

**Report of the State Board of Education
Committee of the Full Board
February 1, 2017**

The State Board of Education Committee of the Full Board met at 9:07 a.m. on Wednesday, February 1, 2017, in the State Board of Education Room, #1-104, of the William B. Travis Building, 1701 N. Congress Avenue, Austin, Texas. All members of the committee were present, as follows:

Presiding: Donna Bahorich, chair; Lawrence A. Allen, Jr.; Erika Beltran; David Bradley; Barbara Cargill; Ruben Cortez, Jr.; Keven Ellis; Pat Hardy; Tom Maynard; Sue Melton-Malone; Ken Mercer; Geraldine “Tincy” Miller; Georgina C. Pérez; Marisa B. Perez; Marty Rowley

Public Testimony

This item provides an opportunity for the public to present testimony at the time the related item comes up for committee discussion or action. The procedures for registering and taking public testimony at State Board of Education committee meetings and general board meetings are provided at http://tea.texas.gov/About_TEA/Leadership/State_Board_of_Education/SBOE_Meetings/SBOE_Operating_Rules_Amended_4-17-15/ or in the information section (yellow pages) of the agenda.

The Committee of the Full Board received no presentations of public testimony.

DISCUSSION ITEM

1. Commissioner's Comments
(Board agenda page I-47)

Commissioner of Education Mike Morath complimented the board on its thoughtful efforts to revise the English and Spanish language arts and reading Texas Essential Knowledge and Skills (TEKS). He also discussed and responded to questions about the A-F accountability system, now in the development stage, and school board member training. The commissioner noted that the agency expects to give districts credit in the new rating system when their students earn any of 67 Career and Technical Education certifications. Additionally, the commissioner advised the board that the agency has been working with stakeholders for six months to revise the confidential student report card, which is used to report state test results to parents. He believes the new report will be more parent-friendly.

ACTION ITEMS

2. Proposed Amendments to 19 TAC Chapter 74, Curriculum Requirements, Subchapter B, Graduation Requirements
(Second Reading and Final Adoption)
(Board agenda page I-1)
[Official agenda item #3]

Monica Martinez, associate commissioner for standards and support services, provided an overview of the proposed changes to the graduation requirements and responded to the questions

concerning the alignment of board rules with legislation regarding the sequence of mathematics courses. Ms. Martinez explained that districts are required to comply with state statute even if there is a discrepancy between law and rule.

MOTION: *It was moved by Mr. Maynard and seconded by Ms. Hardy to recommend that the State Board of Education approve for second reading and final adoption proposed amendments to 19 TAC Chapter 74, Curriculum Requirements, Subchapter B, Graduation Requirements, §74.12, Foundation High School Program, and §74.13, Endorsements, with an effective date of August 28, 2017.*

The committee requested that staff use the full course title of AP Computer Science A in §§74.12(b)(2)(B)(ix), 74.13(e)(2)(I), and 74.13(f)(1)(B)(xi).

MOTION AND VOTE: *It was moved by Dr. Ellis, seconded by Mr. Maynard, and carried to recommend that the State Board of Education amend §74.12(b)(2)(A) and (2)(B) to strike the words “After the successful completion of Algebra I and Geometry.” (Mr. Bradley was absent for the vote.)*

VOTE: *A vote was taken on the motion to recommend that the State Board of Education approve for second reading and final adoption proposed amendments to 19 TAC Chapter 74, Curriculum Requirements, Subchapter B, Graduation Requirements, §74.12, Foundation High School Program, and §74.13, Endorsements, with an effective date of August 28, 2017, as amended. The motion carried unanimously. (Mr. Bradley was absent for the vote.)*

3. **Proposed Amendments to 19 TAC Chapter 112, Texas Essential Knowledge and Skills for Science, Subchapter A, Elementary, Subchapter B, Middle School, and Subchapter C, High School**

(First Reading and Filing Authorization)
(Board agenda page I-23)
[Official agenda item #4]

Ms. Martinez explained that the committees had documented the amount of time estimated to teach each of the student expectations with their recommended revisions. Ms. Martinez explained that amendments would likely impact the committee’s estimates for instructional time.

