

SOUTH DAKOTA BOARD OF EDUCATION STANDARDS

1 **Friday March 26, 2021 - 10:00 a.m. MDT/11:00 a.m. CDT**

2 **Location:** Western Dakota Technical College, Dakota Hall Lecture Room
3 800 Mickelson Drive
4 Rapid City, South Dakota
5

6 Public Telephone Access: Dial: 1-346-248-7799
7 Meeting ID: 927 6700 7834# Passcode: 743348
8

9 For live streaming of meeting: <http://www.sd.net>
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11 **Present:** Jaqueline Sly, President
12 Rebecca Guffin, Vice-President
13 Linda Olsen, new member
14 Terry Nebelsick, new member
15 Julie Westra
16 Steve Willard, new member

17 **via ZOOM:** Phyllis Heineman
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19 **DOE staff in** Tiffany Sanderson, Laura Scheibe, Diane B. Roy, Amy Miller, Stephanie Hanson,
20 **attendance** Jennifer Fowler, Stephanie Higdon, Kathy Riedy, and Ferne Haddock.
21 **& phone:**
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23 **Others in** Robert Sittig, and other members of the public in attendance in person or via
24 **attendance:** phone.
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26 **Call to Order, Pledge of Allegiance, and Roll Call:**
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28 The South Dakota Board of Education Standards (BOES) was called to order by President Sly at
29 approximately 10:03 MDT.
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31 A quorum of the BOES was physically present at Western Dakota Technical College meeting
32 room.
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34 **Adoption of Agenda:**
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36 Motion by Guffin second by Willard to adopt the March 26, 2021, agenda. Roll call vote. All
37 present voted in favor. Motion carried. Voting aye: Guffin, Heineman, Olsen Nebelsick, Sly,
38 Westra, and Willard.
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40 **Approval of Minutes:**
41

42 Motion by Heineman second by Westra to approve the January 19, 2021, minutes. Roll call
43 vote. All present voted in favor. Motion carried. Voting aye: Guffin, Heineman, Olsen Nebelsick,
44 Sly, Westra, and Willard.

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46 **Welcome/Introduction of New Members**

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48 President Sly introduced the three new board members. Linda Olsen, Terry Nebelsick, and
49 Steve Willard, and welcomed them to the board. Each new member gave a brief autobiography.

50

51 **Conflicts Disclosures (SDCL 3-23):**

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53 There were no conflict disclosures.

54

55 **Public Comment: (SDCL 1-25-1)**

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57 No public comment was offered.

58

59 **PAPSC Annual Report**

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61 Robert Sittig, Chairman of the Professional Administrators Practices and Standards Commission
62 (PAPSC) presented the 2020 PAPSC Annual Report.

63

64 **Public Hearing-Standards:**

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66 The Board of Education Standards convened a public hearing at approximately 10:17 a.m. MDT
67 on the following proposed standards: Architecture & Construction; Education & Training;
68 Foundational Career & Technical Education; Information Technology; Law, Public Safety,
69 Security & Corrections; Science, Technology, Engineering & Mathematics (STEM); Physical
70 Education; and Educational Technology. This is the fourth of four hearings on these standards.

71

72 Amy Miller, Assistant Director, Division of Career and Technical Education, Department of
73 Education (DOE), gave an overview of the Career & Technical Education (CTE) Standards
74 Revision Process: Teams included: Teachers, Administrators, Counselors, Post-secondary, and
75 Business/Industry representatives. There were 178 survey participants, representing the entire
76 state. The revision teams met virtually in June 2020, to review courses, sequences, descriptions,
77 standards, and sub -indicators, while considering feedback from the surveys and their own
78 professional experiences to finalize recommendations for changes. Stakeholders were given an
79 opportunity for final review. The standards were then finalized and assembled into the report.
80 If these standards are approved, the unpacking process will be conducted in the summer of
81 2021.

82

83 **Architecture & Construction**

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85 Proponent Testimony

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87 Amy Miller, DOE, testified in favor of Architecture & Construction standards changes in course
88 titles to make more sequential and new courses
89 proposed.

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91 Public Comment

92 As disclosed at a previous hearing: Sue Bubbers, McIntosh High School Counselor. Comment in
93 support of Construction Equipment Courses.

94

95 Opponent Testimony

96

97 There was no opponent testimony in person or on the phone.

98

99 Board Comment/questions

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101 Willard stated very good job compiling the standards and recognizing the needs of industry.

102

103 Nebelsick said that there has been a lot of interest t in these standards in Huron, even building
104 and interior construction center so they do not lose all the time for learning during the winter
105 months.

