



## Brownwood ISD Technology Board Report November 08, 2021

### Introduction

The purpose of this report is to give an update on projects that the Technology Department has been working on recently and what we have planned for the school year.

### District Computing Devices

Our technology department currently supports approximately 5321 computing devices in addition to well over 900 other devices such as Promethean boards, printers, document cameras, and network related equipment.

An approximate overview of available computing devices is as follows:

HS Student MacBook Airs – 550	Library Desktops - 24
HS Student Chromebooks - 625	Food Service Desktops - 16
Teacher MacBook Airs - 465	Office/Nurse Desktops - 40
Student Laptop Cart Computers - 985	Student and Teacher iPads – 1606
Student Classroom Desktops - 480	Promethean ActivBoards - 86
Computer Lab Desktops - 410	Promethean ActivPanels - 34

### 2021-2022 School Year Technology Update

#### High School 1-to-1 Laptops

Brownwood High School received over 300 new Chromebooks this summer for the incoming Freshmen class to continue the 1-to-1 laptop program. Last year, we started using Chromebooks instead of MacBook Airs at the High School. The Freshmen and Sophomores are currently issued Chromebooks while the Juniors and Seniors are still issued their MacBook Airs. The plan is to continue ordering Chromebooks each year for the Freshmen and phase out the remaining Mac's.



#### High School Video and Photo Editing Lab

Video and photo editing software requires higher performance hardware in order to run efficiently. A lab of 12 specialized computers is being installed specifically for this curriculum so that students can take full advantage of the editing software.



### Teacher Laptop Replacement

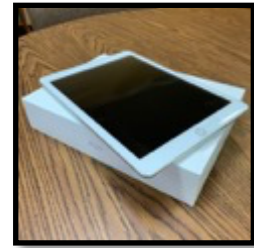


100 13" MacBook Airs will be ordered to replace older laptops in the hands of teachers. By adhering to this replacement cycle we can ensure that our teachers have up to date equipment to assist with their instruction.

### Additional Classroom Equipment

Brownwood ISD continues to keep technology in the classrooms up to date by replacing outdated equipment at the end of it's lifecycle. As with previous years, desktops in the classrooms are in the process of being swapped out, projectors and document cameras are being replaced, and 2 computer labs will be replaced this year.

62 iPads were also added for RTI, Dyslexia, and the Instructional Coaches to assist with instruction.



### Wireless Network

Brownwood ISD's entire wireless network was replaced over the summer with Meraki access points. This system uses a cloud based controller so that no additional hardware needed to be added other than the AP's themselves. This system has improved performance all around by increasing client speeds and providing better coverage. Our previous system was about 15 years old and was no longer able to keep up with the number of devices on our network.

### District Security



Building security continues to expand throughout the District. This year, Woodland Heights has been outfitted with 19 security cameras around the campus and 5 door access controllers. 10 security cameras were replaced at Brownwood High School, an additional camera was added in the office at East Elementary, and another door access controller was added at Brownwood Middle School.



### District Phone System

All of the phones in the District were replaced and the telecommunication service was switched to Spectrum VOIP. This system has a cloud based call manager so the only equipment that needed to be replaced were the phones, which came included in the package. This change will save the District approximately \$21,600 per year.



### **Closing**

The Brownwood ISD Technology Department is dedicated to helping the district become the best it can be. We will continue to improve the equipment and services offered to the staff and students of Brownwood ISD.

Please feel free to reach out with any questions, concerns, or comments.

Thank you.