

# CSD Curriculum Update

October 20, 2022



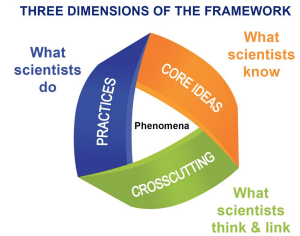
## CSD Current Core Curriculum Overview

2



Reading and Language Arts	Mathematics	Science	History/Social Studies
<p><b>TK-5:</b> <a href="#">Benchmark Advance</a> (2019-20) *Renew in 2024-25</p> <p>Supplemental: <a href="#">Imagine Learning Language &amp; Literacy</a></p>	<p><b>TK-5:</b> <a href="#">Eureka Math</a> (2017-18) *Renew annual consumables</p> <p>Supplemental: <a href="#">Imagine Math</a></p>	<p><b>TK-5:</b> <a href="#">Delta FOSS</a> (2007)</p> <p>Supplemental: <a href="#">Mystery Science</a>; Benchmark Advance; <a href="#">Aspicio GLAD Units</a></p>	<p><b>K-5:</b> Houghton Mifflin (2006)</p> <p>Supplemental: Benchmark Advance</p>
<p><b>6-8:</b> <a href="#">Houghton Mifflin Collections</a> (2019-20) *Renew in 2027-28</p> <p>Supplemental: <a href="#">HM Read 180</a></p>	<p><b>6-8:</b> <a href="#">College Preparatory Mathematics (CPM)</a> (2017-18) *Renew in 2025-26</p> <p><a href="#">Accelerated - Integrated I</a></p>	<p><b>6-7:</b> <a href="#">Holt Science</a> (2008)</p> <p><b>8:</b> Holt, Reinhard &amp; Winston Science Fiction Anthology</p> <p>Supplemental: <a href="#">Gizmo</a></p>	<p><b>6-8:</b> Houghton Mifflin (2006)</p> <p>Supplemental: <a href="#">Teacher's Curriculum Institute (TCI)</a></p>

# Next Generation Science Standards

## Curriculum Needs Assessment & Next Steps



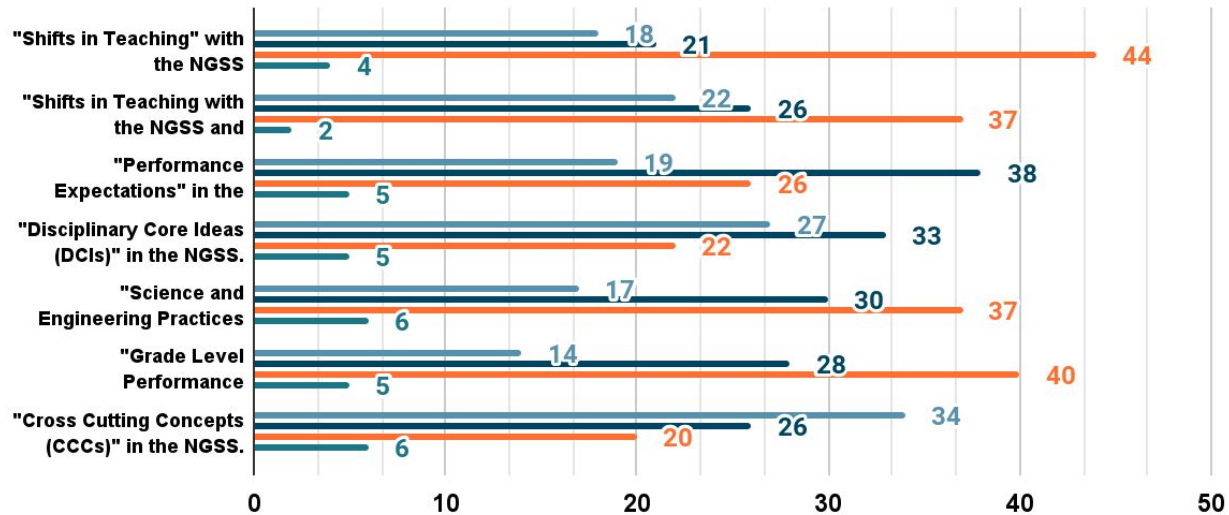
## Next Generation Science Standards Timeline

