



2020-2021

Southern Boone Technology Report

1:1 Initiative

This year has brought about great changes to Southern Boone County R-1's technology resources for both students and staff. All staff have been offered district Chromebooks to utilize for in-person and remote learning situations.

Over the summer, our technology team, along with our building librarians, worked to assign an individual device to each student in grades PreK-12 through our Google Admin console and our Destiny Follet Check-Out system.

Primary students were all assigned iPads at the beginning of this school year. As we have moved into utilizing these devices for daily assignments and assessments, we had several second grade classes offer to trial Chromebooks to see if these devices better suit the needs of this grade level.

All of our students in grades 3-8 have been assigned district Chromebooks. Our High School students were given the opportunity to bring their own mobile devices or utilize an assigned district device.

As we move into the second month of in-seat classes, the use of these devices has been invaluable for allowing students to collaborate and access their learning both in-person and remotely.



We have assigned a total of 1,200 Chromebooks and 495 iPads for student use throughout the district.

Additionally, we have assigned a total of 237 Chromebooks to our district staff.

Wireless Access and Bandwidth

With the 1:1 device initiative in place, it has been important to ensure our students are able to access the internet when onsite, as well as, offsite, should remote learning be initiated.

Bandwidth



We have continuously been monitoring our district bandwidth to ensure we are not maxing out. At this point, our highest bandwidth used was on September 8th and reached 354 mb (see details on the next slide). We will continue to monitor this and increase our bandwidth, as needed.

Hotspots



The district has purchased a total of 400 T-Mobile hotspots to be checked out by staff and students through our library system for off-campus use.



District Networks



We have opened our Guest Network bandwidth capabilities in order to meet the needs of our students at the High School who have opted to bring their own devices. This network has been mirrored to our private networks that our district-devices connect to.

Wireless Access Points



Through eRate, which was just approved this month, we have added 33 additional access points to our district buildings, bringing our total to 194.

MOREnet Report Data

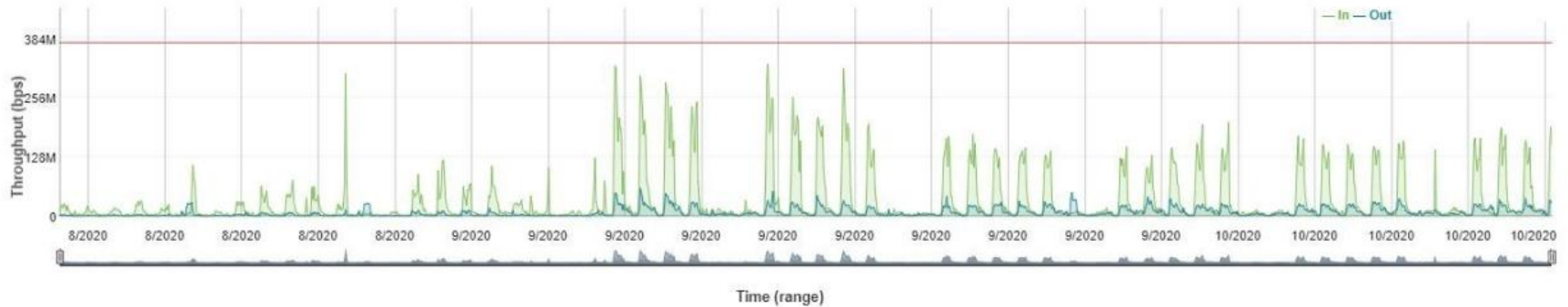
Network Utilization

Southern Boone Co R-I - Ashland,

Hostname: southboone-r1.gw.more.net

Provisioned Bandwidth: 375 Mbps —

Interface: GigE0/0/0 to MOREnet



Technology Professional Development

Along with quick overviews to our incoming teachers in regards to G-Suite, Talent Ed, Tyler SIS, and other district-wide technology programs, several professional development opportunities have been offered to our staff over the last year such as:



eMINTS

We currently have 30 staff members working towards their eMINTS certification. 13 members are in their third and final year and 17 members are beginning their second year. We have 45 staff members who have become certified in the past years.



Summer iTech

Topics and Attendance

- Google Classroom: 41
- Interactive Worksheets: 39
- Video Creations: 40
- SeeSaw: 41
- Presentations & Assessments: 37

Shoutout to Melissa Duckett and Becky Quinn for their expertise and help during these trainings.



Google Classroom Basics

Additional training was offered at the building level to go over examples of Classroom use, set up of resources, and building-wide expectations for utilization. These trainings were led by a variety of district staff at each building.



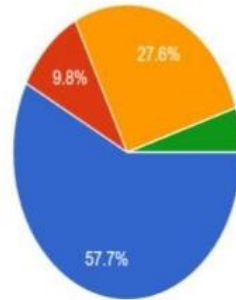
SeeSaw

The Primary Building utilizes SeeSaw as its main learning platform with students. Becky Quinn and Erin Sappington presented SeeSaw basics during the district's Back to School PD days and plan to present additional uses of this program during staff meetings throughout the year.

Interactive Display Boards

Interactive Display Board

123 responses



- SMARTboard: this device runs through a projector and an interactive touch board
- Brightlink: this device runs through a projector and a sensory touch box above a regular whiteboard
- ClearTouch: this device requires no projector and looks like a touch scree...
- I do not have an interactive display board in my room.

SMARTboards

We have 71 SMARTboards district-wide. These are our oldest interactive boards and are being replaced with ClearTouches, as the need arrives.

Brightlinks

We have 12 Brightlinks in our district. These were purchased over a two year period to replace SMARTboards, but were found not as user friendly and reliable as ClearTouches.

ClearTouches

We have added a total of 33 ClearTouches to our inventory since last year, which brings our district total up to 50 for the 20-21 school year.

Looking Ahead

20120

The technology department will continue to monitor our infrastructure as we add to our device inventory. This includes our bandwidth, battery backups, and wireless access points.

We are anticipating an additional 175 Chromebooks to be added to our inventory this school year and have developed a replacement schedule for our 1:1 student devices beginning next year.

ClearTouches will continue to replace other models of interactive boards throughout the district, as needed.