MOTION: *It was moved by Mr. Maynard and seconded by Ms. Hardy to recommend that the State Board of Education approve for first reading and filing authorization proposed amendments to 19 TAC Chapter 112, Texas Essential Knowledge and Skills for Science, Subchapter A, Elementary, Subchapter B, Middle School, and Subchapter C, High School.*

MOTION: *It was moved by Mr. Mercer, seconded by Mrs. Cargill, and carried unanimously to recommend that the State Board of Education replace “safety goggles” with “chemical splash goggles” anywhere that safety goggles are referenced in the proposal. (Mr. Allen was absent for the vote.)*

MOTION AND VOTE: *It was moved by Mrs. Cargill, seconded by Ms. Hardy, and carried to amend the amendment to read, “safety goggles or chemical splash goggles, as appropriate.”*

VOTE: *A vote was taken on Mr. Mercer’s original motion as amended. The motion carried unanimously.*

MOTION AND VOTE: *It was moved by Mr. Mercer, seconded by Ms. Hardy, and carried unanimously to recommend that the State Board of Education amend §112.14(a)(1)(A) to strike the word “heat” to read:*

“Within the physical environment, students recognize that patterns, relationships, and cycles exist in matter. Students will investigate the physical properties of matter and will learn that changes occur. They explore mixtures and investigate light, sound, and ~~heat~~ thermal energy in everyday life. Students manipulate objects by pushing and pulling to demonstrate changes in motion and position.” *(Mr. Allen was absent for the vote.)*

MOTION AND VOTE: *It was moved by Mr. Mercer, seconded by Mrs. Cargill, and carried to recommend that the State Board of Education amend §112.14(b)(6)(A) to read:*

“explore different forms of energy, including mechanical, light, sound, and ~~heat~~ thermal in everyday life.”

MOTION AND VOTE: *It was moved by Mrs. Cargill and carried to recommend that the State Board of Education amend §112.14(a)(1)(B) to change the word “physical” to “natural” to read:*

“Within the ~~physical~~ natural environment, students investigate how the surface of Earth changes and provides resources that humans use. As students explore objects in the sky, they describe how relationships affect patterns and cycles on Earth. Students will construct models to demonstrate Sun, Earth, and Moon system relationships.”

MOTION AND VOTE: *It was moved by Mrs. Cargill, seconded by Ms. Hardy, and carried to recommend that the State Board of Education amend §112.15(b)(10)(A) to read:*

“explore how structures and functions ~~adaptations~~ enable organisms to survive in their environment ~~such as comparing birds’ beaks and leaves on plants.~~”

MOTION AND VOTE: *It was moved by Mr. Mercer, seconded by Ms. Hardy, and carried to recommend that the State Board of Education maintain the original language in §112.16(b)(2)(D).*

MOTION AND VOTE: *It was moved by Mr. Mercer, seconded by Mr. Allen, and carried to recommend that the State Board of Education amend §112.16(b)(5)(C) to read:*

“identify changes that can occur in the physical properties of the ingredients of mixtures ~~solutions~~ such as creating solutions by dissolving salt in water or adding lemon juice to water.”

MOTION AND VOTE: *It was moved by Mr. Mercer, seconded by Mr. Allen, and carried to recommend that the State Board of Education amend §112.16(b)(6)(B) to read:*

“demonstrate that the flow of electricity in closed circuits can produce light, heat, ~~or~~ and sound.”

MOTION AND VOTE: *It was moved by Mr. Mercer, seconded by Mr. Allen, and carried to recommend that the State Board of Education amend §112.16(b)(7)(B) to read:*

“recognize how landforms such as deltas, canyons, and sand dunes are the result of changes to Earth’s surface by wind, water, or ~~and~~ ice.”