106

107 **Education & Training**

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109 Proponent Testimony

110

111 Amy Miller, DOE, testified in favor of Education & Training standards: Middle School FACS
112 courses combined into one document. Title Change: Human Development: Adolescence to
113 Death change to Adolescence to Adulthood. Title Change: Teach and Training as a Profession
114 change to South Dakota Educators for Tomorrow.

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116 Public Comment

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118 Currently there are no public comments on the Education & Training Standards.

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120 Opponent Testimony

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122 There was no opponent testimony in person or on the phone.

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124 **Foundational Career & Technical Education**

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126 Proponent Testimony

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128 Amy Miller, DOE, testified in favor of Foundational Career & Technical Education standards:
129 Title Change: Foundations of Technology to Workplace Technology Skills, Dissolve Foundational
130 Entrepreneurship Course, Adjustments to Career Exploration to allow it to be taught at Middles
131 School or High School level.

132
133 Public Comment

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135 As disclosed at previous hearing: Andrew Johnson, Oldham- Ramona HS Principal. – requesting
136 guidance counselors be able to teach Employability.

137 Resolution: The committee has discussed this, and school counselors will be added to the
138 certification for employability once these new standards are approved.

139
140 Tara Fastert and Tracy Kern, Harrisburg CTE educators - requesting standards for soft skills.
141 Resolution: A new set of career readiness standards were added to the Foundations of CTE
142 standards.

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144 Opponent Testimony

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146 There was no opponent testimony in person or on the phone.

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148 **Information Technology**

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150 Proponent Testimony

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152 Amy Miller, DOE, testified in favor of Information Technology standards: Five New Courses;
153 Web Development I & II split to Web Development and Advanced Web Development; Computer
154 Programming, I & II split to Computer Programming and Advanced Computer Programming;
155 Computer Science Essentials; Cybersecurity; and Computer Science Principles.

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157 Public Comment

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159 Dr. Mark Geary – Associate Professor, Dakota State University - cybersecurity could be part of
160 both LA and Social studies. If students had earlier, prior exposure to these fields, they may be
161 less reluctant to engage in them.

162 Resolution: The Division of Career and Technical Education and Division of Learning and
163 Instruction work closely to promote the integration CTE and core content. This message has
164 also been shared with core content team. The goal of the middle school and foundational CTE
165 courses are to expose students to career options earlier and integration with academic
166 coursework is an important component to a well-rounded CTE program.

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168 Opponent Testimony

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170 There was no opponent testimony in person or on the phone.

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Law, Public Safety, Security & Corrections

Proponent Testimony

Amy Miller, DOE, testified in favor of Law, Public Safety, Security & Corrections standards: Incorporation of current trends in this cluster: cyber-crime, police ethics, community engagement, cultural diversity, technology, safety, fire, and EMS.

Public Comment

Currently there are no public comments on the Law, Public Safety, Security & Corrections Standards.

Opponent Testimony

There was no opponent testimony in person or on the phone.

Board Comment/questions

Willard stated that the standards fit well in the furthering education through the Career and Technical college. They are a good steppingstone to match with dual credit opportunities. This is a good job in laying the foundation go on to education after graduation.

Sly asked if it was just larger schools or are smaller schools picking up on these opportunities? Miller stated that there are only two programs at this time: Aberdeen and Oglala. Superintendent Guffin stated that they are just getting started with their program.

Science, Technology, Engineering & Mathematics (STEM)

Proponent Testimony

Amy Miller, DOE, testified in favor of Science, Technology, Engineering & Mathematics (STEM) standards: Title Change: MS Mechatronics to Robotics (can be taught at MS or HS level), Title Change: MS Introduction to STEM to Exploring STEM in CTE, Aviation Pathway new courses, Fundamentals of Aviation, Aviation Careers I, and Aviation Careers II.

Public Comment

Currently there are no public comments on the STEM Standards.

Opponent Testimony

There was no opponent testimony in person or on the phone.

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216 Board Comment/questions

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218 Sly asked if robotics is defined and fit together in more detail in the courses.

219 Miller responded yes.

220

221 Heineman asked what about teacher availability for these courses, does that drive whether
222 school's can offer these courses, and do we have a relationship with postsecondary institutions
223 in terms of these courses?

224 Miller stated the requirements for a school to have an approved program. They don't have to
225 have all the courses; with at least two courses they may have an approved program. A teacher
226 may be able to teach across courses. There is quite a bit of flexibility. Miller went on to say that
227 they do try and have postsecondary involvement.

