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Personalized Learning. 21st Century Skills.

Westonka Public Schools Technology Plan 2019-2022

| Infrastructure | Technology Security | Hardware | User Experience | Innovative Technologies |
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| <p><i>Outcome: Update and integrate scalable district hardware and network equipment</i></p> | <p><i>Outcome: Development and integration of a technology security plan to protect the districts systems, school information, hardware, software and accounts from vulnerabilities and threats</i></p> | <p><i>Outcome: Determine hardware criteria to make decisions for staff, student and classroom devices in regards to student learning, device functionality, software compatibility, cost and durability, security needs and device support</i></p> | <p><i>Outcome: Provide staff, students and parents a simplified and efficient user experience while providing a robust and dependable district technology system</i></p> | <p><i>Outcome: Research and implement innovative tools and solutions to improve teaching and learning for staff and students</i></p> |
| <p>Specific Tasks:</p> <ul style="list-style-type: none"> ● Assess phone system to identify features, functions and renewals ● Network switch and server replacement cycle, review end-of-life ● Review and update Network Video Recorder (NVR) equipment, storage capacities, replacement to support security plan and Disaster Recovery (DR) retention timelines ● Integrate network, data and building security and management tools ● Develop, integrate, and test the districts Disaster Recovery (DR) Plan for systems ● Identify and define Service Level Agreements (SLAs) of hosted solutions | <p>Specific Tasks:</p> <ul style="list-style-type: none"> ● Review and update building access systems and monitoring ● Increase staff cyber security training and awareness on topics that includes network, data, email, account username/password and best practices ● To conduct security assessments that includes auditing external and internal access to district systems ● Review and update security update process and local permissions for district devices and accounts ● Develop a process to manage and support reports of compromised student/staff accounts | <p>Specific Tasks:</p> <ul style="list-style-type: none"> ● Reconvene the District Technology Device Committee to support decision making around staff, student and classroom devices. ● Determine the proper devices to meet the districts' hardware criteria <ul style="list-style-type: none"> ○ Staff Devices ○ Student Devices ○ Classroom Devices ○ Curriculum Needs (Classroom sound, Labs, TV's, Signage, Announcements) | <p>Specific Tasks:</p> <ul style="list-style-type: none"> ● Develop a single sign-on protocol to applications, network, and data access. ● Develop onboarding process for new staff that start employment after the start of the school year. ● Develop a process to gather parent input on the use of district tools and technologies in order to make a more positive user experience. | <p>Specific Tasks:</p> <ul style="list-style-type: none"> ● Partner with the District Technology Device Committee and Elementary TILT to identify and integrate innovative tools with staff, student and curriculum learning. ● Network and communicate with educational and technical groups on innovative practices <ul style="list-style-type: none"> ○ Sourcewell/TIES, Brainstorm, ISTE, Tierney, CoSN... ● Identify the need, pilot new tools and innovative programs, purchase solutions, measure outcomes to positively impact student learning. |