

Appendix B.4

BEP Technology Extended Priorities

E-learning Course Content

The BEP formula should incorporate funding to support the scale up of successfully piloted and board approved e-learning course content, such as e4TN, providing local education agencies with \$TBD per ADM enrolled in grades 6 – 12.

E-learning funds should be used to support such areas as:

Professional development and training for teachers on e-learning and the delivery of e-learning content;

- Staff supplementals for additional teaching workloads, where applicable;
- E-learning course facilitators;
- Course tuition and instructional technology infrastructure.

Technology Support Personnel

The BEP formula should incorporate funding for technology support personnel, funded at a ratio of \$TBD per ADM, grades K – 12. Technology support personnel will support districtwide implementation of key administrative technology duties, related to the following areas:

- Technology infrastructure, networking, and technical support
- Instructional support and instructional technology coaching towards improved student achievement outcomes.

Technology Hardware

The first consideration in the deployment of hardware should be the development of technology leadership among school principals.

Funding should be based on a revolving five year phase-in to ensure the appropriate upkeep of hardware and set at a ratio of \$TBD per ADM, grades K-12.

In order to drive improved achievement, in support of statewide e-learning and online assessment initiatives, the BEP should provide a portion of funding so that each instructional classroom consists of the following:

a computer per instructional teacher, including standard office and communication tools.
(\$1,500)

five computers per classroom, including standard office and communication tools
(\$7,500, revolving five year phase in)

an LCD projector, accounting for electrical retrofitting and a ceiling mount (\$1,500)
at least one technology-based instructional tool, including but not limited to

- a document camera (\$650 - \$1250)
- smartboard / interactive white board (\$1,500 - \$2,000)
- individual pupil response system (\$2,000)

Technology Infrastructure

With the increasing proliferation of Broadband, Hi-Speed Internet, WiFi, wireless networks, and WiMax, the BEP Technology subgroup should perform an additional review of the state's technology infrastructure needs, including a review of e-Rate funding, using state and national technology allocation resources to establish a BEP Technology Infrastructure recommendation in next year's report.