



#### CYBER SECURITY 2020

Districts have strengthened cybersecurity defenses and firewall services to help provide teachers and students learn and teach safely online

2020

2019

**INTERACTIVE**  
Replaced projectors with interactive and touchscreen equipment



**106** Fiber ring speed increase for districts resulting in faster Internet speed

2018

**APPS 2018**  
Mobile apps for administrators, teachers AND students introduced  
Zone-printing management systems implemented



**COMMUNICATION 2013**  
School phone systems expand



2009

**INFRASTRUCTURE 2009**  
Campus-wide wireless infrastructure. Schools continue to improve infrastructure every year

**GRADING 2004**  
Electronic grading and attendance software

2004



**STUDENTS 2003**  
Student Reading Programs (AR, RC)

2003

**PROGRESS 2006**  
Achievement data analysis tools

2006

1:1

**Device for Each student 2005**  
Districts begin to work toward a 1:1 ratio between students and technology

2005

**PARENT PORTAL 2007**  
Anytime, Anywhere Access to electronic grade books and student/parent portal

2007

**E-LEARNING 2008**  
Access to online research databases AND survey feedback tools

2008

**INTERACTIVE 2010**  
LCD projectors, whiteboards document cameras, server virtualization

2010

**HELP DESK INITIATIVE 2011**

2013

**TESTING 2012**  
Standards-based assessment, instruction and test preparation

2012

2015

**EARLY LEARNERS 2015**  
iPads for early learners and kindergartners  
Implementation of survey feedback tools in more districts

2016

**CLOUD 2016**  
Cloud-based applications usage increases

2017

**NEW CLASSES 2019**  
Classes such as Broadcasting and Drone Technology are now offered

2020

**HOTSPOTS 2020**  
Districts added a number of WiFi Hotspots for student use at home and installed outside of the school facilities for student use

#### ED TECH FUTURE

Preparing students for a competitive global work force and post-secondary educational **EXPERIENCES**

2021

**SINCE THE 2016 MILLAGE RENEWAL** all schools are completing or have completed a 1:1 device initiative

1:1

**SOFTWARE UPGRADES**  
Software upgrades for industrial technology, Adobe Design Suite purchases, AND 3D printing/CAD



## Evolution of Instructional Technology in Monroe County as a result of the Technology millage and renewals since 1997\*

\*These examples and other forms of Technology use are present in all Monroe County school districts.



**CREATED 1997**  
The Lenawee/ Monroe Tech Consortium

1997

1998

1999

**WEBSITES 1998**...  
Many district schools create websites and add computer labs

2000

**NETWORKING 2000-2001**  
Network equipment installed in districts such as initial router, switches, hubs, phones in classrooms, and email addresses created



2002

**TEACHERS 2002**  
Faculty classroom web pages

2001

