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# **FINAL MINUTES OF MEETING: September 20–21, 2018**

Instructional Quality Commission

An advisory body to the California State Board of Education

(Approved on November 15, 2018)

Report of Action

## Thursday, September 20, 2018

**Instructional Quality Commissioners Present:**

Dean Reese, Commission Chair

Soomin Chao, Vice Chair

Jocelyn Broemmelsiek

Christine Chapman

Lizette Diaz

Shay Fairchild

Jose Flores

Risha Krishna

Jose Iniguez

Jose Lara

Yolanda Muñoz

Melanie Murphy-Corwin

Nicole Naditz

Alma-Delia Renteria

Julie Tonkovich

Jennifer Woo

**Commissioners Absent:**

Assemblywoman Sharon Quirk-Silva

Senator Anthony Portantino

**Executive Director:**

Stephanie Gregson

**State Board of Education Liaison Present:**

Patricia Rucker (late)

### Full Instructional Quality Commission (Commission or IQC)

* 1. Call to Order

Commission Chair Reese called the meeting to order at approximately 10 a.m.

* 1. Salute to the Flag

Commissioner Fairchild led the salute to the flag.

* 1. Overview of Agenda

There were no changes to the agenda.

* 1. Approval of Minutes (Action)

**ACTION**: Commissioner Murphy-Corwin moved to approve the July 13, 2018, Science Subject Matter Committee (SMC) meeting and July 26 and August 13, 2018, Commission meeting minutes. Commissioner Muñoz seconded the motion. There was no discussion or public comment. The motion was approved by a unanimous vote of the members present (16–0). Assemblywoman Quirk-Silva, and Senator Portantino were absent from the meeting.

* 1. Report of the Chair

Commission Chair Reese reported at the September 6, 2018, State Board of Education (SBE) meeting the SBE approved California’s first-ever Computer Science Standards.

* 1. Executive Director’s Report

Executive Director Stephanie Gregson reported on the following:

* Computer Science Standards
* World Languages and Arts Framework Focus Group meetings
* World Languages and Arts Curriculum Framework and Evaluation Criteria Committee application deadline is October 15
* Ethnic Studies Model Curriculum application deadline is October 17
* IQC recruitment application deadline is October 10
* Math, Science, History–Social Science, and Health Joint Collaboration Committees
  1. Report for the State Board of Education

SBE liaison Rucker reported on the activities of the SBE.

* 1. Other Matters/Public Comment: None

### Education Technology Committee

Committee Chair Murphy-Corwin called the Education Technology Committee meeting to order.

1. Computer Science Strategic Implementation Plan (Information/Action)
2. Review the Draft Strategic Implementation Plan (Information)

Barbara Murchison, Director, Educator Excellence and Equity Division, California Department of Education (CDE), provided an update on the computer science implementation plan development process.

1. Public Comment on the Draft Computer Science Strategic Implementation Plan: None
2. Approval of the Draft Computer Science Strategic Implementation Plan (Action)

**ACTION**: Commissioner Naditz moved to recommend the draft Computer Science Strategic Implementation Plan for the 30-day public review and comment period. Commissioner Iniguez seconded the motion. The motion was approved by a unanimous vote of the committee members present (8–0).

1. Approval of the Online Survey for the Public Review and Comment Period (Action)

SMC Chair Naditz led the discussion to approve the online survey for the 60-day public review and comment period of the draft *World Languages Standards*.

**ACTION**: Commissioner Chao moved to recommend the survey questions for the online survey that will be posted along with the draft Computer Science Strategic Implementation Plan. Commissioner Renteria seconded the motion. The motion was approved by a unanimous vote of the committee members present (8–0).

1. Other Matters/Public Comment: None

### Science Subject Matter Committee

SMC Co-Chair Broemmelsiek called the Science SMC meeting to order.

1. Report on the 2018 Science Adoption of K–8 Instructional Materials(Information)

SMC Co-Chair Broemmelsiek provided an overview of the adoption process.

1. Public Hearing on the Submissions for the 2018 Science Adoption of K–8 Instructional Materials (Time Certain 11:15 a.m.)

