

1 In alliance with state school technology goals, the [Transylvania County Board of Education \(the](#)
2 [“board”](#)) is committed to establishing and supporting 21st century information and
3 communications technology systems to foster globally competitive, healthy, and responsible
4 students. The board recognizes the benefits of digital and technology-enabled teaching and
5 learning resources that provide the ability to easily customize curriculum, provide access to
6 current information, and enable access to quality materials at a lower cost than traditional
7 materials. To that end, the board intends to move to classroom digital and technology-enabled
8 teaching and learning resources that are aligned with the current statewide instructional standards
9 as they become available. In addition, to the extent funding permits, the board will endeavor to
10 ensure that all students have access to personal digital and technology-enabled teaching and
11 learning devices to foster the 21st century skills necessary for future-ready learners. [The board](#)
12 [delegates the responsibility for coordinating the selection and acquisition of technological](#)
13 [resources to the superintendent or designee in accordance with this policy and policy 3200,](#)
14 [Selection of Instructional Materials, as applicable.](#)

15
16 The board expects that information and communications technologies will be integrated across
17 the curriculum and used to support student achievement. Such technologies will also be used to
18 support programs and activities that promote safe schools and healthy and responsible students.
19 The curriculum committee should provide suggestions in the curriculum guides referenced in
20 policy 3115, Curriculum and Instructional Guides, for integrating technological resources (as
21 defined in Section A, below) into the educational program. School administrators and teachers
22 are encouraged to develop additional strategies for integrating technological resources across the
23 curriculum and utilizing the power of technology to improve learning outcomes while making
24 more efficient use of resources. The strategies should be included in the school improvement
25 plan if they require the transfer of funds or otherwise relate to any mandatory or optional
26 components of the school improvement plan.

27
28 The superintendent shall integrate digital planning to support teaching and learning needs into
29 school system strategic planning efforts and include various stakeholders such as curriculum
30 leaders, teachers, administrators, and representatives from technology services, instructional
31 technology, finance, and other departments as required.

32
33 The superintendent shall establish relationships with businesses and seek grants and other
34 funding sources in an effort to acquire technological resources for the educational program.

35 36 **A. SELECTION OF TECHNOLOGICAL RESOURCES**

37
38 Technological resources include, but are not limited to, the following: (1) hardware,
39 including both fixed and mobile technologies and devices such as desktop computers,
40 laptops, netbooks, tablets, e-readers, PDAs, smartphones, and gaming devices; (2)
41 software; (3) network and telecommunications systems and services; (4) Internet access;
42 (5) multimedia equipped classrooms; (6) computer classrooms and laboratories; and (7)
43 other existing or emerging mobile communications systems. All technological resources
44 must be purchased and used in a manner consistent with applicable law and board policy,

45 including laws and policies related to copyright, public records, bidding, and other
46 purchase requirements, accessibility for students with disabilities, staff duties, and
47 standards for student behavior.

48
49 Technological resources must meet or exceed the following standards before they may be
50 considered for implementation.

- 51
- 52 1. Technological resources must support the current statewide instructional
53 standards or the programs of the school system, including the system-wide and
54 school-level priorities established by the district-level and school media and
55 technology advisory committees.
 - 56
 - 57 2. Technological resources must support the current use of learning and instructional
58 management technologies in the school.
 - 59
 - 60 3. Technological resources must be compatible with the condition of the network
61 and other infrastructure resources. The technology director shall set minimum
62 standards for technological resources that are purchased or donated. Upgrading,
63 hardware conditions, and similar requirements must be maintained to the highest
64 standards.
 - 65
 - 66 4. There must be sufficient staff to operate and maintain the technological
67 equipment, programs, and systems.
 - 68
 - 69 5. There must be adequate funds budgeted to implement and support the
70 technological resources and to train instructional staff to use the resources to
71 improve educational outcomes.
 - 72

73 **B. DEPLOYMENT OF TECHNOLOGY TO SCHOOLS**

74
75 The superintendent shall oversee the development of the school system's technology
76 deployment plan. The plan will be designed to ensure organized, effective, and efficient
77 means of deploying new information and communications technologies. The
78 superintendent shall develop procedures that outline the strategy of the technology
79 deployment plan.

