

# DIXIE SCHOOL DISTRICT

Educational Services

Regular Meeting

June 25, 2019

TO: Jason Yamashiro, Superintendent  
SUBJECT: Approval of Science Curriculum, 2019

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The Miller Creek Science department has reviewed state-approved Science materials for grades 6-8 and recommends STEMscopes California NGSS 3D curriculum for adoption.

The process to identify a new science curriculum began in September 2018 when the department shifted to the California preferred integrated model of delivering the Next Generation Science Standards (NGSS). This shift was significant in that the delivery model of science curriculum moved from discipline specific (earth, life, physical) to integrated courses by disciplinary core ideas (molecules, heredity). The adoption of NGSS aligned curriculum is imperative to support this shift.

The integrated model was implemented September through March using the Stanford SCALE curriculum, a free open source curriculum. In February, the team previewed state adopted materials and, while using carefully constructed selection criteria, decided to pilot two additional curriculums: Houghton Mifflin Harcourt (HMH) and STEMscopes. Considerations for the pilot included: a three dimensional approach (science and engineering practices, disciplinary core ideas, and crosscutting concepts), use of project based laboratories, resources that support instructional differentiation, varied assessment, use of technology that supports essential learning, and evidence of the Environmental Principles and Concepts.

Teams piloted and reviewed the three curriculums (HMH, STEMscopes, SCALE) across all three grade levels. The pilot revealed a clear choice: STEMscopes California NGSS 3D.

The STEMscopes curriculum is aligned with the NGSS California preferred integrated model and is engaging, phenomenon based, and well organized. The curriculum provides for project based, hands-on laboratories. The academic rigor of the content is high, provides opportunity for differentiation, and has a balance of digital and nondigital resources. The teacher resources are abundant and students reported high engagement.

The funds needed for adoption: 122,776.86

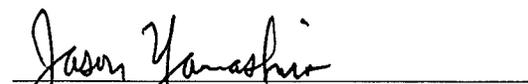
The Middle School Science Adoption Committee respectfully requests that the recommendation for adoption of STEMscopes California NGSS 3D be approved.

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Prepared by:

  
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Kristy Treewater, M.A.

Approved for Submission  
To the Governing Board:

  
\_\_\_\_\_  
Jason Yamashiro, ED.D.



Accelerate Learning Inc.

## STEMscopes Quote

Quote/Invoice Number 00035151

Account Name DIXIE SCHOOL DISTRICT  
 Shipping Address 380 Nova Albion Way  
 San Rafael, California 94903-3599  
 United States

Contact Name Derek Lecy  
 Email dlecy@dixieschooldistrict.org  
 Phone (415) 492-3760

**MAIL PO & CHECKS TO:**

Division Accelerate Learning Inc.  
 Company Address PO BOX 732464  
 Dallas, 75373-2464  
 Fax (281) 833-4510  
 Phone (800) 531-0864

Created Date 6/20/2019

Start Date 6/1/2019

Prepared By Brooks Dougherty

- Description Quote includes:
- Online access for all students and teachers, grades 6-8, for 8 years
  - One STEMscopedia per student
  - Consumable Student Journals for all students for 3 years
  - One Teacher Planning Companion per teacher
  - Materials Kits for each teacher
  - Access to STEMscopes Streaming BBC video library
  - Four in person training sessions

When PO is ready, please email to [bdougherty@acceleratelearning.com](mailto:bdougherty@acceleratelearning.com)

The quantity below represents the total number of students for each grade level.

Product	ISBN	Grade	Quantity	Years	Sales Price	Total Price
CA NGSS 3D Grade 6 Online	978-1-64304-491-0	Grade 6	235.00	8 Years	\$43.60	\$10,246.00
CA NGSS 3D Grade 6 STEMscopedia Print	978-1-64168-879-6	Grade 6	235.00	1 Year	\$12.95	\$3,043.25
CA NGSS 3D Grade 6 Student Journal	978-1-64168-549-8	Grade 6	235.00	3 Years	\$38.85	\$9,129.75
CA NGSS 3D Grade 6 Teacher Planning Companion TPC	978-1-94705-688-6	Grade 6	2.00	1 Year	\$25.95	\$51.90
CA NGSS 3D Grade 6 Hands On Kit	978-1-64168-558-0	Grade 6	2.00	1 Year	\$1,190.00	\$2,380.00
CA NGSS 3D Grade 6 Consumables Kit	978-1-64168-570-2	Grade 6	6.00	1 Year	\$205.00	\$1,230.00
CA NGSS 3D Grade 6 Basic Equipment Kit	978-1-64168-582-5	Grade 6	2.00	1 Year	\$1,550.00	\$3,100.00
CA NGSS 3D Grade 7 Online	978-1-64304-492-7	Grade 7	235.00	8 Years	\$43.60	\$10,246.00
CA NGSS 3D Grade 7 STEMscopedia Print	978-1-64168-880-2	Grade 7	235.00	1 Year	\$12.95	\$3,043.25



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## STEMscopes Quote

CA NGSS 3D Grade 7 Student Journal	978-1-64168-550-4	Grade 7	235.00	3 Years	\$38.85	\$9,129.75
CA NGSS 3D Grade 7 Teacher Planning Companion TPC	978-1-94705-689-3	Grade 7	3.00	1 Year	\$25.95	\$77.85
CA NGSS 3D Grade 7 Hands On Kit	978-1-64168-559-7	Grade 7	3.00	1 Year	\$1,990.00	\$5,970.00
CA NGSS 3D Grade 7 Consumables Kit	978-1-64168-571-9	Grade 7	6.00	1 Year	\$760.00	\$4,560.00
CA NGSS 3D Grade 7 Basic Equipment Kit	978-1-64168-583-2	Grade 7	3.00	1 Year	\$2,200.00	\$6,600.00
CA NGSS 3D Grade 8 Online	978-1-64304-493-4	Grade 8	220.00	8 Years	\$43.60	\$9,592.00
CA NGSS 3D Grade 8 STEMscopedia Print	978-1-64168-881-9	Grade 8	220.00	1 Year	\$12.95	\$2,849.00
CA NGSS 3D Grade 8 Student Journal	978-1-64168-551-1	Grade 8	220.00	3 Years	\$38.85	\$8,547.00
CA NGSS 3D Grade 8 Teacher Planning Companion TPC	978-1-94705-690-9	Grade 8	3.00	1 Year	\$25.95	\$77.85
CA NGSS 3D Grade 8 Hands On Kit	978-1-64168-560-3	Grade 8	3.00	1 Year	\$1,500.00	\$4,500.00
CA NGSS 3D Grade 8 Consumables Kit	978-1-64168-572-6	Grade 8	6.00	1 Year	\$125.00	\$750.00
CA NGSS 3D Grade 8 Basic Equipment Kit	978-1-64168-584-9	Grade 8	3.00	1 Year	\$750.00	\$2,250.00
BBC STEMscopes Streaming Student K-12 Online	978-1-64306-077-4		690.00	8 Years	\$15.60	\$10,764.00
PD Face to Face: STEMscopes NGSS Implementation Training (up to 3 hours)	978-1-64305-775-0		2.00	1 Year	\$1,600.00	\$3,200.00

Subtotal	\$111,337.60
Shipping	\$5,383.17
Tax	\$6,056.09
Order Total w Tax	\$122,776.86



Accelerate Learning Inc.

## STEMscopes Quote

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