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229 **Physical Education**

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231 Stephanie Higdon, Administrator, Division of Learning and Instruction, DOE, presented an
232 overview of the Physical Education (PE) standards revision process. PE workgroup members
233 were divided into grade bands consisting of K-5, 6-8, and 9-12. The work group members
234 reiterated that the physical education grade level outcomes are a K-12 progression and that K-
235 12 vertical conversations were vital to see progression of skills and fitness expectations.
236 Workgroup members met to discuss the five K-12 PE standards, the goal of physical education,
237 and the progression of the grade level team discussion of the grade level outcomes. Grade level
238 outcomes and K-12 standards were discussed, and workgroup members used the Standards
239 Quality Checklist to guide their decision making if any proposed changes were indicated. The
240 process allowed each grade band to review the grade-level outcomes and to identify those they
241 would keep and those that would be proposed a change, again to justify the proposed change,
242 identify the number that applied, and include a written justification.

243

244 Higdon, testified on the key proposals for PE Standards: Addition of Adaptive PE Resources,
245 including assessment tools, to assist teachers in best meeting the physical education needs of
246 all their students and allowing for access to physical education for all students; Changing the
247 South Dakota goal of Physical education, as well as the K-12 standards, to represent the
248 physical fitness and wellness of the whole student, including social emotional wellness;
249 Addition of operational definitions and glossary for grades K-5; as well as adding to these
250 sections in 6-8, and 9-12, clarifying key skills and language of the grade-level outcomes.

251

252 Hannah Schroeder, member PE standards workgroup, testified in favor of the PE standards.
253 Schroeder stated that the PE standards open a variety of ways to teach PE. The PE standards
254 stress being physically active for life.

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256 Public Comment

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258 Currently there are no public comments on the Physical Education Standards.

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Opponent Testimony

There was no opponent testimony in person or on the phone.

Board Comment/questions

Sly stated that she is impressed with emphasis on the fitness and wellness from sport orientation.

Olsen said that she is glad to see the update with the focus on wellness and fitness.

Educational Technology

Proponent Testimony

Jennifer Fowler, science specialist, Office of Standards, Learning and Leadership, Division of Learning and Instruction, DOE, presented an overview of the revision process and changes that were made to the K-12 Educational Technology standards

Fowler gave a summary of the workgroup and the revision process. The K-12 Educational Technology Standards Revision Workgroup consisted of 30 members from throughout South Dakota representing a diversity of school districts. Members were selected from the received applications based on grade level expertise, interest as a grade level lead, and availability and they represent current K-12 technology and content teachers, K-12 technology coordinators, K-12 administrators, and post-secondary professors. The workgroups met via Zoom six times between May 27, 2020 and June 18, 2020. Those days consisted of discussions and work time within the whole group, grade bands, as well as grade level. The grade level workgroups also met outside of the designated work time to continue their effort.

Fowler testified that the workgroup participants utilized the seven strands of the International Society for Technology in Education (ISTE) standards as the foundation for these proposed South Dakota standards. South Dakota specific grade level outcomes were created by the workgroup members. Many of the strands are similar to the 2015 standards with the addition of global collaboration to increase the collaboration skills of 21st Century learners.

Public Comment

No new public comment since last hearing.

Exhibit #13 is from a K-12 educator who was a workgroup participant. They offered a wording change between two of the Empowered Learner indicators in 3rd and 4th grade.

Resolution: The edits have been made to the proposed standards document and details are listed as Exhibit #13. These changes were described at the January 2021 hearing.

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Opponent Testimony

There was no opponent testimony in person or on the phone.

Motion by Guffin second by Westra to approve Architecture & Construction; Education & Training; Foundational Career & Technical Education; Information Technology; Law, Public Safety, Security & Corrections; Science, Technology, Engineering & Mathematics (STEM); Physical Education; and Educational Technology standards as presented/proposed. Roll call vote. All present voted in favor. Motion carried. Voting aye: Guffin, Heineman, Olsen Nebelsick, Sly, Westra, and Willard.

The standards hearing closed at approximately 11:00 p.m. MDT.

Standards Revision Timeline

Stephanie Higdon, DOE, presented proposed changes to the Standards Revision Timeline, with a reminder that core content standards are reviewed every seven years and CTE standards are reviewed every five years.

Higdon requested that Health Education Standards, which were not included on the last Standards Revision Timeline, be added to the standards revision timeline. Please take note the Health Sciences and Health Education or two different sets of standards. Health Education standards have been added for revision in 2023-2024 and added to the timeline for future years.

Motion by Willard and second by Heineman to approve the Standards Revision timeline as presented. Roll call vote. All present voted in favor. Motion carried. Voting aye: Guffin, Heineman, Olsen Nebelsick, Sly, Westra, and Willard.