School Year	2014-15	2015-16	2016-17	2017-18	2018-2019	2019-2022
<b>State Assessments</b>	CST 5 & 8		NGSS Test Pilot for selected schools in CA	NGSS Field Test	NGSS Test	
<b>Instructional Materials/ Textbooks</b>	No new instructional material until 2018-19 K-5: FOSS CA 2007 6-8: Materials from 2007 Adoption		K-5: FOSS NGSS Pilot Steindorf: Amplify NGSS Pilot Price: Materials from 2007 Adoption			The adoption process for materials for K-8 NGSS Instructional Materials/Textbooks Available for K-8*
<b>CA NGSS Framework Development</b>	CA NGSS Framework in development	Oct/Nov 2015 - 1st Public Review	Jun/Jul 2016 - 2nd Public Review  Published Jan 2017	 The Framework in full implementation		
<b>Professional Development</b>	Awareness	GLAD/NGSS integration	On-going PD through pilot materials	District Lead Team with Region 5 Collaborative  Ongoing PD through supplemental materials		Ongoing PD
<b>Student Readiness</b>	Students in grades 1, 4 and 7 will be assessed on NGSS when they are in grades 5, 8 and 11	Students in grades 2, 5 and 8 will be assessed on NGSS when they are in grades 5, 8, and 11	Students in grades 3 and 6 will be assessed on NGSS when they are in grades 5 and 8	Students in grades 5 and 8 will be assessed on NGSS Field Test	 Students in grades 5 and 8 will be assessed on NGSS	
<b>CSD Instructional Resources</b>	Integrated Units via GLAD and Aspicio Supplemental Curriculum				Supplemental Curriculum: FOSS NGSS (Some sites & Grades); Mystery Science (K-5); Gizmo (Price 6-8) Amplify (Steindorf, 6-8)	

## What NGSS Needs Assessment Survey Tells Us



- I am not yet aware of this.
- I am aware of this but do not yet incorporate this into my
- I am aware of this and do incorporate this into my instructional planning.
- I incorporate this into my instructional planning and could teach others about this.



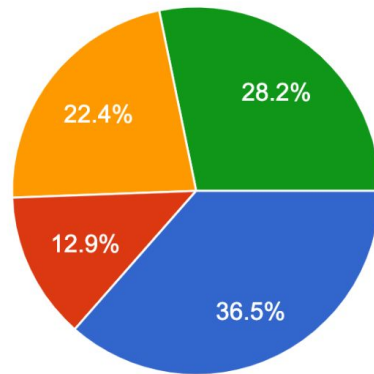
## Current use of Science Curriculum & Teaching Practice



6

Which choice below best describes your current Science curriculum and teaching practice?

85 responses



- Science kits (stand alone)
- Science textbooks (hard copies or online)
- Science instructional materials with identified phenomena within the NGSS.
- Science instructional materials with clear scope and sequence, connections between grade levels, engaging phenomena, and clearly articulated connections to ELA, and, embedded a...

## Supplemental instructional curriculum and/or materials currently being used to supplement our district-adopted curriculum



7

### TK-5

- » **Adopted Curriculum:** FOSS
- » **Curriculum teachers currently use to supplement:** Mystery Science, FOSS NGSS, Aspicio with GLAD, Teachers Pay Teachers, BrainPOP; SciShow Kids; Benchmark Units, Code.org, PORTS Program Virtual Field Trips, CA Academy of Sciences, TEDEd, Code.org, MakerSpace

### 6-8

- » **Adopted Curriculum:** Holt Science
- » **Curriculum teachers currently use to supplement:** Self-developed, Kessler Science, Gizmo, Phet simulation, Inspire Science , Amplify, Generation Genius, Teachers Pay Teachers

## CSD - Instructional Materials Selection Process

8

- » Formation of teacher and administrator committee
- » Establish and align the instructional goals to the district's vision
- » Review of current program in the appropriate content area
- » Review of available material options
- » Pilot of materials
- » Provide opportunities for evaluation of materials by students and teachers
- » Provide opportunities for community review and evaluation of materials
- » Synthesis and analysis of evaluations
- » Recommendation to the Board of Education and Board approval
- » Purchase of materials
- » Professional development & implementation



[CSD Board Policy 6140 - Adoption](#)

[CSD Board Policy 6160 - Instructional Materials Selection Process](#)



## NGSS Instructional Materials Selection Process

9

- » NGSS Curriculum Adoption Committee
  - » Pilot Teachers by Grade Level Span
  - » RSP & SDC Teachers
  - » Administrators - Elementary, Middle School, District
  - » Community Members
- » Established Timeline for Committee meetings
  - » Established Criteria for Science Teaching and Learning
  - » Determine Possible NGSS Programs to Consider (Top 3)
  - » Teachers Pilot Each Program & Review
  - » Opportunity for Student Input
  - » Opportunity for Community Input
- » Board Update & Input Throughout
- » Final Proposal for Board Approval
- » Implementation Timeline: Begins in the 2023-2024 School Year



## NGSS Instructional Materials Selection Timeline

10

Nov 2022	Jan 2023	Feb 2023	Apr 2023	May 2023	Jul/Aug 2023	2023-2024
Selection Committee Created	Selection Committee	Pilot of 2 Curriculum Options	Opportunities for Public Review & Input	Recommendation to Board of Trustees	Purchase Materials and Resources & Professional Development & Implementation Plan ( <i>Dependent on funding priorities</i> )	Implement Year 1  PD for Materials & Instructional Practices  Parent Information Events
First Meeting Establish Process & Next Steps	Reviews Curriculum Options	Communication to community	Material Displays & Surveys	Communication to Community		



[2018 Science Publishers & Programs](#)