MOTION AND VOTE: *It was moved by Mr. Mercer and seconded by Ms. Hardy to recommend that the State Board of Education strike §112.18(b)(6)(B). The motion failed.*

MOTION AND VOTE: *It was moved by Mrs. Cargill, seconded by Ms. Hardy, and carried to recommend that the State Board of Education maintain the original language in §112.19(b)(9)(B).*

MOTION AND VOTE: *It was moved by Mrs. Cargill and seconded by Mr. Mercer to recommend that the State Board of Education maintain the original language in §112.34(b)(2). The motion failed.*

MOTION AND VOTE: *It was moved by Mr. Rowley, seconded by Mr. Mercer, and carried to recommend that the State Board of Education amend §112.34(c)(3)(A) to read:*

“analyze, evaluate, and critique scientific explanations by using empirical evidence, logical reasoning, and experimental and observational testing, so as to encourage critical thinking by the student.”

MOTION AND VOTE: *It was moved by Mrs. Cargill, seconded by Mr. Mercer, and carried to recommend that the State Board of Education amend §112.34(c)(4)(A) to read:*

“compare and contrast prokaryotic and eukaryotic cells, and evaluate scientific explanations for ~~including~~ their complexity.”

MOTION AND VOTE: *It was moved by Mrs. Cargill, seconded by Mr. Bradley, and carried to recommend that the State Board of Education amend §112.34(c)(6)(A) to read:*

“identify components of DNA, ~~and~~ describe how information for specifying the traits of an organism is carried in the DNA, and evaluate scientific explanations for the origin of DNA.”

MOTION AND VOTE: *It was moved by Mrs. Cargill, seconded by Mr. Mercer, and carried to recommend that the State Board of Education replace the original language of §112.34(c)(7)(B) to read:*

“~~examine analyze and evaluate~~ scientific explanations ~~concerning any data~~ of abrupt sudden appearance; and stasis; ~~and sequential nature of groups~~ in the fossil record.”

MOTION AND VOTE: *It was moved by Mrs. Cargill, seconded by Ms. Hardy, and carried to recommend that the State Board of Education maintain the original language of §112.38(b)(2) and amend the language to read:*

“Nature of science. Science, as defined by the National Academy of Sciences, is the "use of evidence to construct testable explanations and predictions of natural phenomena, as well as the knowledge generated through this process." This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. Students should know that some questions are outside the realm of science because they deal with phenomena that are not currently scientifically testable.”

MOTION: *It was moved by Mrs. Cargill and seconded by Ms. Hardy to recommend that the State Board of Education amend §112.39(b)(2) and amend the language to read:*

“Nature of science. Science, as defined by the National Academy of Sciences, is the "use of evidence to construct testable explanations and predictions of natural phenomena, as well as the knowledge generated through this process." This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. Students should know that some questions are outside the realm of science because they deal with phenomena that are not currently scientifically testable.”

MOTION AND VOTE: *It was moved by Mr. Rowley, seconded by Mr. Allen, and carried to recommend that the State Board of Education amend §112.39(b)(2) to add “by empirical science.”*

VOTE: *A vote was taken on the original motion to recommend that the State Board of Education amend §112.39(b)(2). The motion carried as amended.*

MOTION AND VOTE: *It was moved by Mrs. Cargill and carried to recommend that the State Board of Education maintain the original language of §112.39(c)(2)(A).*

MOTION AND VOTE: *It was moved by Mrs. Cargill and seconded by Mr. Bradley to recommend that the State Board of Education maintain the original language in §112.39(c)(2)(B). The motion failed.*

MOTION AND VOTE: *It was moved by Mrs. Cargill and seconded by Mr. Mercer to recommend that the State Board of Education maintain the original language in §112.39(c)(2)(C). The motion failed.*

VOTE: *A vote was taken on the original motion to recommend that the State Board of Education approve for first reading and filing authorization proposed amendments to 19 TAC Chapter 112, Texas Essential Knowledge and Skills for Science, Subchapter A, Elementary, Subchapter B, Middle School, and Subchapter C, High School, as amended. The motion carried.*

4. **Proposed Revisions to 19 TAC Chapter 110, Texas Essential Knowledge and Skills for English Language Arts and Reading, and Chapter 128, Texas Essential Knowledge and Skills for Spanish Language Arts and Reading and English as a Second Language**

(First Reading and Filing Authorization)

(Board agenda page I-31)

[Official agenda item #5]

Ms. Martinez explained the documents that had been provided including vertical alignment charts and proposed rule text.