For the public hearing, each program was allowed 10 minutes. The following individuals provided public comment during the public hearing:

1. Andrew Norris, TPS Publishing, Inc., STEAM into NGSS, K–8
2. Andrew Norris, TPS Publishing, Inc., STEAM Exploration, K–8
3. Andrew Norris, TPS Publishing, Inc., Science Curriculum, K–8
4. Jessica Sawko, California Science Teachers Association
5. Tom Guetling, Carolina Biological Supply Company, Building Blocks of Science 3D, K–5
6. Subject Matter Committee Recommendations to the Full Commission on the Submissions for the 2018 Science Adoption of K–8 Instructional Materials (Action)

The Subject Matter Committee took action to recommend programs to the full Commission. All motions were stated in the affirmative. A yes vote for a motion meant that the SMC recommended the program to the full IQC, while a no vote against the motion meant that the SMC did not recommend the program to the SBE.

1. Proposed Consent List of Instructional Materials Programs (recommended in the Reports of Findings of the Review Panels)

**ACTION**: SMC Co-Chair Chao moved to recommend the programs on the list of consent items to the Full IQC, which include:

| Publisher | Program Title | Grade Level(s) | IQC  Finding |
| --- | --- | --- | --- |
| Accelerate Learning, Inc. | STEMscopes CA NGSS 3D | 6–8i | Recommend |
| Accelerate Learning, Inc. | STEMscopes CA NGSS 3D | 6–8d | Recommend |
| Activate Learning | IQWST California Edition | 6–8i | Recommend |
| Discovery Education, Inc. | Science Techbook for California NGSS | K–8i | Recommend |
| Great Minds LLC | Great Minds Science | 4 | Recommend |
| Green Ninja | Green Ninja Integrated Middle School Science | 6–8i | Recommend |
| Houghton Mifflin Harcourt Publishing Company | California HMH Science Dimensions | K–6 | Recommend |
| Lab-Aids | Issues and Science | 6–7i | Recommend |
| Learning Bits Inc. | SMART NGSS by Science Bits | 6–8d | Recommend |
| McGraw-Hill School Education LLC | California Inspire Science | K–6 | Recommend |
| National Geographic Learning, a division of Cengage Learning, Inc. | National Geographic Exploring Science | K–6i | Recommend |
| Pearson Education Inc. | California Elevate Science | K–6 | Recommend |
| Pearson Education Inc. | California Elevate Science, Integrated | 6–8i | Recommend |
| Pearson Education Inc. | California Elevate Science | 6–8d | Recommend |
| TCI | Bring Science Alive! California Program K–5 | K–5 | Recommend |
| TCI | Bring Science Alive! California Program 6-8 | 6–8d | Recommend |
| Twig Education, Inc. | Twig Science | K–6i | Recommend |

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (8–0). The programs on the consent list were recommended.

1. Consideration of Individual Programs

**Accelerate Learning, Inc., STEMscopes CA NGSS 3D, K–5**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend Accelerate Leaning, Inc., STEMscopes CA NGSS 3D, K–5, for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings;
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a vote of the members present (6–2). The program was recommended.

**Amplify Education, Inc., Amplify Science: California Discipline Specific Course Model, 6–8d**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend Amplify Education, Inc., Amplify Science: California Discipline Specific Course Model, 6–8d for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings;
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (8–0). The program was recommended.

**Amplify Education, Inc., Amplify Science: California Integrated Course Course Model, K–8i**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend Amplify Education, Inc., Amplify Science: California Integrated Course Course Model, K–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings;
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (8–0). The program was recommended.

**Carolina Biological Supply Company, Building Blocks of Science 3D, K–5**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend Carolina Biological Supply Company, Building Blocks of Science 3D, K–5 for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings, with the exception of the following:
  + Remove edits 15, 28, 32–34, 40–48, 50, 52–54, 56–59, 61–64, 68, 69, 71–73, 75, 76, 78–80, and 92–94.
  + Modify edit #49 to read, “When adobe is cold, heat cn flow into it, and when adobe is warm, heat can flow out of it.”
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a vote of the members present (5–3). The program was recommended.

**Carolina Biological Supply Company, STCMS (Science and Technology Concepts Middle School), 6-8d**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend Carolina Biological Supply Company, STCMS, 6–8d for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings;
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was not approved by a unanimous vote of the members present (0–8). The program was not recommended.

**Delta Education LLC, FOSS Next Generation Elementary, K–5**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend Delta Education LLC, FOSS Next Generation Elementary, K–5 for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings, with the exception of edit #5, which the SMC recommended using the proposed edit submitted by the publisher;
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (8–0). The program was recommended.

