Department Description: ICT Support Department

Staffing

The ICT Support department is composed of a dedicated team with diverse skills to ensure seamless technological operations and support throughout the institution. The team consists of:

- Senior Network Manager: Our Senior Network Manager brings a wealth of technical expertise to the department, ensuring the stability, security, and performance of our entire network infrastructure. With a proactive approach to problem-solving and a deep understanding of complex systems, they lead on high-level technical projects and provide guidance to the wider team
- Assistant Network Manager: We are actively seeking a highly skilled Assistant Network Manager to join our team. This individual will play a pivotal role in maintaining our network infrastructure and ensuring its reliability, security, and scalability. The Assistant Network Manager will collaborate closely with other staff members to ensure safeguarding and training needs are needs are met.
- ICT Technician: Our ICT Technician has gone above and beyond, taking on additional responsibilities to beyond the requirements of their Level 3 apprenticeship. With strong customer service skills and top-notch diagnostic capabilities, they contribute significantly to maintaining our network environment.

Curriculum Network

The curriculum network serves as the backbone of our technological ecosystem, providing the essential infrastructure to support our educational and administrative functions. This environment includes:

- A robust 2 Node Hyper-V Storage Spaces Direct environment running a total of 11 virtual servers, ensuring efficient resource allocation and management.
- Redstor Backup: We prioritize data security and backup with a strong cloud backup setup with an additional onsite repository
- HP Aruba 5406R V2 Core Switches: Our core switches provide the foundational connectivity and stability required for seamless communication within our network.
- HP Aruba 2540 Edge Switches: These 29 edge switches, connected by OM3/OM4 fiber cabling, extend network access throughout the institution, ensuring reliable connectivity for various devices.
- ICT Classrooms and Technology Rooms: We enjoy the use of three ICT classrooms, each equipped with over 30 computers, and two technology rooms, each housing 20 computers. These spaces cater to diverse educational needs.
- Music Mac Suite: Our Music Mac suite, running Sibelius and Logic Express, provides a specialized environment for music-related projects and activities.
- Upgraded Wi-Fi Solution: As part of our ongoing improvements, we are upgrading our Wi-Fi wireless solution with Wi-Fi 6E access points to provide enhanced coverage and connectivity.

Investment and Strategy

The institution is committed to staying at the forefront of technological innovation to deliver an exceptional learning experience. Our investment and strategy initiatives include:

- A comprehensive investment plan focused on systematically replacing ICT equipment, upgrading Wi-Fi infrastructure, and enhancing network cabling across all blocks.
- Recent Humanities Block Renovation: During the recent break, we renovated the Humanities block, incorporating Cat 6A network cabling, Wi-Fi 6E access points, laptops for staff, and interactive displays in classrooms.
- Cloud Adoption: Following recommendations from the Department for Education (DFE), we have strategically moved onsite services to the cloud. This includes systems like Microsoft 365 for communication, Senso Cloud for classroom management, Bromcom for the management information system, Intune/MECM for device management, and Sophos for antivirus solutions.
- Future 1-to-1 Device Initiative: With the completion of our Wi-Fi upgrade, we have ambitious plans to implement a 1-to-1 device solution for students, fostering personalized learning experiences and technological literacy.

In the ICT department, we are dedicated to creating a technologically enriched environment that empowers both educators and students to excel. Through strategic investments, skilled team members, and forward-thinking initiatives, we ensure that technology seamlessly supports our educational mission.

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