STATE BOARD OF EDUCATION
STATE DEPARTMENT OF EDUCATION
ADMINISTRATIVE CODE

CHAPTER 290-4-3
EDUCATOR DEVELOPMENT

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(8)   **Technology Professional Development Topics for Teachers and Administrators.** Technology training shall be offered to professional personnel in the area of technology integration, use, and technology instructional leadership. The purpose of these professional development experiences will be to improve teaching, learning, leading, and enhancing Alabama's workforce skills.

(a)   The teacher shall learn to effectively:

1.   Identify and evaluate technology resources and technical assistance, i.e., those available on-line and on-site within a school and district setting.
2.   Assess advantages and limitations of current and emerging technologies, and on-line software content to facilitate teaching and student learning.
3.   Develop and implement a classroom management plan to ensure equitable and effective student access to available technology resources.
4.   Model safe, responsible, legal, and ethical use of technology and implement school and district acceptable use policies including fair-use and copyright guidelines and Internet user protection policies.
5.   Design, implement, and assess learner-centered lessons and units that use appropriate and effective practices in teaching and learning with technology.
6.   Use technology tools (including, but not limited to, spreadsheets, web page development, digital video, the Internet, and e-mail) for instruction, student assessment, management, reporting purposes and communication with parents/guardians of students.
7.   Facilitate students' individual and collaborative use of technologies (including, but not limited to spreadsheets, web page development, digital video, the Internet, and e-mail) to locate, collect, create, produce, communicate, and present information.
8.   Design, manage, and facilitate learning experiences incorporating technologies that are responsive to diversity of learners, learning styles and special needs of all students (e.g., assistive technologies for students with special needs).
9.   Evaluate students' technology proficiency and students' technology-based products within curricular areas.
10.   Use technology to enhance professional growth (e.g., through accessing web-based information, on-line collaboration with other educators and experts, and on-line professional courses).

(b)   The Administrator shall learn to effectively:

1.   Describe mechanisms for creating a shared vision for the comprehensive integration of technology, communicating that vision, and facilitating a process that fosters and nurtures a culture to achieve the vision.

2.   Develop a technology plan including resource alignment (e.g., funding, staff and time, hardware/software, total cost of ownership), and demonstrate leadership skills necessary to integrate technology to support effective learning and administration.

3.   Facilitate the selection and use of technologies appropriate for curriculum areas, instructional strategies, and student-centered learning environments to maximize learning and teaching to meet the individual needs of all learners.

4.   Apply and model technology applications and professional practices that demonstrate knowledge of available technologies; existing Alabama and national technology standards for students, teachers, and administrators; related trends and issues; current research; and professional development resources in order to enhance professional practices of educational leaders, increase job-related technology use, and improve the productivity of self and other school personnel.

5.   Use prevalent technology-based managerial, financial, and operational systems used in Alabama schools.

6.   Use technology to facilitate effective assessment and evaluation, including: the collection, analysis, and interpretation of data and communication of findings to improve instructional practice and student learning; the use of assessment of staff knowledge, skills, and performance in using technology to facilitate quality professional development and guide personnel decisions; the use of technology to assess and evaluate managerial and operational systems; the use of multiple methods to evaluate the efficacy of technology resources for the purposes of improving learning, communication, and productivity.

7.   Demonstrate responsible decision making that reflects understanding of social, legal, and ethical issues related to technology.

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