**Delta Education LLC, FOSS Next Generation Middle School, 6–8i**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend Delta Education LLC, FOSS Next Generation Middle School, 6–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings, with the exception of edit #4, which was modified to cite the correct page in the instructional materials;
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (8–0). The program was recommended.

**Houghton Mifflin Harcourt Publishing Company, California HMH Science Dimensions, 6–8i**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend Houghton Mifflin Harcourt Publishing Company, California HMH Science Dimensions, 6–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings, with the exception of the following:
  + Remove edits 3–16, 21, and 28–31.
  + Modify edits 1 and 2 to remove the word “optional” rather than adding the word “required.”
  + Remove edits 22 and 32 in favor of the proposed edits submitted by the publisher.
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (8–0). The program was recommended.

**Impact Science Education, Inc., Impact Science: Integrated Middle School Program for CA NGSS, 6–8i**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend Impact Science Education, Inc., Impact Science: Integrated Middle School Program for CA NGSS, 6–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings, with the exception of the following:
  + Remove edits 23, 35, 36, 39, 42, 46, and 53.
  + Remove edits 44 and 45 in favor of the proposed edits submitted by the publisher.
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (8–0). The program was recommended.

**Impact Science Education, Inc., Impact Science: Middle School Programs by Discipline for CA NGSS, 6–8d**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend Impact Science Education, Inc., Impact Science: Middle School Programs by Discipline for CA NGSS, 6–8d for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings, with the exception of the following:
  + Remove edit #2 in favor of the proposed edit submitted by the publisher.
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (8–0). The program was recommended.

**Knowing Science LLC, Knowing Science Curriculum – Physical, Life, Earth & Space, K–5**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend Knowing Science LLC, Knowing Science Curriculum – Physical, Life, Earth & Space, K–5 for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings;
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was not approved by a unanimous vote of the members present (0–8). The program was not recommended.

**McGraw-Hill School Education LLC, California Inspire Science, 6–8d**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend McGraw-Hill School Education LLC, California Inspire Science, 6–8d for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings, with the exception of the following:
  + Remove edits 9 and 21.
  + Add the edit submitted via public comment to replace the image of a pizza to an image of a cold pack in Unit 4 on Page 22 of the instructional materials.
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (8–0). The program was recommended.

**McGraw-Hill School Education LLLC, California Inspire Science, 6–8i**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend McGraw-Hill School Education LLLC, California Inspire Science, 6–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings, with the exception of the following:
  + Remove edits 4, 59, 81, 89, 125, 147 and 155.
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a vote of the members present (7–1). The program was recommended.

**TCI, Bring Science Alive! California Integrated Program, 6–8i**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend TCI, Bring Science Alive! California Integrated Program, 6–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings, with the exception of the following:
  + Remove edits 10 and 17.
  + Remove social content citation #1.
  + Remove edits 5, 6 and 22 in favor of the proposed edits submitted by the publisher.
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (8–0). The program was recommended.

**TPS Publishing, Inc., Creative Science Curriculum, K–8d**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend TPS Publishing, Inc., Creative Science Curriculum, K–8d for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings;
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was not approved by a unanimous vote of the members present (0–8). The program was not recommended.

**TPS Publishing, Inc., STEAM Exploration, K–8i**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend TPS Publishing, Inc., STEAM Exploration, K–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings;
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was not approved by a unanimous vote of the members present (0–8). The program was not recommended.

**TPS Publishing, Inc., STEAM into NGSS, K–8i**

**ACTION**: SMC Co-Chair Broemmelsiek made the motion to recommend TPS Publishing, Inc., STEAM into NGSS, K–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings;
* any other edits and corrections identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Flores seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was not approved by a unanimous vote of the members present (0–8). The program was not recommended.

1. Other Matters/Public Comment: None

ADJOURNMENT FOR THE DAY

Report of Action

## Friday, September 21, 2018

**Instructional Quality Commissioners Present:**

Dean Reese, Commission Chair

Soomin Chao, Vice Chair

Jocelyn Broemmelsiek

Christine Chapman

Lizette Diaz

Shay Fairchild

Jose Flores

Risha Krishna

Jose Iniguez

Jose Lara

Yolanda Muñoz

Melanie Murphy-Corwin

Nicole Naditz

Alma-Delia Renteria

Julie Tonkovich

Jennifer Woo

**Commissioners Absent:**

Assemblywoman Sharon Quirk-Silva

Senator Anthony Portantino

**Executive Director:**

Stephanie Gregson

**State Board of Education Liaison Present:**

Patricia Rucker

### Full Commission Reconvenes

1. Reports/Action from Subcommittees

Education Technology Committee

1. Full Commission Approval of the Draft Computer Science Strategic Implementation Plan for the 30-Day Public Review and Comment Period (Action)

**ACTION**: Committee Chair Murphy-Corwin moved that the Commission approve the draft Computer Science Strategic Implementation Plan for the 30-Day Public Review and Comment Period. Commissioner Fairchild seconded the motion. There was no discussion or public comment. The motion was approved by a unanimous vote of the members present (16–0). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting.

1. Full Commission Approval of the Computer Science Strategic Implementation Plan Online Survey for the Public Review and Comment Period (Action)

**ACTION**: Committee Chair Murphy-Corwin moved that the Commission approve the draft Computer Science Strategic Implementation Plan Online Survey for the Public Review and Comment Period. Commissioner Naditz seconded the motion. There was no discussion or public comment. The motion was approved by a unanimous vote of the members present (16–0). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting.

1. Public Hearing on the Submissions for the 2018 Science Adoption of K–8 Instructional Materials (Time Certain 9 a.m.)

For the public hearing, each program was allowed 10 minutes. The following individuals provided public comment during the public hearing:

1. Andrew Norris, TPS Publishing, Inc., STEAM into NGSS, K–8
2. Andrew Norris, TPS Publishing, Inc., STEAM Exploration, K–8
3. Andrew Norris, TPS Publishing, Inc., Science Curriculum, K–8
4. Commission Recommendation to the SBE the Submissions for the 2018 Science Adoption of K–8 Instructional Materials (Action)

The Commission took action to recommend programs to the SBE. All motions were stated in the affirmative. A yes vote for a motion meant that the Commission recommended the program to the SBE, while a no vote against the motion meant that the Commission did not recommend the program to the SBE.

1. Proposed Consent List of Instructional Materials Programs (Recommended in the Reports of Findings of the Review Panels)

**ACTION**: SMC Co-Chair Chao moved to recommend the programs on the list of consent items to the SBE, which include:

| Publisher | Program Title | Grade Level(s) | IQC  Finding |
| --- | --- | --- | --- |
| Accelerate Learning, Inc. | STEMscopes CA NGSS 3D | 6–8i | Recommend |
| Accelerate Learning, Inc. | STEMscopes CA NGSS 3D | 6–8d | Recommend |
| Activate Learning | IQWST California Edition | 6–8i | Recommend |
| Discovery Education, Inc. | Science Techbook for California NGSS | K–8i | Recommend |
| Great Minds LLC | Great Minds Science | 4 | Recommend |
| Green Ninja | Green Ninja Integrated Middle School Science | 6–8i | Recommend |
| Houghton Mifflin Harcourt Publishing Company | California HMH Science Dimensions | K–6 | Recommend |
| Lab-Aids | Issues and Science | 6–7i | Recommend |
| Learning Bits Inc. | SMART NGSS by Science Bits | 6–8d | Recommend |
| McGraw-Hill School Education LLC | California Inspire Science | K–6 | Recommend |
| National Geographic Learning, a division of Cengage Learning, Inc. | National Geographic Exploring Science | K–6i | Recommend |
| Pearson Education Inc. | California Elevate Science | K–6 | Recommend |
| Pearson Education Inc. | California Elevate Science, Integrated | 6–8i | Recommend |
| Pearson Education Inc. | California Elevate Science | 6–8d | Recommend |
| TCI | Bring Science Alive! California Program K–5 | K–5 | Recommend |
| TCI | Bring Science Alive! California Program 6-8 | 6–8d | Recommend |
| Twig Education, Inc. | Twig Science | K–6i | Recommend |

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (16–0). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The programs on the consent list were recommended.

1. Consideration of Individual Programs

**Accelerate Learning, Inc., STEMscopes CA NGSS 3D, K–5**

**ACTION**: SMC Co-Chair Chao made the motion to recommend Accelerate Leaning, Inc., STEMscopes CA NGSS 3D, K–5, for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC;
* any other edit and correction identified by the Commission, including amending edit #19 to say “rephrase section” and to use the public comment for edit #24; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (16–0). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was recommended.

**Amplify Education, Inc., Amplify Science: California Discipline Specific Course Model, 6–8d**

**ACTION**: SMC Co-Chair Chao made the motion to recommend Amplify Education, Inc., Amplify Science: California Discipline Specific Course Model, 6–8d for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC;
* any other edit and correction identified by the Commission, including using the publisher-submitted public comment for edit #2; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (16–0). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was recommended.

**Amplify Education, Inc., Amplify Science: California Integrated Course Course Model, K–8i**

**ACTION**: SMC Co-Chair Chao made the motion to recommend Amplify Education, Inc., Amplify Science: California Integrated Course Course Model, K–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC;
* any other edit and correction identified by the Commission, including using the publisher-submitted public comment for all edits addressed in the publisher comments; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (16–0). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was recommended.

**Carolina Biological Supply Company, Building Blocks of Science 3D, K–5**

**ACTION**: SMC Co-Chair Chao made the motion to recommend Carolina Biological Supply Company, Building Blocks of Science 3D, K–5 for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC and the SMC replacement language for edit number 49;
* any other edit and correction identified by the Commission, including changing edit #2 to “need air and food”; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a vote of the members present (12–4). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was recommended.

**Carolina Biological Supply Company, STCMS (Science and Technology Concepts Middle School), 6-8d**

**ACTION**: SMC Co-Chair Chao made the motion to recommend Carolina Biological Supply Company, STCMS, 6–8d for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC;
* any other edit and correction identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was not approved by a unanimous vote of the members present (0–16). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was not recommended.

**Delta Education LLC, FOSS Next Generation Elementary, K–5**

**ACTION**: SMC Co-Chair Chao made the motion to recommend Delta Education LLC, FOSS Next Generation Elementary, K–5 for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC, with the exception of edit number 5, which will use the language submitted by the publisher as public comment;
* any other edit and correction identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (16–0). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was recommended.

**Delta Education LLC, FOSS Next Generation Middle School, 6–8i**

**ACTION**: SMC Co-Chair Chao made the motion to recommend Delta Education LLC, FOSS Next Generation Middle School, 6–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC, with the exception of edit number 4, for which the SMC chose to use the corrected page number submitted by the publisher through public comment;
* any other edit and correction identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (16–0). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was recommended.

**Houghton Mifflin Harcourt Publishing Company, California HMH Science Dimensions, 6–8i**

**ACTION**: SMC Co-Chair Chao made the motion to recommend Houghton Mifflin Harcourt Publishing Company, California HMH Science Dimensions, 6–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC, with the exception of edits 22 and 32, for which the SMC chose the publisher language submitted through public comment;
* any other edit and correction identified by the Commission, including changes to edits #1 and #2, removing the word “optional” instead of adding the word “required”; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (16–0). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was recommended.

**Impact Science Education, Inc., Impact Science: Integrated Middle School Program for CA NGSS, 6–8i**

**ACTION**: SMC Co-Chair Chao made the motion to recommend Impact Science Education, Inc., Impact Science: Integrated Middle School Program for CA NGSS, 6–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC, with the exception of edits 44 and 45, for which the SMC chose the publisher language submitted through public comment;
* any other edit and correction identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (16–0). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was recommended.

**Impact Science Education, Inc., Impact Science: Middle School Programs by Discipline for CA NGSS, 6–8d**

**ACTION**: SMC Co-Chair Chao made the motion to recommend Impact Science Education, Inc., Impact Science: Middle School Programs by Discipline for CA NGSS, 6–8d for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC, with the exception of edit number 2, for which the SMC chose the publisher language submitted through public comment;
* any other edit and correction identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (16–0). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was recommended.

**Knowing Science LLC, Knowing Science Curriculum – Physical, Life, Earth & Space, K–5**

**ACTION**: SMC Co-Chair Chao made the motion to recommend Knowing Science LLC, Knowing Science Curriculum – Physical, Life, Earth & Space, K–5 for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC;
* any other edit and correction identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was not approved by a unanimous vote of the members present (0–16). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was not recommended.

**McGraw-Hill School Education LLC, California Inspire Science, 6–8d**

**ACTION**: SMC Co-Chair Chao made the motion to recommend McGraw-Hill School Education LLC, California Inspire Science, 6–8d for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC and the SMC addition of one edit to Unit 4, page 62, replacing one image;
* any other edit and correction identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

Commissioner Woo seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (16–0). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was recommended.

