

Action Plan/Cost-Benefit Analysis

(Group)	Technology
Goal	#1 Upgrade of network backbone

Action Planned	Assigned To:	Target Date	Completed Date
<p>This upgrade includes the upgrade/replacement of all network switches and routers within the building.</p> <p>Along with the upgrade and replacement of equipment, the internal network will be upgraded from 1GB to a 10GB connection.</p>	IT Director	2020-2021	

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(Group)	Technology
Goal	#1 Upgrade of network backbone

Costs to the District	Benefits to the District
<p>Approximately \$100,000</p> <p>Equipment is purchased through Erate (60% discount on eligible items), which brings the cost down to approximately \$45,000 to the district. Installation will be handled by the IT Director</p> <p>Note: Equipment has already been purchased. Install is in beginning stages.</p>	<ol style="list-style-type: none">1) Upgrade of outdated equipment keeps network from experiencing downtime due to equipment failure due to component age.2) Upgrading the internal speed of the network will improve communication between networked machines.

Action Plan/Cost-Benefit Analysis

(Group)	Technology
Goal	#2 Upgrade of WLAN

Action Planned	Assigned To:	Target Date	Completed Date
<p>Due to the age of the wireless access points (end-of-life/EoL), the new wireless controller is incompatible.</p> <p>In addition to the replacement of the WAPs, a site survey will be conducted to review the wireless saturation within the building. This will help determine if more WAPs are needed throughout the building.</p>	<p>IT Director</p> <p>Administration</p> <p>BOE</p>	<p>2020-2022</p>	

Action Plan/Cost-Benefit Analysis

(Group)	Technology
Goal	#2 Upgrade of WLAN

Costs to the District	Benefits to the District
<p>The cost to the district is heavily dependent on the status of Erate Category 2 funding (60% discount) and the fluctuating costs of Cisco WAPs.</p> <p>Low end: \$35,000</p> <p>High End: \$70,000 (including installation costs)</p>	<ol style="list-style-type: none">1) Improved wireless coverage decreases the bandwidth usage on WAPs in use.2) Replacement of EoL WAPs increases reliability and guarantees support from manufacturer as well as allowing for the replacement of the WLAN Controller.3) Addition of WAPs in HS gym provides wireless signal throughout the area.

Action Plan/Cost-Benefit Analysis

(Group)	Technology
Goal	#3 Professional-grade Camera and Accessories

Action Planned	Assigned To:	Target Date	Completed Date
<p>With the introduction of the new large-format printer, the district now possesses the ability to print professional works of art and photos on large, high-quality materials.</p> <p>In order to be able to supply high-quality in real-life photos, the district would need to use a high-quality source photo, which only a professional-grade camera can provide.</p>	IT Director Administration	2020-2023	

Action Plan/Cost-Benefit Analysis

(Group)	Technology
Goal	#3 Professional-grade Camera and Accessories

Costs to the District	Benefits to the District
Low End: \$1,500 High End: \$4,500	1) A high-quality camera supports the creation and production of high-quality group photos, artworks, banners, posters, etc. that are displayed around the school and community, showcasing district events, student accomplishments, and all other activities (scholastic and athletic) in a positive light.

Action Plan/Cost-Benefit Analysis

(Group)	Technology
Goal	#4 IT Training Sessions

Action Planned	Assigned To:	Target Date	Completed Date
IT training sessions would be conducted by the IT Director and offered to all staff members within the district. Examples of topics may include troubleshooting, Google Apps, safety, etc. Any and all topics would be relative to day-to-day teaching/duties.	IT Director	2020-2025	

Action Plan/Cost-Benefit Analysis

(Group)	Technology
Goal	#4 IT Training Sessions

Costs to the District	Benefits to the District
No cost to the district as this would be provided by the Hardin-Houston IT Director	<ol style="list-style-type: none">1) Regular IT training sessions during scheduled times (TBD) provides staff members ample opportunity to learn and become familiar with basic and advanced topics that are relevant to their daily duties/classes.2) Enhance the abilities of staff members with regards to using and troubleshooting technology.