Augustana University – Science Composite Preparation Program

Kathy Riedy, Administrator of Accreditation, Division of Accreditation, Certification and Data Management, DOE, presented Augustana University’s application to amend their currently approved Science preparation program. During their recent accreditation review they were approved to offer Biology, Chemistry and Physics preparations under their Science program. They are now asking to add the Science Composite to that list. Under current rules this simply means that the teacher candidate will complete a combination of two of the offered sciences. Along with the application I have also included the course of study provided by Augustana. This illustrates that they meet the prep program rule and our certification requirements for the science composite endorsement as well. Since the individual science offerings have already been approved, at this time I would ask that you approve the amendment to add the Science composite to Augustana’s Science Preparation program.

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348 Board Comment/questions

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350 Sly asked if other universities that are doing Science Composite programs?

351 Riedy answered that yes there are other programs.

352

353 Motion by Guffin and second by Nebelsick to approve the amendment to the Augustana
354 University Science Composite Preparation Program as presented. Roll call vote. All present
355 voted in favor. Motion carried. Voting aye: Guffin, Heineman, Olsen Nebelsick, Sly, Westra, and
356 Willard.

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358 **Perkins Accountability Trajectories for Public Comment**

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360 Laura Scheibe – Director, Division of Career and Technical Education, DOE presented an update
361 on the Perkins accountability trajectories. SD DOE is proposing to revise the levels incorporated
362 into the 2020 State Plan, which the BOES approved, due to the “unanticipated circumstances”
363 of COVID-19, as provided for in the law. Because the BOES approved the plan, we wanted to
364 alert the board of this revision and opportunity for public comment.

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366 Board Comment/questions

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368 There was some board discussion on clarification of the process and interest in the changes to
369 the plan.

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371 **Secretary’s Report**

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373 Secretary Sanderson provided an informational update on several items. Secretary Sanderson
374 gave a brief Legislative Review, on-going funding of a 2.4% increase to state aid to education
375 budget and One-time funding of an \$11M – redistribution of existing state aid and \$900K –
376 Civics/History Initiative, as well as Major Policy impacts of SB 171, SB 177, and HB 1066.

377

378 The report included information on COVID-19 vaccinations related to school staff.

379

380 Secretary Sanderson went on with an overview of Federal Funding. Three major rounds of
381 federal legislation that have impacted March 2020 – CARES Act, December 2020 – CCRSA,
382 March 2021 – American Relief Plan. There is a total of \$736 M in grant funds to Department of
383 Education programs – PK-14 education funding, nutrition programs, and libraries, and an over
384 view of Elementary and Secondary School Emergency Relief Funds as well as Accredited private
385 school funding in the last two rounds, called EANS (Emergency Assistance to Nonpublic
386 Schools).

387

388 Secretary Sanderson stated that the department submitted several waiver requests to the
389 USDE earlier in the winter related to state assessments and school accountability. The USDE
390 requiring all state assessments to create a benchmark for states and districts to work from.

391 Sanderson stated that one of the larger elements we're waiting to hear from USDE on is school
392 accountability classifications. Secretary Sanderson stated the hope is that following this school
393 year and all of its uncertainties and the impacts on learning that we assess and use the results
394 as a benchmark – a reality check on where learning is at and what subpopulations of students
395 are or aren't represented in the results. DOE hopes to be granted a waiver from the ESSA
396 required school accountability classifications for this year.

397
398 Secretary Sanderson mentioned the South Dakota Week of Work, scheduled for the week of
399 April 19-23, 2021. The South Dakota Week of Work will introduce middle and high school
400 students to career opportunities in their own communities and across the state through job
401 shadows, industry tours, and other business-classroom connections. Many activities will be
402 offered virtually this year. It's a week of exploration, with the aim of guiding students, engaging
403 local businesses, and introducing employers to their future workforce.

404
405 Secretary Sanderson concluded with a Year-End report. She stated that through this unique
406 year and all the ways schools addressed the emergency management of COVID-19, we've been
407 careful not to ask for more than necessary from districts. There are plans to conduct a year-end
408 survey in May: to create a formal report to share the story of education in South Dakota and
409 the extraordinary efforts our educators and boards have gone to in educating our students and
410 keeping schools open so that parents could work and businesses could operate; and data will
411 help identify common pinch points and district needs for state-level technical assistance or
412 programming. Several of the questions will address the data points needed for the distribution
413 of Pandemic EBT (P-EBT) funding the Department of Social Services has received. Data will be
414 finalized in June with a report to be released later in the summer.

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418 NEXT MEETING: May 17, 2021: MacKay Building, First Floor Library Commons, 800 Governors
419 Drive Pierre South Dakota.

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421 **Adjournment:**

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423 Motion by Nebelsick second Guffin to adjourn. Roll call vote. All present voted in favor. Motion
424 carried. Voting aye: Guffin, Heineman, Olsen Nebelsick, Sly, Westra, and Willard.

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426 Meeting adjourned at approximately 11:52 a.m. MDT.

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428

429 Ferne G. Haddock
430 Executive Secretary BOES

Date: