FY07 Technology Capital Request $300,000

We are asking for $300,000 in order to meet the goals described below. Some of these goals are multi-year, with the amount broken down into an annual amount over a number of years. The actual total to meet each of these goals for the 2006-2007 school year is $330,000. If the funding allocated is less, we would scale back selected goals in order to make some progress in each area.

- One wireless laptop assigned to each classroom $100,000 per year for 3 years
  A laptop in each classroom would better facilitate working in small groups, student and teacher presentations, and making computing be more flexible and mobile within the classroom.
- Replace Obsolete Computers, Printers $50,000 each year
  We have about 200 instructional computers that are too old to be upgraded to the Apple OS X operating system. We need to replace as many of these as possible and, at the same time, plan a strategy for utilizing these older computers in some limited capacity. We do not yet meet the DOE benchmark of having an established replacement cycle of 6 years or less.
  In addition, we have many printers that are 5 years old and older, and as these wear out and fail, they need to be replaced.
- Upgrade Existing Computers $30,000 each year
  This amount would be sufficient to purchase replacement parts and upgrade memory on those computers that are not replaced, but not purchased within the last three years.
- Install a Computer Projector into Every Classroom $65,000 per year for 4 years
  This is a necessary tool for teachers and students to be able make presentations and for teachers to use computers effectively as a teaching and demonstration tool. We have approximately 190 classrooms in the district and 50 projectors. We would need to purchase 140 at an estimated cost of $1700 each. In addition, there is great interest in installing interactive whiteboards in each of the computer labs across the district.
- New Servers, Server Modules, and Server Racks $30,000 per year for 2 years
  These would improve network efficiency and speed and enable us to make use of software that runs over the network rather than from the local drive.
- Network Improvements $20,000 per year for 2 years
  Had the High School Building project been approved, we would designate this amount of money to improving the Wide Area Network (connections between schools) and our connections to the Internet. The demand for bandwidth exceeds the current available bandwidth and our educators want to make use of the streaming video and audio educational sites that are available, but that require more bandwidth. However, with the defeat or delay of the High School project, we will need to focus network improvements on the High School Local Area Network, an infrastructure badly in need of upgrade.
- Replace Hubs and Switches with Manageable Switches $20,000 each year
  This is to enable segmenting of our Local Area Networks as we bump up against maximum number of computers on each existing segment and to segment student network traffic to keep it from accessing the administrative server that houses the student information database system.
- Replace Obsolete Computers and Servers (Administrative) $15,000 each year
  The figures in the bullets above for computers refer to instructional computers. We also need to replace approximately 17% of our administrative computers annually, in order to meet the DOE requirement of having an established replacement cycle of 6 years or less.