

District 181 Superintendent Committee
Technology

Context: The Technology Department is designed to ensure the effective integration and utilization of technology resources into the education process and business systems at District 181.

Objectives and Scope:

- Evaluate existing network infrastructure and document current practice.
- Recommend and implement improvements in existing systems as necessary.
- Evaluate suitability of HMS for 1:1 usage and recommend necessary changes for the 21st Century Academy.
- Establish rolling equipment replacement to prevent obsolescence and non-compatibility of hardware.
- Facilitate technology tool integration with curriculum goals.
- Facilitate technology for Problem Based Learning and other forms of augmentation at the classroom level.

Key Issues and Concerns:

- Critical analysis of basic network infrastructure; servers, storage, wireless system, wired systems and Internet connectivity.
- Critical analysis of existing student/teacher hardware. Existing Technology Report shows a 39-year rotation of hardware based on historic expenditure.
- Critical Review of existing software and compatibility issues.

Core Team:

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| • Director of Technology | Chairman |
| • Superintendent | Member |
| • Assistant Superintendent of Curriculum | Member |
| • Director of Finance | Member |
| • Director of Buildings and Grounds | |
| Member | |
| • Building Principals (9) | Member |

Metrics:

- Full system analysis and documentation of District WAN, LAN, and wireless networking. Completed March 2008.

- Design, bid, install and startup Gigabit infrastructure between buildings. Completed June 2008.
- Review of software necessary for replacement due to obsolescence. May 2008 for purchase and install in Summer 2008.
- Replacement plan for buildings lab computers, the newest are a minimum of 3 years old. Design lease option for continual replacement and updating. Recommendation by April 2008.
- Work with Buildings and Grounds on VOIP system for telephone replacement.
- Work with Finance to quantify needs for student enrollment and fee payment.
- Prepare structure system for 21st Academy. Completed by June 2008.