**This advisory recommendation has not been approved by the Instructional Quality Commission or the State Board of Education.**

# REVIEW PANEL ADVISORY RECOMMENDATION2018 SCIENCE ADOPTION OF INSTRUCTIONAL MATERIALS

| **Publisher** | **Program** | **Grade Level(s)** |
| --- | --- | --- |
| Amplify Education, Inc. | Amplify Science: California integrated Course Model | K–8i |

## Program Summary:

Amplify Science: California integrated Course Model includes: Amplify Science California: Integrated Course Model includes: Digital Teacher’s Guide, Digital Student Library.

## Recommendation:

Amplify Science: California integrated Course Model is recommended for adoption for K–8i because the instructional materials include content as specified in the Next Generation Science Standards for California Public Schools (CA NGSS) and meet all the criteria in Category 1 with strengths in categories 2–5.

## Criteria Category 1: Alignment with the CA NGSS Three-Dimensional Learning

The program includes content as specified in the CA NGSS and includes a well-defined sequence of instructional opportunities that provides a path for all students to become proficient in all grade-level performance expectations.

**Citations:**

* Criterion #1: The program instructional resources align to the CA NGSS at each grade level.

Grade Kindergarten, Needs of Plants and Animals, Standards and Goals [https://web.learning.amplify.com/#/unit/835d6a0c-de05-4670-a826cb81269d13c4\_5a8dcca8a8d1b1bd3600f603#standards-and-goals](https://web.learning.amplify.com/#standards-and-goals)

Grade 1, Animal and Plant Defenses, Standards and Goals <https://s3.amazonaws.com/amplify-pdfer-prod/8a31e0f9506c8fa2015269c55ff37873_californiaintegrated/20989/standards-at-a-glance.pdf>

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Grade 2, Plant and Animal Relationships, Standards and Goals <https://s3.amazonaws.com/amplify-pdfer-prod/8a31e0dd4f40e85c014f4892a112225f_californiaintegrated/22870/standards-at-a-glance.pdf>

Grade 3, Balancing Forces, Standards and Goals <https://s3.amazonaws.com/amplify-pdfer-prod/8a80818e4c988f53014d2694c2e9396a_californiaintegrated/50708/standards-at-a-glance.pdf>

Grade 4, Energy Conversions, Standards and Goals <https://s3.amazonaws.com/amplify-pdfer-prod/8a31e0f9506c8fa2015269bf9dc2782f_californiaintegrated/28990/standards-at-a-glance.pdf>

Grade 5, Patterns of Earth and Sky, Standards and Goals <https://s3.amazonaws.com/amplify-pdfer-prod/8a31e0dd4f40e85c014f489f79d2233b_californiaintegrated/25322/standards-at-a-glance.pdf>

Grade 6, Microbiome, Standards and Goals <https://s3.amazonaws.com/amplify-pdfer-prod/8a80818e476a01ed0148a3fd771a5118_californiaintegrated/40009/standards-at-a-glance.pdf>

Grade 7, Geology on Mars, Standards and Goals <https://s3.amazonaws.com/amplify-pdfer-prod/8a80818e4c988f53014d9222817c046b_californiaintegrated/40131/standards-at-a-glance.pdf>

Grade 8, Harnessing Human Energy, Standards and Goals <https://s3.amazonaws.com/amplify-pdfer-prod/8a31e0f9506c8fa20151aba2eb020cef_californiaintegrated/26638/standards-at-a-glance.pdf>

* Criterion #3: The program instructional resources reflect Science and Engineering Practices in multiple contexts and the Cross Cutting Concepts.

Grade 3, Balancing Forces, Chapter 5, Lesson 1, Activity 3, Instructional Guide [https://web.learning.amplify.com/#/unit/8a80818e4c988f53014d2694c2e9396a\_californiaintegrated/chapter/ff8080816102f7dc0161200d1be8501e\_californiaintegrated/lesson/8a80818e4c988f53014d2694c35f3d12\_californiaintegrated/cardstack/8a80818e4e066ab2014e227e54843c05\_californiaintegrated?cardkey=8a80818e4e066ab2014e228306dc3c23\_californiaintegrated&tgActive=guide](https://web.learning.amplify.com/%23/unit/8a80818e4c988f53014d2694c2e9396a_californiaintegrated/chapter/ff8080816102f7dc0161200d1be8501e_californiaintegrated/lesson/8a80818e4c988f53014d2694c35f3d12_californiaintegrated/cardstack/8a80818e4e066ab2014e227e54843c05_californiaintegrated?cardkey=8a80818e4e066ab2014e228306dc3c23_californiaintegrated&tgActive=guide)

Grade 7, Population and Resources, Chapter 1, Lesson 4, Activity 1, Instructional Guide [https://web.learning.amplify.com/#/unit/8a31e0f9506c8fa201525f8b19276421\_californiaintegrated/chapter/ff80808156991d150158400513f3564b\_californiaintegrated/lesson/ff80808156991d1501584a8e30765fd0\_californiaintegrated/cardstack/ff80808156991d1501584aa74f766068\_californiaintegrated?cardkey=ff80808156991d1501584aa89ccb607e\_californiaintegrated&tgActive=guide](https://web.learning.amplify.com/%23/unit/8a31e0f9506c8fa201525f8b19276421_californiaintegrated/chapter/ff80808156991d150158400513f3564b_californiaintegrated/lesson/ff80808156991d1501584a8e30765fd0_californiaintegrated/cardstack/ff80808156991d1501584aa74f766068_californiaintegrated?cardkey=ff80808156991d1501584aa89ccb607e_californiaintegrated&tgActive=guide)

* Criterion #5: The program teacher resources support instructional opportunities and assessments that engage students in three-dimensional learning.