MOTION: *It was moved by Mr. Maynard and seconded by Ms. Hardy to recommend that the State Board of Education approve for first reading and filing authorization proposed revisions to 19 TAC Chapter 110, Texas Essential Knowledge and Skills for English Language Arts and Reading, Subchapter A, Elementary, Subchapter B, Middle School, and Subchapter C, High School, and Chapter 128, Texas Essential Knowledge and Skills for Spanish Language Arts and Reading and English and a Second Language, Subchapter A, Elementary, Subchapter B, Middle School, and Subchapter C, High School.*

MOTION AND VOTE: *It was moved by Mr. Maynard, seconded by Mr. Rowley, and carried unanimously to recommend that the State Board of Education divide the question to consider 19 TAC Chapter 110, Texas Essential Knowledge and Skills for English Language Arts and Reading, Subchapter A, Elementary, and Subchapter B, Middle School, and Chapter 128, Texas Essential Knowledge and Skills for Spanish Language Arts and Reading and English and a Second Language, Subchapter A, Elementary, and Subchapter B, Middle School from 19 TAC Chapter 110, Texas Essential Knowledge and Skills for English Language Arts and Reading, Subchapter C, High School, and Chapter 128, Texas Essential Knowledge and Skills for Spanish Language Arts and Reading and English as a Second Language, Subchapter C, High School.*

MOTION AND VOTE: *It was moved by Mr. Maynard, seconded by Mr. Rowley, and carried unanimously to recommend that the State Board of Education postpone consideration of first reading and filing authorization for 19 TAC Chapter 110, Texas Essential Knowledge and Skills for English Language Arts and Reading, Subchapter C, High School, and Chapter 128, Texas Essential Knowledge and Skills for Spanish Language Arts and Reading and English and a Second Language, Subchapter C, High School until the April 2017 meeting.*

A series of amendments were made to 19 TAC Chapter 110, Texas Essential Knowledge and Skills for English Language Arts and Reading, Subchapter A, Elementary, and Subchapter B, Middle School, and Chapter 128, Texas Essential Knowledge and Skills for Spanish Language Arts and Reading and English and a Second Language, Subchapter A, Elementary, and Subchapter B, Middle School.

VOTE: *A vote was taken on the original motion to recommend that the State Board of Education approve for first reading and filing authorization proposed revisions to 19 TAC Chapter 110, Texas Essential Knowledge and Skills for English Language Arts and Reading, Subchapter A, Elementary, and Subchapter B, Middle School, and Chapter 128, Texas Essential Knowledge and Skills for Spanish Language Arts and Reading and English and a Second Language, Subchapter A, Elementary, and Subchapter B, Middle School, as amended. The motion carried.*

DISCUSSION ITEMS

- 5. Discussion of *Proclamation 2019* of the State Board of Education Advertising for Bids on Instructional Materials**
(Board agenda page I-49)

Kelly Callaway, senior director, instructional materials, presented a draft of *Proclamation 2019*. The board requested that staff add handwriting and spelling to the list of subjects in the proclamation. The board also requested that staff add language requiring publishers that submit new products to also provide new correlations to any currently adopted products they have and for the agency to pursue negotiating a lower price on those products.

- 6. Discussion of Pending Litigation**
(Board agenda page I-57)

The committee did not discuss pending litigation; therefore, no executive session was held.

Mrs. Bahorich adjourned the meeting at 7:16 p.m. Wednesday, February 1. Mrs. Bahorich called the meeting back to order at 1:04 p.m. Thursday, February 2. The meeting adjourned at 6:01 p.m.