81 ~~C. BRING YOUR OWN TECHNOLOGY (BYOT) INITIATIVE~~

82
83 ~~The superintendent is authorized to investigate and develop a plan to allow staff and~~
84 ~~students the option to use their personal electronic devices in place of or along with their~~
85 ~~school system assigned devices. The plan should address, at a minimum, the~~
86 ~~instructional use of personal devices, compatibility requirements, access limitations or~~
87 ~~requirements, content filtering, security, and other issues as recommended by the~~
88 ~~technology director. The plan should assign personal responsibility to the user for repair~~

89 ~~and replacement of damaged or stolen devices and for any data or other charges arising~~
90 ~~from use of a personal device. The plan should require a written agreement for the use of~~
91 ~~personal technology devices from each student and staff member who wishes to~~
92 ~~participate in the BYOT initiative. The plan should ensure that students who are unable~~
93 ~~to bring in outside technology will be able to access and utilize school equipment so that~~
94 ~~no student is excluded from instruction due to lack of access to technology.~~

96 **D. ELECTRONIC COMMUNICATION AND OTHER COLLABORATIVE TOOLS**

97
98 The superintendent is authorized to permit instructional personnel to incorporate email,
99 social networking sites, blogs, wikis, video sharing sites, podcasts, video conferencing,
100 online collaborations, PDAs, IMing, texting, virtual learning environments, and/or other
101 forms of direct electronic communications or Web 2.0 applications for educational
102 purposes to the extent the superintendent deems appropriate and in accordance with
103 policy 7335, Employee Use of Social Media. The superintendent shall establish
104 parameters and rules for use of these tools and shall require instruction for students in
105 how to use such tools in a safe, effective, and appropriate way. Instructional personnel
106 shall make all reasonable attempts to monitor student online activity and shall otherwise
107 comply with the requirements of policy 3225/4312/7320, Technology Responsible Use,
108 when using these tools.

110 **E. TECHNOLOGY-RELATED PROFESSIONAL DEVELOPMENT**

111
112 The superintendent shall plan a program of technology-enabled professional development
113 that prepares the instructional staff for utilizing digital tools and resources. Professional
114 development shall emphasize technology integration and continuous improvement,
115 including the use of ongoing technology-integrated online-learning activities throughout
116 the course of study. Professional development shall also address the ethical, legal, and
117 practical issues related to social networking and mobile devices in the classroom and
118 other topics deemed necessary by the superintendent or technology director. ~~School~~
119 ~~improvement teams should identify any staff development appropriations for technology-~~
120 ~~related professional development in their school improvement plans.~~ The superintendent
121 and technology director should assist schools in coordinating staff development needs as
122 provided in policy 1610/7800, Professional and Staff Development.

123
124 Legal References: G.S. 115C-522; 147-33.111; State Board of Education Policy TCS-C-018

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126 Cross References: Professional and Staff Development (policy 1610/7800), Curriculum and
127 Instructional Guides (policy 3115), [Selection of Instructional Materials \(policy 3200\)](#),
128 Technology Responsible Use (policy 3225/4312/7320), Internet Safety (policy 3226/4205),
129 Copyright Compliance (policy 3230/7330), School Improvement Plan (policy 3430), Integrity
130 and Civility (policy 4310), Public Records – Retention, Release, and Disposition (policy
131 5070/7350), Network Security (policy 6524), Staff Responsibilities (policy 7300), Employee Use
132 of Social Media (policy 7335), Gifts and Bequests (policy 8220)

133

134 Other References: North Carolina State School Technology Plan (Division of Instructional
135 Technology) (current version)

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137 Adopted:

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