

Program Standard 16: Using Technology to Support Student Learning

Each participating teacher builds upon the knowledge, skills, and abilities acquired during preliminary preparation for the delivery of comprehensive, specialized use of appropriate computer-based technology to facilitate the teaching and learning processes. Each participating teacher is a fluent, critical user of technology, able to provide a relevant education and to prepare his/her students to be life-long learners in an information-based, interactive society. Each participating teacher makes appropriate and efficient use of software applications and related media to access and evaluate information, analyze and solve problems, and communicate ideas in order to maximize the instructional process. Such use of technology supports teaching and learning regardless of individual learning style, socioeconomic background, culture, ethnicity, or geographic location. Each participating teacher integrates these technology-related tools into the educational experience of students, including those with special needs.

Program Elements for Standard 16: Using Technology to Support Student Learning

- 16(a) Each participating teacher communicates through a variety of electronic media.
- 16(b) Each participating teacher interacts and communicates with other professionals through a variety of methods, including the use of computer-based collaborative tools to support technology-enhanced curriculum.
- 16(c) Each participating teacher uses technological resources available inside the classroom or in library media centers, computer labs, local and county facilities, and other locations to create technology-enhanced lessons aligned with the adopted curriculum.
- 16(d) Each participating teacher designs, adapts, and uses lessons which address the students' needs to develop information literacy and problem solving skills as tools for lifelong learning.
- 16(e) Each participating teacher uses technology in lessons to increase students' ability to plan, locate, evaluate, select, and use information to solve problems and draw conclusions. He/she creates or makes use of learning environments that promote effective use of technology aligned with the curriculum inside the classroom, in library media centers or in computer labs.
- 16(f) Each participating teacher uses computer applications to manipulate and analyze data as a tool for assessing student learning and for providing feedback to students and their parents.
- 16(g) Each participating teacher demonstrates competence in evaluating the authenticity, reliability and bias of the data gathered, determines outcomes, and evaluates the success or effectiveness of the process used. He/she frequently monitors and reflects upon the results of using technology in instruction and adapts lessons accordingly.