDED WIFI COVERAGE

Additional WiFi access points to cover all classrooms

ELEMENTARY CB'S

A Chromebook available for every student in Gr PK-4 Elementary classrooms

COMPUTER UPGRADES

Upgrades to oldest classroom desktop computers

INFRASTRUCTURE UPGRADES

Upgrades to core servers and electronics

HOME DEVICES

Federal funding to provide devices and Internet for at home use for students with need (ECF)

HARDWARE ADDITIONS

Mobile Smartboards, devices for special programs



TECHNOLOGY BUDGET: "FIVE YEAR" ROLLING LEASE PROGRAM

~~12-13=\$700K~~

17-18=\$700K

~~13-14=\$750K~~

18-19=\$750K

~~14-15=\$1.7M~~

19-20=\$850K

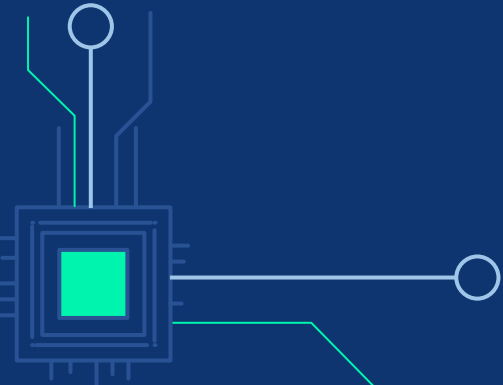
~~15-16=\$1.7M~~

20-21=\$850K

~~16-17=\$750K~~

21-22=\$750K

22-23=\$700K



RECENT TECH PURCHASES FROM OUTSIDE FUNDING

CARES ACT

\$760K - 2,575 CHROMEBOOKS, SOFTWARE LICENSING

BRIDGING THE DIGITAL DIVIDE

\$1.9M - 6,000 CHROMEBOOKS AND PROTECTIVE CASES

ESSER II

\$340K - SOFTWARE LICENSING

