DBCS Technology Plan

<u>Philosophy</u>

To develop skills that will allow for scholastic Excellence and/or business success. Ethics in the use of technology is addressed through the light of Biblical Truth.

<u>Acceptable Use Policy</u>
DBCS Student Handbook, BYOD Policy
(http://www.dbcs.org/documents/Policy/Student_Handbook_2013_2014.pdf)

<u>Scope & Sequence</u>
See (link)

<u>Educational Technology Testing/Deployment/Training</u>

When a new educational technology is being considered
- a faculty member is designated to "test" the software/technology
- Technology Administrator determines purchase based on input from the "test" teacher
- Technology Administrator purchases and installs software/technology
- "test" teacher leads in the training of faculty and staff

Past software/technology deployments
- iPads for entire faculty (test faculty – Fletcher, Tonkovic, Airhart)
- Smart boards for 3 classrooms (test faculty – Cass, Tonkovic, Keating)

Future software/technology deployments
- 2-3 Smart Boards for the next 2-3 years
- Reflections app (iPad mirroring software for entire staff)(test faculty – Hermansderfer)
- iPad productivity app (test faculty – Preusser)
- 25 iPad Mini units and charge station for elementary academic reinforcement

<u>Technology Inventory & Refresh Plan</u>

The following plan will be used to budget for computer technology refreshment with the purpose of keeping DBCS up to date with common technology being used in both the college and business communities. The reason for this is two-fold. One is to prepare our students to use common computer hardware and software found in colleges and in the business world. The second is to allow our staff to take advantage of modern computer hardware and software in both teaching and administrative functions.

This plan does not include consumables such as paper or toner cartridges. It also does not include network infrastructure such as servers or switches. Replacement of consumables and network infrastructure will be budgeted for separately.

The required annual budget to execute this plan is $25,500.

<u>Computers</u>
Target refresh rate is every 3 years. Current desired operating system is Microsoft Windows 7. Current desired office suite is Microsoft Office 2010.

Computer laydown (80 total, does not include 3 church office computers)
- Labs/Library – 47
- Teachers – 24
- Admin – 7
- Balcony - 2

Refresh plan (assume $500/computer including MS Office license)
- o Phase 1 – HS Lab (16), 2nd floor teachers (7), Admin (7) = 30 ($15K)
- o Phase 2 – Elementary Lab (24) = 24 ($12K)
- o Phase 3 – Remainder (26) = 26 ($13K)

Note: Through the generosity of God's people, all three phases of the *computers* refresh were executed in the fall of 2013. Although we will not need to purchase computers for a couple of years, the funds called for in this refresh plan will continue to be budgeted and escrowed to fund this plan.

<u>Monitors</u>
Target refresh rate is every 8 years (monitors don't break often). Assume 1 monitor per computer. There are 3 dual-monitor computers on campus.

Monitor laydown (80, matches computer laydown)

Refresh plan (assume $100/monitor)
- o 10/year ($1K)

<u>Tablets</u>
Target refresh rate is every 3 years. The desired tablet is an Apple iPad (16Gb, Wifi-only) although this may be re-evaluated in the future as tablet technology is changing rapidly. These tablets are for staff use only. Assumption is that students will purchase tablets for personal use when allowed.

Tablet Laydown (27 total)

- Teaching staff – 22
- Administrator – 1
- Athletics, others – 4

Refresh plan (assume $500/iPad)
- o 9 per year ($4.5K)

Video Projectors

Target refresh rate is every 5 years.

Projector laydown (20 total)
- Classrooms – 16
- Youth House – 2
- Sanctuary -2 (small one for back wall, large for front screen)

Refresh plan (assume $1000/projector except for sanctuary front screen)
- o 4 per year ($4K)

Printers

Target refresh rate is every 5 years. Replacement printers will be network capable and are desired to be color laser and duplex capable.

Printer laydown (10 total)
- Lexmark T620 – 5
- Dell 5110 – 2 (church/school office)
- Dell 3100 – 1 (color laser in elementary lab)
- HP 2000 – 1 (school office)
- HP 1000 – 1 (school office being relocated to music)

Refresh plan (assume $500/printer)
- o 2 per year ($1K)