Grade 1, Light and Sound, Unit Guide, Embedded Formative Assessments [https://s3.amazonaws.com/amplify-pdfer-prod/8a31e0f9506c8fa2015279b19c077f0e\_californiaintegrated/21461/on-the-fly-assessments.pdf](https://s3.amazonaws.com/amplify-pdfer-prod/8a31e0f9506c8fa2015279b19c077f0e_californiaintegrated/21461/on-the-fly-assessments.pdf%20)

Grade 5, Patterns of Earth and Sky, Chapter 3, Lesson 5, Activity 1, Instructional Guide [https://web.learning.amplify.com/#/unit/8a31e0dd4f40e85c014f489f79d2233b\_californiaintegrated/chapter/ff808081586e7a150158d12be90b379d\_californiaintegrated/lesson/ff808081586e7a150158d16af4ae3987\_californiaintegrated/cardstack/ff80808159d73272015a4eaea7405344\_californiaintegrated?cardkey=ff80808159d73272015a4eb04ac75356\_californiaintegrated&tgActive=guide](https://web.learning.amplify.com/%23/unit/8a31e0dd4f40e85c014f489f79d2233b_californiaintegrated/chapter/ff808081586e7a150158d12be90b379d_californiaintegrated/lesson/ff808081586e7a150158d16af4ae3987_californiaintegrated/cardstack/ff80808159d73272015a4eaea7405344_californiaintegrated?cardkey=ff80808159d73272015a4eb04ac75356_californiaintegrated&tgActive=guide)

Grade 8, Natural Selection, Chapter 2, Lesson 4, Activity 2, Instructional Guide [https://web.learning.amplify.com/#/unit/8a31e0f9506c8fa201525f8c6e5c644d\_californiaintegrated/chapter/ff8080815651e77401565715262a0612\_californiaintegrated/lesson/ff808081566b7c1801566c3c47fe07db\_californiaintegrated/cardstack/ff808081566b7c18015670038cc70d46\_californiaintegrated?cardkey=ff808081566b7c1801567006a9c30d95\_californiaintegrated&lfActive=true](https://web.learning.amplify.com/%23/unit/8a31e0f9506c8fa201525f8c6e5c644d_californiaintegrated/chapter/ff8080815651e77401565715262a0612_californiaintegrated/lesson/ff808081566b7c1801566c3c47fe07db_californiaintegrated/cardstack/ff808081566b7c18015670038cc70d46_californiaintegrated?cardkey=ff808081566b7c1801567006a9c30d95_californiaintegrated&lfActive=true)

* Criterion #10: The program science curriculum is enriched with opportunities for students to access informational texts, literature, simulations and other media related to science and engineering and it presents diverse examples of notable scientists and engineers.

Grade Kindergarten, Needs of Plants and Animals, Chapter 1, Lesson 1, Activities 1-4, Book: What Does a Scientist Look Like?

Grade 6, Earth’s Changing Climate, Chapter 1, Lesson 2, Instructional Guide [https://web.learning.amplify.com/#/unit/8a80818e4a782c80014ad02cfd366f5c\_californiaintegrated/chapter/8a80818e4a782c80014ad02e20b66f70\_californiaintegrated/lesson/8a80818e4a782c80014ae49353743151\_californiaintegrated/cardstack/8a80818e4a782c80014ae4ee8b53359c\_californiaintegrated?cardkey=8a80818e4a782c80014ae5150d5b37e2\_californiaintegrated](https://web.learning.amplify.com/%23/unit/8a80818e4a782c80014ad02cfd366f5c_californiaintegrated/chapter/8a80818e4a782c80014ad02e20b66f70_californiaintegrated/lesson/8a80818e4a782c80014ae49353743151_californiaintegrated/cardstack/8a80818e4a782c80014ae4ee8b53359c_californiaintegrated?cardkey=8a80818e4a782c80014ae5150d5b37e2_californiaintegrated)

* Criterion #14: The program teacher resources provide guidance to support all students at all grade levels to develop their science-related language and reading abilities.

Program Guide, Program Supports and Strategies <https://www.amplify.com/science/california/review/content/program-supports-and-strategies/integrated-model/>

Grade 2, Plant and Animal Relationships, Chapter 2, Lesson 2, Lesson Brief, Differentiation https://web.learning.amplify.com/#/unit/8a31e0dd4f40e85c014f4892a112225f\_californiaintegrated/chapter/ff8080815904817c01598a886750631e\_californiaintegrated/lesson/ff8080815a81104f015b120fe46a30b2\_californiaintegrated

Grade 4, Waves, Energy, and Information, Ch. 1, Lesson 1.3, Activity 1, Instructional Guide, Differentiation [https://web.learning.amplify.com/#/unit/8a31e0f9506c8fa2015269c008387845\_californiaintegrated/chapter/8a31e0f953241239015367aad6ef51cc\_californiaintegrated/lesson/8a31e0f95324123901539f8b73da04da\_californiaintegrated](https://web.learning.amplify.com/%23/unit/8a31e0f9506c8fa2015269c008387845_californiaintegrated/chapter/8a31e0f953241239015367aad6ef51cc_californiaintegrated/lesson/8a31e0f95324123901539f8b73da04da_californiaintegrated)

## Criteria Category 2: Program Organization

The organization and features of the instructional materials support instruction and learning of the CA NGSS.

**Citations:**

* Criterion #2: The program has evidence in all grades where the materials support teacher questioning strategies as a tool to assess student’s knowledge and skills, promote student-to-student discourse, and guide student learning.

Grade K, Pushes and Pulls, Ch. 6, lesson 3, Unit Assessment [https://web.learning.amplify.com/#/unit/09f581e7-2748-42fa-9dc9-367348e2b69b\_5a8dcca8a8d1b1bd3600f603/chapter/8b292285-b14e-478b-97ef-95ceceeeb5e6\_5a8dcca8a8d1b1bd3600f603/lesson/e5414c65-f8a8-4702-ae39-b78a92139923\_5a8dcca8a8d1b1bd3600f603](https://web.learning.amplify.com/%23/unit/09f581e7-2748-42fa-9dc9-367348e2b69b_5a8dcca8a8d1b1bd3600f603/chapter/8b292285-b14e-478b-97ef-95ceceeeb5e6_5a8dcca8a8d1b1bd3600f603/lesson/e5414c65-f8a8-4702-ae39-b78a92139923_5a8dcca8a8d1b1bd3600f603)

Grade 4, Energy Conversions, Ch. 3, lesson 1, Shared listening routine [https://web.learning.amplify.com/#/unit/78a8ec2f-59bc-400f-ac92-20f54df2bcea\_5a8dcca8a8d1b1bd3600f607/chapter/13883be6-2fc6-4413-b1ed-c2a311c9ca10\_5a8dcca8a8d1b1bd3600f607/lesson/178323d0-b10e-4347-8f74-91d6776958c8\_5a8dcca8a8d1b1bd3600f607](https://web.learning.amplify.com/%23/unit/78a8ec2f-59bc-400f-ac92-20f54df2bcea_5a8dcca8a8d1b1bd3600f607/chapter/13883be6-2fc6-4413-b1ed-c2a311c9ca10_5a8dcca8a8d1b1bd3600f607/lesson/178323d0-b10e-4347-8f74-91d6776958c8_5a8dcca8a8d1b1bd3600f607)

Grade 6, Traits and Reproduction, Ch. 4, lesson 2, Seminar [https://web.learning.amplify.com/#/unit/78466d79-2d51-41aa-889a-3ed0c8e62aab\_5a8dcca8a8d1b1bd3600f609/chapter/6c5ecb63-c463-4565-bfa8-c27ad4f65d2e\_5a8dcca8a8d1b1bd3600f609/lesson/1520e8c3-78ce-4f21-aff5-f84d9426bdc8\_5a8dcca8a8d1b1bd3600f609](https://web.learning.amplify.com/%23/unit/78466d79-2d51-41aa-889a-3ed0c8e62aab_5a8dcca8a8d1b1bd3600f609/chapter/6c5ecb63-c463-4565-bfa8-c27ad4f65d2e_5a8dcca8a8d1b1bd3600f609/lesson/1520e8c3-78ce-4f21-aff5-f84d9426bdc8_5a8dcca8a8d1b1bd3600f609)

* Criterion #3: The program has evidence in all grades where instructional resources explicitly state the knowledge and skills learned in prior grades or units are applied and extended to accommodate new knowledge and skills.

Grade 1, Spinning Earth, Unit Guide, Standards and Goals [https://web.learning.amplify.com/#/unit/59ca8afe-7169-4f8f-84af-7a3db1a65f8e\_5a8dcca8a8d1b1bd3600f604](https://web.learning.amplify.com/%23/unit/59ca8afe-7169-4f8f-84af-7a3db1a65f8e_5a8dcca8a8d1b1bd3600f604)

Grade 7, Geology on Mars, Unit Guide, Science Background [https://web.learning.amplify.com/#/unit/ae850f5b-fd2b-402c-8555-7c5dcdd44537\_5a8dcca8a8d1b1bd3600f60a](https://web.learning.amplify.com/%23/unit/ae850f5b-fd2b-402c-8555-7c5dcdd44537_5a8dcca8a8d1b1bd3600f60a)

* Criterion #7: Anchor Phenomena is listed for each grade level and each unit. The materials include explanations to teachers regarding how the SEP’s, DCI’s, and CCC’s work together to support students in making sense of phenomena and/or to design solutions to problems and build toward the Performance Expectations (PE’s) of the CA NGSS.

Program Guide, Grade 2 <https://www.amplify.com/science/california/review/content/unit-phenomena-and-performance-expectations/grade-2/integrated-model/>

Grade 3, Inheritance and Traits, Unit Overview, Standards at a Glance https://web.learning.amplify.com/#/unit/0db38b6c-b80f-43ad-82ee-ab810e306c63\_5a8dcca8a8d1b1bd3600f606

Grade 8, Unit Overview, Forces and Motion, Unit Overview, Standards and Goals
[https://web.learning.amplify.com/#/unit/687cd1d8-7c03-4fbc-95c3-590df7a6a558\_5a8dcca8a8d1b1bd3600f60b](https://web.learning.amplify.com/%23/unit/687cd1d8-7c03-4fbc-95c3-590df7a6a558_5a8dcca8a8d1b1bd3600f60b)

## Criteria Category 3: Assessment

The program includes multiple models of both formative and summative assessment tasks for measuring what students know and are able to do and provides guidance for teachers on how to use scoring rubrics and interpret assessment results to guide instruction.

**Citations:**

* Criterion #2: Instructional resources engage students in using text, discourse, and experiential learning to develop mastery of the three integrated dimensions of the CA NGSS: the Science and Engineering Practices (SEPs), Crosscutting Concepts (CCCs), and DCIs.

Grade 2, Changing Landforms: Ch. 1, Lesson 1.1, Activity 2, Instructional Guide and http://on.amplify.com/CA18I-2ES-CH1-L1-A2-ig, and Lesson Brief, <https://assets-prdd.learning.amplify.com/damAssets/48f1a67d-801e-40bc-abec-50bb91b941c6/f92089df-f2ca-48f8-90f5-b7f8303798a0/CL_AssessmentGuideInterpretingStudentsPreUnitExplanationsAbouttheArch.pdf> and Unit Guide, [https://web.learning.amplify.com/#/unit/8a31e0dd4f40e85c014f489dfc3f22f9\_californiaintegrated#assessment-system](https://web.learning.amplify.com/%23/unit/8a31e0dd4f40e85c014f489dfc3f22f9_californiaintegrated%23assessment-system)

Grade 4, Energy Conversions Ch. 1, Lesson 1.3, Activity 3, On-the-fly Assessment [https://web.learning.amplify.com/#/unit/8a31e0f9506c8fa2015269bf9dc2782f\_californiaintegrated/chapter/8a31e0f9506c8fa2015279e8906a7fa2\_californiaintegrated/lesson/8a31e0f9506c8fa201527a814d6e03e6\_californiaintegrated/cardstack/8a31e0f9506c8fa201527abfe07a0601\_californiaintegrated?cardkey=8a31e0f9506c8fa201527ad14cb40692\_californiaintegrated&lfActive=true](https://web.learning.amplify.com/%23/unit/8a31e0f9506c8fa2015269bf9dc2782f_californiaintegrated/chapter/8a31e0f9506c8fa2015279e8906a7fa2_californiaintegrated/lesson/8a31e0f9506c8fa201527a814d6e03e6_californiaintegrated/cardstack/8a31e0f9506c8fa201527abfe07a0601_californiaintegrated?cardkey=8a31e0f9506c8fa201527ad14cb40692_californiaintegrated&lfActive=true)

Criterion #4: Brief formative assessment tools provide teachers with strategies of how to address preconceptions during instruction. These strategies are differentiated for different age levels.

Grade K, Pushes and Pulls, Ch. 4, Lesson 4.3, Activity 2, Critical Juncture Assessment [https://web.learning.amplify.com/#/unit/8a31e0f9506c8fa2015269b9ae1977f4\_californiaintegrated/chapter/ff80808154ce31c9015516db556d62f9\_californiaintegrated/lesson/ff80808154ce31c9015517694fdf66c3\_californiaintegrated/cardstack/ff80808154ce31c90155180da7d367f5\_californiaintegrated?cardkey=ff80808154ce31c901551812c3ff6825\_californiaintegrated&lfActive=true](https://web.learning.amplify.com/%23/unit/8a31e0f9506c8fa2015269b9ae1977f4_californiaintegrated/chapter/ff80808154ce31c9015516db556d62f9_californiaintegrated/lesson/ff80808154ce31c9015517694fdf66c3_californiaintegrated/cardstack/ff80808154ce31c90155180da7d367f5_californiaintegrated?cardkey=ff80808154ce31c901551812c3ff6825_californiaintegrated&lfActive=true)

Grade 5, Patterns of Earth and Sky: Unit Guide [https://web.learning.amplify.com/#/unit/8a31e0dd4f40e85c014f489f79d2233b\_californiaintegrated#assessment-system](https://web.learning.amplify.com/%23/unit/8a31e0dd4f40e85c014f489f79d2233b_californiaintegrated%23assessment-system%20)

* Criterion #5: Assessments yield information teachers can use in planning and modifying instruction to help all students meet or exceed the standards.

Grade 5, Patterns of Earth and Sky: Ch. 1, Lesson 1.7, Activity 3, Critical Juncture Assessment [https://web.learning.amplify.com/#/unit/8a31e0dd4f40e85c014f489f79d2233b\_californiaintegrated/chapter/ff808081586e7a150158d124f8853767\_californiaintegrated/lesson/ff808081586e7a150158d1473acd3824\_californiaintegrated/cardstack/ff8080815904817c0159cd4f801b07ec\_californiaintegrated?cardkey=ff8080815904817c0159cd50373f0802\_californiaintegrated&lfActive=true](https://web.learning.amplify.com/%23/unit/8a31e0dd4f40e85c014f489f79d2233b_californiaintegrated/chapter/ff808081586e7a150158d124f8853767_californiaintegrated/lesson/ff808081586e7a150158d1473acd3824_californiaintegrated/cardstack/ff8080815904817c0159cd4f801b07ec_californiaintegrated?cardkey=ff8080815904817c0159cd50373f0802_californiaintegrated&lfActive=true)

Grade 8, Natural Selection, Ch. 1, Lesson 1.3, Activity 4, On-the-Fly Assessment [https://web.learning.amplify.com/#/unit/8a31e0f9506c8fa201525f8c6e5c644d\_californiaintegrated/chapter/ff808081563442ce0156474082713a89\_californiaintegrated/lesson/ff808081563442ce015647c29ef83d4d\_californiaintegrated/cardstack/ff808081563442ce01564819d69f3f20\_californiaintegrated?cardkey=ff808081563442ce0156481df5ae3f4e\_californiaintegrated&lfActive=true](https://web.learning.amplify.com/%23/unit/8a31e0f9506c8fa201525f8c6e5c644d_californiaintegrated/chapter/ff808081563442ce0156474082713a89_californiaintegrated/lesson/ff808081563442ce015647c29ef83d4d_californiaintegrated/cardstack/ff808081563442ce01564819d69f3f20_californiaintegrated?cardkey=ff808081563442ce0156481df5ae3f4e_californiaintegrated&lfActive=true)

* Criterion #8: Students’ progress toward meeting the CA NGSS is assessed through both writing and performance tasks consistent with the grade-level writing and mathematics requirements in the CA CCSS for ELA/Literacy and the CA CCSSM.

Grade 3, Weather and Climate: Ch. 4, Lesson 4.4, Activity 1, Instructional Guide [https://web.learning.amplify.com/#/unit/8a31e0f9506c8fa2015269ce3b1378cd\_californiaintegrated/chapter/ff8080815a81104f015b029144a11ea4\_californiaintegrated/lesson/ff8080815a81104f015b5e15991a15cd\_californiaintegrated/cardstack/ff8080815a81104f015b5e15993115db\_californiaintegrated?cardkey=ff8080815c5f6386015c6a199b5c1fb5\_californiaintegrated&tgActive=guide](https://web.learning.amplify.com/%23/unit/8a31e0f9506c8fa2015269ce3b1378cd_californiaintegrated/chapter/ff8080815a81104f015b029144a11ea4_californiaintegrated/lesson/ff8080815a81104f015b5e15991a15cd_californiaintegrated/cardstack/ff8080815a81104f015b5e15993115db_californiaintegrated?cardkey=ff8080815c5f6386015c6a199b5c1fb5_californiaintegrated&tgActive=guide)

Grade 6, Earth’s Changing Climate: Ch. 4, Lesson 4.3, Activity 2, Instructional Guide [https://web.learning.amplify.com/#/unit/8a80818e4a782c80014ad02cfd366f5c\_californiaintegrated/chapter/8a80818e4a782c80014b14b0d5b62482\_californiaintegrated/lesson/8a80818e4a782c80014b1805a1882e88\_californiaintegrated/cardstack/8a80818e4a782c80014b181572712f41\_californiaintegrated?cardkey=8a80818e4a782c80014b18238d182fae\_californiaintegrated&tgActive=guide](https://web.learning.amplify.com/%23/unit/8a80818e4a782c80014ad02cfd366f5c_californiaintegrated/chapter/8a80818e4a782c80014b14b0d5b62482_californiaintegrated/lesson/8a80818e4a782c80014b1805a1882e88_californiaintegrated/cardstack/8a80818e4a782c80014b181572712f41_californiaintegrated?cardkey=8a80818e4a782c80014b18238d182fae_californiaintegrated&tgActive=guide)

* Criterion #10: Assessment tools include multiple measures, including, but not limited to, engineering design and lab practical tasks; performance-based tasks; open-ended, short answer and essay responses; lab reports; research projects; computational simulations; and oral presentations.

Grade 1, Light and Sound, Ch. 3, Lesson 3.4, Activity 2, Instructional Guide [https://web.learning.amplify.com/#/unit/8a31e0f9506c8fa2015279b19c077f0e\_californiaintegrated/chapter/8a31e0f95324123901539f7b4e7e0443\_californiaintegrated/lesson/8a31e0f9532412390153ec9f048c6c6f\_californiaintegrated/cardstack/8a31e0f9532412390153ecb7ed57711b\_californiaintegrated?cardkey=8a31e0f9532412390153ecbfef827178\_californiaintegrated&tgActive=guide](https://web.learning.amplify.com/%23/unit/8a31e0f9506c8fa2015279b19c077f0e_californiaintegrated/chapter/8a31e0f95324123901539f7b4e7e0443_californiaintegrated/lesson/8a31e0f9532412390153ec9f048c6c6f_californiaintegrated/cardstack/8a31e0f9532412390153ecb7ed57711b_californiaintegrated?cardkey=8a31e0f9532412390153ecbfef827178_californiaintegrated&tgActive=guide)

Grade 7, Matter and Energy in Ecosystems: Ch. 4, Lesson 4.4, Activity 3, Instructional Guide [https://web.learning.amplify.com/#/unit/8a31e0f9506c8fa201523180a29f2665\_californiaintegrated/chapter/8a31e0f9506c8fa20152c30918aa4c22\_californiaintegrated/lesson/8a31e0f9532412390153809a99a26319\_californiaintegrated/cardstack/8a31e0f953fbbe1101543f41af567b47\_californiaintegrated?cardkey=8a31e0f953fbbe1101543f41af607b48\_californiaintegrated&tgActive=guide](https://web.learning.amplify.com/%23/unit/8a31e0f9506c8fa201523180a29f2665_californiaintegrated/chapter/8a31e0f9506c8fa20152c30918aa4c22_californiaintegrated/lesson/8a31e0f9532412390153809a99a26319_californiaintegrated/cardstack/8a31e0f953fbbe1101543f41af567b47_californiaintegrated?cardkey=8a31e0f953fbbe1101543f41af607b48_californiaintegrated&tgActive=guide)

## Criteria Category 4: Access and Equity

Program materials ensure universal and equitable access to high-quality curriculum and instruction for all students and provide teachers with suggestions for differentiation for students with special needs.

**Citations:**

* Criterion #3: The integrated program allows teachers to address needs of English learners by providing different reading strategies.
* Grade 1, Ch. 1, Lesson 1.1, Lesson Brief [https://web.learning.amplify.com/#/unit/8a31e0f9506c8fa2015269c55ff37873\_californiaintegrated/chapter/ff8080815a81104f015ab9338ad7321e\_californiaintegrated/lesson/ff8080815a81104f015ab937c1493230\_californiaintegrated](https://web.learning.amplify.com/%23/unit/8a31e0f9506c8fa2015269c55ff37873_californiaintegrated/chapter/ff8080815a81104f015ab9338ad7321e_californiaintegrated/lesson/ff8080815a81104f015ab937c1493230_californiaintegrated)
* Grade 8, Ch. 1, Lesson 1.1, Lesson Brief [https://web.learning.amplify.com/#/unit/8a31e0f9506c8fa2015269c55ff37873\_californiaintegrated/chapter/ff8080815a81104f015ab9338ad7321e\_californiaintegrated/lesson/ff8080815a81104f015ab937c1493230\_californiaintegrated](https://web.learning.amplify.com/%23/unit/8a31e0f9506c8fa2015269c55ff37873_californiaintegrated/chapter/ff8080815a81104f015ab9338ad7321e_californiaintegrated/lesson/ff8080815a81104f015ab937c1493230_californiaintegrated%20)
* Criterion #4: The integrated program allows teachers to address needs of English learners by providing different reading strategies. The unit overviews and lesson briefs show teachers how to address academic vocabulary and literacy skills for English learners. The program provides differentiation for English learners, learners who need deeper supports, and those that need more challenge.
* Grade 3, Ch. 1.1, Lesson Brief, [https://web.learning.amplify.com/#/unit/8a31e0f9506c8fa2015269ce3b1378cd\_californiaintegrated/chapter/ff8080815a81104f015b028de9451e15\_californiaintegrated/lesson/ff8080815a81104f015b35ce692e58fd\_californiaintegrated](https://web.learning.amplify.com/%23/unit/8a31e0f9506c8fa2015269ce3b1378cd_californiaintegrated/chapter/ff8080815a81104f015b028de9451e15_californiaintegrated/lesson/ff8080815a81104f015b35ce692e58fd_californiaintegrated)
* Grade 6, Unit Overview, Getting Ready to Teach, Ocean, Atmosphere and Climate, [https://web.learning.amplify.com/#/unit/2d1244fc-3801-47ac-b93e-a2c42a97a851\_5a8dcca8a8d1b1bd3600f609/chapter/b3f37745-f18d-422a-859e-392a0efe3aa9\_5a8dcca8a8d1b1bd3600f609#getting-ready-to-teach](https://web.learning.amplify.com/%23/unit/2d1244fc-3801-47ac-b93e-a2c42a97a851_5a8dcca8a8d1b1bd3600f609/chapter/b3f37745-f18d-422a-859e-392a0efe3aa9_5a8dcca8a8d1b1bd3600f609%23getting-ready-to-teach)
* Grade 7, Geology on Mars, Lesson 1.3, Lesson Overview [https://web.learning.amplify.com/#/unit/ae850f5b-fd2b-402c-8555-7c5dcdd44537\_5a8dcca8a8d1b1bd3600f60a/chapter/099ff8f8-ea88-412c-8cf2-6bce5294351f\_5a8dcca8a8d1b1bd3600f60a/lesson/f2dd97a2-bd7f-40f6-9460-ecb16be82760\_5a8dcca8a8d1b1bd3600f60a?cardkey=1c72f0dc-0d1f-42b0-908c-4db59c11fcc4\_5a8dcca8a8d1b1bd3600f60a](https://web.learning.amplify.com/%23/unit/ae850f5b-fd2b-402c-8555-7c5dcdd44537_5a8dcca8a8d1b1bd3600f60a/chapter/099ff8f8-ea88-412c-8cf2-6bce5294351f_5a8dcca8a8d1b1bd3600f60a/lesson/f2dd97a2-bd7f-40f6-9460-ecb16be82760_5a8dcca8a8d1b1bd3600f60a?cardkey=1c72f0dc-0d1f-42b0-908c-4db59c11fcc4_5a8dcca8a8d1b1bd3600f60a)

## Criteria Category 5: Instructional Planning and Support

The instructional materials provide coherent guidelines for teachers to follow when planning three-dimensional instruction and are designed to help teachers provide effective standards-based instruction.

**Citations:**

* Criterion #3: Grade 2 and 6 are exemplars of how the teacher resources provide guidance in daily lessons and units of instructions through the Lesson Briefs. Appropriate opportunities for checking for understanding and adjusting lessons, if necessary, to ensure three dimensional learning are found in the On-The-Fly assessments.

3rd grade, Inheritance and Traits, Chap.4 lesson 2, Lesson Brief [https://web.learning.amplify.com/#/unit/0db38b6c-b80f-43ad82eeab810e306c63\_5a8dcca8a8d1b1bd3600f606/chapter/1f106da7d8154e5f8d4201d5bea6888c\_5a8dcca8a8d1b1bd3600f606/lesson/a3a7fd4029015ee9568515613f32e89\_5a8dcca8a8d1b1bd3600f606](https://web.learning.amplify.com/%23/unit/0db38b6c-b80f-43ad82eeab810e306c63_5a8dcca8a8d1b1bd3600f606/chapter/1f106da7d8154e5f8d4201d5bea6888c_5a8dcca8a8d1b1bd3600f606/lesson/a3a7fd4029015ee9568515613f32e89_5a8dcca8a8d1b1bd3600f606)

and On-The-Fly assessments for Inheritance and Traits, Chap.2 Lesson 5 [https://web.learning.amplify.com/#/unit/0db38b6c-b80f-43ad-82ee-ab810e306c63\_5a8dcca8a8d1b1bd3600f606/chapter/78a04c9b-21ea42188338ec17eae4b596\_5a8dcca8a8d1b1bd3600f606/lesson/c3a59afb7d1b4429bf8f3c214ddb8db7\_5a8dcca8a8d1b1bd3600f606/cardstack/d3592c1259494731889a830b9ed4e9e2\_5a8dcca8a8d1b1bd3600f606?cardkey=bc339608-d7c9-42a5-b6d6-af65fbdd3438\_5a8dcca8a8d1b1bd3600f606](https://web.learning.amplify.com/%23/unit/0db38b6c-b80f-43ad-82ee-ab810e306c63_5a8dcca8a8d1b1bd3600f606/chapter/78a04c9b-21ea42188338ec17eae4b596_5a8dcca8a8d1b1bd3600f606/lesson/c3a59afb7d1b4429bf8f3c214ddb8db7_5a8dcca8a8d1b1bd3600f606/cardstack/d3592c1259494731889a830b9ed4e9e2_5a8dcca8a8d1b1bd3600f606?cardkey=bc339608-d7c9-42a5-b6d6-af65fbdd3438_5a8dcca8a8d1b1bd3600f606)

6th grade, Ocean Atmosphere and Climate, Chap.2, Lesson 1, Lesson Brief [https://web.learning.amplify.com/#/unit/2d1244fc-3801-47acb93ea2c42a97a851\_5a8dcca8a8d1b1bd3600f609/chapter/b3f37745f18d422a859e392a0efe3aa9\_5a8dcca8a8d1b1bd3600f609/lesson/51f43485298a461991f30785308e3f40\_5a8dcca8a8d1b1bd3600f609?cardkey=9ed9b46c29c84c9da1013de70f3cd343\_5a8dcca8a8d1b1bd3600f609](https://web.learning.amplify.com/%23/unit/2d1244fc-3801-47acb93ea2c42a97a851_5a8dcca8a8d1b1bd3600f609/chapter/b3f37745f18d422a859e392a0efe3aa9_5a8dcca8a8d1b1bd3600f609/lesson/51f43485298a461991f30785308e3f40_5a8dcca8a8d1b1bd3600f609?cardkey=9ed9b46c29c84c9da1013de70f3cd343_5a8dcca8a8d1b1bd3600f609)

and On-The-Fly assessments for Ocean Atmosphere and Climate, Chap.2, Lesson 1.2 [https://web.learning.amplify.com/#/unit/2d1244fc-3801-47ac-b93e-a2c42a97a851\_5a8dcca8a8d1b1bd3600f609/chapter/b3f37745-f18d-422a859e392a0efe3aa9\_5a8dcca8a8d1b1bd3600f609/lesson/51f4485298a461991f30785308e3f40\_5a8dcca8a8d1b1bd3600f609/cardstack/93d4b42883ec43859dbeba583adbaf7c\_5a8dcca8a8d1b1bd3600f609?cardkey=9ed9b46c-29c8-4c9d-a101-3de70f3cd343\_5a8dcca8a8d1b1bd3600f609](https://web.learning.amplify.com/%23/unit/2d1244fc-3801-47ac-b93e-a2c42a97a851_5a8dcca8a8d1b1bd3600f609/chapter/b3f37745-f18d-422a859e392a0efe3aa9_5a8dcca8a8d1b1bd3600f609/lesson/51f4485298a461991f30785308e3f40_5a8dcca8a8d1b1bd3600f609/cardstack/93d4b42883ec43859dbeba583adbaf7c_5a8dcca8a8d1b1bd3600f609?cardkey=9ed9b46c-29c8-4c9d-a101-3de70f3cd343_5a8dcca8a8d1b1bd3600f609)

* Category #6: Grade 1 and 7 are exemplars of how suggested student tasks, including classroom activities, end of chapter tasks, suggested out of school activities, and assessment tasks are supported with guidance for the teacher on how to implement and, where appropriate, grade the task. Possible responses, assessment keys, and rubrics are provided.

Grade 1, Spinning Earth, Ch. 4, Lesson 4.2, Activity 4 [https://web.learning.amplify.com/#/unit/59ca8afe-7169-4f8f-84af-7a3db1a65f8e\_5a8dcca8a8d1b1bd3600f604/chapter/92f44537-4a0c-4947-8d4e-2704255d1384\_5a8dcca8a8d1b1bd3600f604/lesson/3b0dd5c0-2901-424e-8464-b9530d6884b5\_5a8dcca8a8d1b1bd3600f604/cardstack/7e641cdb-9b6f-4713-b3a6-a576a588be9c\_5a8dcca8a8d1b1bd3600f604?cardkey=1900843b-3fe9-4fce-8b10-1315abf1108b\_5a8dcca8a8d1b1bd3600f604](https://web.learning.amplify.com/%23/unit/59ca8afe-7169-4f8f-84af-7a3db1a65f8e_5a8dcca8a8d1b1bd3600f604/chapter/92f44537-4a0c-4947-8d4e-2704255d1384_5a8dcca8a8d1b1bd3600f604/lesson/3b0dd5c0-2901-424e-8464-b9530d6884b5_5a8dcca8a8d1b1bd3600f604/cardstack/7e641cdb-9b6f-4713-b3a6-a576a588be9c_5a8dcca8a8d1b1bd3600f604?cardkey=1900843b-3fe9-4fce-8b10-1315abf1108b_5a8dcca8a8d1b1bd3600f604)

Grade 7, Matter and Energy in Ecosystems, Ch. 3, Lesson 3.4, Activity 3 [https://web.learning.amplify.com/#/unit/7436ca5b-a855-48af-b235-1c68abff83d3\_5a8dcca8a8d1b1bd3600f60a/chapter/bb01d4e3-b434-4011-ad45-285a7fd18b5d\_5a8dcca8a8d1b1bd3600f60a/lesson/f1309c36-b4d0-4e80-8b1b-89b3a2639d3b\_5a8dcca8a8d1b1bd3600f60a/cardstack/7ac09e1e-bbd7-457b-be80-39628ea66eb6\_5a8dcca8a8d1b1bd3600f60a?cardkey=b65f2212-cba1-4bf9-9902-9f2e1b073049\_5a8dcca8a8d1b1bd3600f60a](https://web.learning.amplify.com/%23/unit/7436ca5b-a855-48af-b235-1c68abff83d3_5a8dcca8a8d1b1bd3600f60a/chapter/bb01d4e3-b434-4011-ad45-285a7fd18b5d_5a8dcca8a8d1b1bd3600f60a/lesson/f1309c36-b4d0-4e80-8b1b-89b3a2639d3b_5a8dcca8a8d1b1bd3600f60a/cardstack/7ac09e1e-bbd7-457b-be80-39628ea66eb6_5a8dcca8a8d1b1bd3600f60a?cardkey=b65f2212-cba1-4bf9-9902-9f2e1b073049_5a8dcca8a8d1b1bd3600f60a)

* Criterion #11: Grades 1 and 8 provide examples of instructional strategies aligned to the CA NGSS and CA Science Framework and based on current and confirmed research. These resources are clearly connected to and support the goals of the CA CCSSM and CCSS for ELA/Literacy.

Grade 1, Plant and Animal Defenses, Chapter 1, Lesson1.2, steps 4-8, Instructional Guide
[https://web.learning.amplify.com/#/unit/789a4bac-147f-4f35-88f3-b535faccde96\_5a8dcca8a8d1b1bd3600f604/chapter/12af2fae-410d-4e7393941bc82fbdd433\_5a8dcca8a8d1b1bd3600f604/lesson/df1353a04627413595a72d621845b807\_5a8dcca8a8d1b1bd3600f604/cardstack/68798197d6eb4c3ab4e6a500026b6f30\_5a8dcca8a8d1b1bd3600f604?cardkey=26966b71ae5d4416952d95f920cc70ed\_5a8dcca8a8d1b1bd3600f604](https://web.learning.amplify.com/%23/unit/789a4bac-147f-4f35-88f3-b535faccde96_5a8dcca8a8d1b1bd3600f604/chapter/12af2fae-410d-4e7393941bc82fbdd433_5a8dcca8a8d1b1bd3600f604/lesson/df1353a04627413595a72d621845b807_5a8dcca8a8d1b1bd3600f604/cardstack/68798197d6eb4c3ab4e6a500026b6f30_5a8dcca8a8d1b1bd3600f604?cardkey=26966b71ae5d4416952d95f920cc70ed_5a8dcca8a8d1b1bd3600f604)

Grade 8, Natural Selection, Chap.3, Lesson 3, activity 2, Teacher Support
[https://web.learning.amplify.com/#/unit/af0ed2b5-931a-4fbf-9536-529782ed52ca\_5a8dcca8a8d1b1bd3600f60b/chapter/119acdc2-9f6441d7baee433413939905\_5a8dcca8a8d1b1bd3600f60b/lesson/79f5cc7b4db34759a2f1a68f81060b56\_5a8dcca8a8d1b1bd3600f60b/cardstack/e57899e1-47d3-49a6-a581-](https://web.learning.amplify.com/%23/unit/af0ed2b5-931a-4fbf-9536-529782ed52ca_5a8dcca8a8d1b1bd3600f60b/chapter/119acdc2-9f6441d7baee433413939905_5a8dcca8a8d1b1bd3600f60b/lesson/79f5cc7b4db34759a2f1a68f81060b56_5a8dcca8a8d1b1bd3600f60b/cardstack/e57899e1-47d3-49a6-a581-)

Grade 1, Plant and Animal Defenses, Unit Overview, Standards at a Glance [https://web.learning.amplify.com/#/unit/789a4bac-147f-4f35-88f3-b535faccde96\_5a8dcca8a8d1b1bd3600f604#standards-at-a-glance](https://web.learning.amplify.com/%23/unit/789a4bac-147f-4f35-88f3-b535faccde96_5a8dcca8a8d1b1bd3600f604%23standards-at-a-glance)

Grade 8, Natural Selection, Unit Overview, Standards at a Glance [https://web.learning.amplify.com/#/unit/af0ed2b5-931a-4fbf-9536-529782ed52ca\_5a8dcca8a8d1b1bd3600f60b#standards-at-a-glance](https://web.learning.amplify.com/%23/unit/af0ed2b5-931a-4fbf-9536-529782ed52ca_5a8dcca8a8d1b1bd3600f60b%23standards-at-a-glance)

* Criterion #15: Grade K and 6 are exemplars of how teacher resources have provided background information about important events, diverse people, places, ideas, and scientific principles appearing in, but not limited to the CA NGSS and CA Science Framework.

Grade K, Needs of Plants and Animals, Ch. 1, Lesson 1.1, Activity 1 [https://web.learning.amplify.com/#/unit/835d6a0c-de05-4670-a826-cb81269d13c4\_5a8dcca8a8d1b1bd3600f603/chapter/050854cf-b833-44d0-8abe-333953d2b60f\_5a8dcca8a8d1b1bd3600f603/lesson/6e9dd335-a681-4276-8919- 9ab9b4ce6c8c\_5a8dcca8a8d1b1bd3600f603/cardstack/f3244031-ab67-4a1b-a662-0567765cf771\_5a8dcca8a8d1b1bd3600f603?cardkey=5b26a531-712c-4a89-a4bf-d3cc1683740c\_5a8dcca8a8d1b1bd3600f603](https://web.learning.amplify.com/%23/unit/835d6a0c-de05-4670-a826-cb81269d13c4_5a8dcca8a8d1b1bd3600f603/chapter/050854cf-b833-44d0-8abe-333953d2b60f_5a8dcca8a8d1b1bd3600f603/lesson/6e9dd335-a681-4276-8919-%209ab9b4ce6c8c_5a8dcca8a8d1b1bd3600f603/cardstack/f3244031-ab67-4a1b-a662-0567765cf771_5a8dcca8a8d1b1bd3600f603?cardkey=5b26a531-712c-4a89-a4bf-d3cc1683740c_5a8dcca8a8d1b1bd3600f603)

Grade 6, Metabolism Internship, Ch. 1, Activity: Introducing Futura, video [https://web.learning.amplify.com/#/unit/c19b3e72-7a1a-4ddd-acc6-798770f11c38\_5a8dcca8a8d1b1bd3600f609/chapter/1d513216-46fd-4719-b572-58ba4f8d7fde\_5a8dcca8a8d1b1bd3600f609/lesson/976214c1-ee72-4e0d-b551-ffe7f0295cbd\_5a8dcca8a8d1b1bd3600f609/cardstack/1b6666a7-2ae5-47dd-89b2-754b6b3c39d0\_5a8dcca8a8d1b1bd3600f609?cardkey=075b4ea2-2e49-4f88-8ad4-2a66a838081b\_5a8dcca8a8d1b1bd3600f609](https://web.learning.amplify.com/%23/unit/c19b3e72-7a1a-4ddd-acc6-798770f11c38_5a8dcca8a8d1b1bd3600f609/chapter/1d513216-46fd-4719-b572-58ba4f8d7fde_5a8dcca8a8d1b1bd3600f609/lesson/976214c1-ee72-4e0d-b551-ffe7f0295cbd_5a8dcca8a8d1b1bd3600f609/cardstack/1b6666a7-2ae5-47dd-89b2-754b6b3c39d0_5a8dcca8a8d1b1bd3600f609?cardkey=075b4ea2-2e49-4f88-8ad4-2a66a838081b_5a8dcca8a8d1b1bd3600f609)

## Edits and Corrections:

The following edits and corrections must be made as a condition of adoption:

| # | Grade Level | Component | Page Number(s) | Current Text | Proposed Corrected Text | Reason for Edit |
| --- | --- | --- | --- | --- | --- | --- |
| 1 |  | All Teacher Resource Guides | There are no page numbers in the Teacher Reference on the Chapter Activities Table of Contents (ex. P207 in the Kindergarten book) | n/a | Provide page numbers | Clarity |
| 2 | K | Pushes and Pulls: Ch. 3, Lesson 2 | Activity 2 | Leila/Lalai used interchangeably | Be consistent | Grammatical errors or misspellings |
| 3 | K | Pushes and Pulls: Ch. 3, Lesson 3 | 3. Predicting Forces | Pairs with a tennis ball and a target in order in order | Pairs interact with a tennis ball and a target in order | Grammatical errors or misspellings |
| 4 | K | Pushes and Pulls:Ch. 5, Lesson 5.1, Activity 2 | Instructional Guide step 8 | We will try to make plan a solution that uses everything we have learned so far. | We will try to plan a solution that uses everything we have learned so far. | Grammatical errors or misspellings |
| 5 | K | Needs of Plants and Animals, Ch. 1, Lesson 1.3, Activity 3, Instructional Guide, steps 5–7 | Instructional Guide, steps 5–7 | You are going to turn and share with a partner. You will say what living things observed on our walk. | You are going to turn and share with a partner. You will share what living things you observed on our walk. | Grammatical errors or misspellings |
| 6 | K | Performance Expectations Demonstrations Opportunities | Table | K-PS3-2. Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area.\* | K-PS3-2. Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area.\* | Misquoted content standard |
| 7 | 1 | Animal and Plant Defenses Ch. 2, Lesson 8 | p. 353 | Spikes and spines are used interchangeably | Be consistent | Simple factual error |
| 8 | 1 | Animal and Plant DefensesCh. 3, Lesson 1 | p. 397 | Offspring are the same type of animal or plant as their offspring. | Offspring are the same type of animal or plant as their parents. | Grammatical errors or misspellings |
| 9 | 1 | Spinning Earth, Ch. 4, Lesson 2 | Activity 2 | Science assumes | Scientists assume | Grammatical errors or misspellings |
| 10 | 2 | Changing Landforms, Ch. 3, Lesson 4 | Activity 1 Item Map Cards | Broken digital link | n/a | Repair link |
| 11 | 2 | Properties of Materials Ch. 3, Lesson 2 | Instructional Guide step 6 | What are the properties we want our glue mixtures will have? | What are the properties we want our glue mixtures to have? | Grammatical errors or misspellings |
| 12 | 3 | Inheritance and Traits, Ch. 3, Lesson 5 | Activity 2, Step 6 | First quoteyou are will | you areOryou will | Grammatical errors or misspellings |
| 13 | 4 | Energy Conversions Ch. 2, Lesson 1 | Activity 3, Step 3 | First bullet Students to turn | Students turn | Grammatical errors or misspellings |
| 14 | 5 | Modeling Matter Ch. 2, Lesson 5, Act. 2 | Possible responses | Investigation NotebookMaking Sense of Mixing in the Simulation (pages 55–57, optional) | Investigation NotebookEvaluating a Dissolving Model (pages 56–57, optional) | Mislabeled picture or object |
| 15 | 6 | Earth’s Changing Climate Engineering Internship | n/a | “Futura Recipe Test” link goes to “Tsunami Alert” page | Fix link | Broken link |
| 16 | 6 | Metabolism Engineering Internship Ch. 1, Lesson 1 | Lesson Brief Digital Resources | Broken Link | Fix link | Broken link |
| 17 | 6 | Metabolism Engineering Internship Ch. 1, Lesson 5 | Lesson Brief Digital Resources | Broken Link | Fix link | Broken link |
| 18 | 6 | Microbiome unit page | Landing page | Back to Grade 1 | Back to Grade 6 | Mislabeled |
| 19 | 6 | Microbiome Ch. 3, Lesson 1 | Step 6 | Projectable slide Nanometer to micrometer conversion incorrect | Nanometer= 10-9 meters= 0.001 micrometers | Simple factual error |
| 20 | 6 | Traits and Reproduction, Ch. 2, Lesson 4 | Activity 4 | Multiple spellings of Kakui nut | Be consistent | Grammatical errors or misspellings |
| 21 | 6 | Weather Patterns | VideoModeling Wind and Air Parcels | Person says “gonna” | Change captioning to “going to” on the words that scroll across the screen | Grammatical errors or misspellings |
| 22 | 8 | Force and Motion unit Ch. 2, Lesson 3 | Act 3 | Students model their ideas about how a more and less massive pod's motion would affected by the same strength force. | Students model their ideas about how a more and less massive pod's motion would be affected by the same strength of force. | Grammatical errors or misspellings |

## Social Content Citations:

The panel identified the following social content violations:

| # | SC Code | Grade Level | Component | Page Number(s) | Current Text | Proposed Corrected Text | Reason for Citation |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | L1 | K | Big book/little book What does a scientist look like? | 7 | Picture brand name of kayak: Old Town Loon 26 | Blur wording | Brand names and corporate logos |
| 2 | L1 | K | Big Book/ little book What does a scientist look like? | 8 | Picture contains brand name of microscope Leica | Blur wording or remove | Brand names and corporate logos |
| 3 | L1 | K | Big book/ little bookWhat does a scientist look like? | 15 | Image contains brand name of bow Prostyle | Blur wording or remove | Brand names and corporate logos |
| 4 | L1 | K | Big book/little bookWhat does a scientist look like? | 19, 33 | Scientist wearing shirt with Under Armor Logo on front | Remove logo from Image | Brand names and corporate logos |
| 5 | L1 | 1 | Big book/shared reading bookWhat Vibrates? | 8, 10 | Drums contain name “Evans” on them in the picture | Blur wording or remove | Brand names and corporate logos |
| 6 | L1 | 1 | Big book/little book | 30 | Keytar in picture says, “Ax Synth” | Blur wording or remove | Brand names and corporate logos |
| 7 | L1 | Grade 4 | Waves, Energy and InformationChapter 1 lesson 2 | Instructional guide Step 1, Activity 3 and then again in Act 4INB p. 7 | Hold up a rope and a Slinky.(used throughout lesson 2) | Change slink to spring toy | Brand names and corporate logos |
| 8 | L1 | 4 | Seeing Sound | Reader p.15 | Picture of doctor at desk looking at computer with Philips written on it | Blur or remove Philips | Brand Names and corporate logos |
| 9 | L1 | 6 | Traits and Reproduction> | Chapter 2>lesson 2 line #6 | Remind students that, in this model, the K’NEX pieces represent the building blocks of proteins | Remind students that, in this model, the linking block pieces represent the building blocks of proteins | Brand Names and corporate logos |

California Department of Education, August 2018