**McGraw-Hill School Education LLLC, California Inspire Science, 6–8i**

**ACTION**: SMC Co-Chair Chao made the motion to recommend McGraw-Hill School Education LLLC, California Inspire Science, 6–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC;
* any other edit and correction identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (16–0). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was recommended.

**TCI, Bring Science Alive! California Integrated Program, 6–8i**

**ACTION**: SMC Co-Chair Chao made the motion to recommend TCI, Bring Science Alive! California Integrated Program, 6–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC, with the exceptions of edits 5, 6, and 22, for which the SMC chose the publisher language submitted through public comment;
* any other edit and correction identified by the Commission, including the removal of social content citation #1; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (16–0). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was recommended.

**TPS Publishing, Inc., Creative Science Curriculum, K–8d**

**ACTION**: SMC Co-Chair Chao made the motion to recommend TPS Publishing, Inc., Creative Science Curriculum, K–8d for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC;
* any other edit and correction identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was not approved by a vote of the members present (0–15–1). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was not recommended.

**TPS Publishing, Inc., STEAM Exploration, K–8i**

**ACTION**: SMC Co-Chair Chao made the motion to recommend TPS Publishing, Inc., STEAM Exploration, K–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC;
* any other edit and correction identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was not approved by a vote of the members present (0–15–1). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was not recommended.

**TPS Publishing, Inc., STEAM into NGSS, K–8i**

**ACTION**: SMC Co-Chair Chao made the motion to recommend TPS Publishing, Inc., STEAM into NGSS, K–8i for adoption by the SBE with

* the minor edits and corrections as noted in the IMR/CRE Report of Findings that were accepted by the Science SMC;
* any other edit and correction identified by the Commission; and
* any publisher-submitted errata (printing errors) and administrative updates that were submitted to the CDE.

SMC Co-Chair Broemmelsiek seconded the motion. There was no discussion or public comment. A roll-call vote was taken. The motion was not approved by a vote of the members present (0–15–1). Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting. The program was not recommended.

1. Public Hearing on the Draft Health Education Framework (Time Certain 10 a.m.)

Prior to the public hearing, Health SMC Chair Woo gave a report on the Health SMC meeting that took place on Wednesday, September 19. At this meeting, the SMC reviewed and discussed the public comments received on the draft *Health Education Framework* during the first 60-day public review and comment period. At the conclusion of the meeting, the SMC recommended 184 public comments be included in the draft framework and unanimously voted to recommend this list of agreed upon edits to the full Instructional Quality Commission. The Commissioners then accepted public comment.

**Public Hearing**: Each speaker had two minutes to speak. The following individuals provided public comment during the public hearing: Note: some names may be misspelled due to illegible writing.

1. Alexandra Carter, American Civil Liberties Union, Northern California
2. Greg Burt, California Family Council
3. Matthew McReynolds, Pacific Justice Institute
4. Commission Recommendation to the SBE the Draft *Health Education Framework* (Action)

Health SMC Chair Woo presented the Commission the complete list of the 184 recommended edits the Health SMC approved for the full Commission’s consideration. CDE staff Lindsay Weiss walked the Commission through the Health SMC’s list of recommended edits. Commission Chair Reese reminded the commissioners that the full Commission would be taking action to (1) request edits to be made to the current draft *Health Education Framework* and (2) recommend the draft framework, with those edits, to the SBE for adoption. The edits the Commission approved will be completed by the writers and CDE staff and will be included in the chapters that will be posted online for the second 60-day review period from November 2018 to January 2019. This revised version of the framework will be recommended to the SBE for adoption during their meeting in May 2019. Prior to the Commission taking action, Commission Chair Reese led the discussion, chapter by chapter, on the recommended edits from the Health SMC.

**ACTION**: SMC Chair Woo moved to (1) request the recommended edits discussed be made to the current draft *Health Education Framework* and (2) recommend the draft *Health Education Framework*, with those edits, to the SBE for adoption. Commissioner Lara seconded the motion. There was no additional discussion. There was one public comment by Daly Jordan Cook, California Teachers Association. A roll-call vote was taken. The motion was approved by a unanimous vote of the members present (15–0). Commissioner Renteria was absent for the vote, and Senator Portantino and Assemblywoman Quirk-Silva were absent from the meeting.

1. Individual Commissioner Reports
2. Other Matters/ Public Comment: None

Chair Reese adjourned the meeting at approximately 11:55 a.m.

California Department of Education, November 2018