
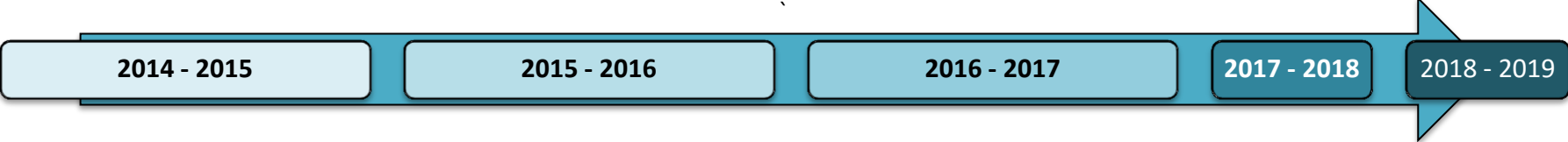


Next Generation Science Standards Implementation Plan

						
		2014 - 2015	2015 - 2016	2016 - 2017	2017 - 2018	2018 - 2019
		Step 1: Initial Exposure to NGSS	Stage 2: Deepening Understanding of NGSS	Stage 3 Planning Instruction around NGSS	Stage 4: Full Instructional alignment NGSS	
State	Learnings	Teachers are beginning to learn and become familiar with the Conceptual Shifts (Innovations), the three dimensions of learning, and the performance expectations of the NGSS	Teachers engage in on-going research and the building of personal understanding of the Conceptual Shifts (Innovations), the three dimensions of learning, and the performance expectations of the NGSS	Teachers begin planning lessons and units aligned to the three dimensions and performance expectations of the NGSS, returning to the previous stage as needed to ensure coherence with the Conceptual Shifts (Innovations) of the NGSS	Teachers design and plan instruction aligned to NGSS curriculum and assessment	
	Outcomes	<ul style="list-style-type: none"> • Describe the Conceptual Shifts of NGSS, the principles of the framework of the NGSS and discuss implications for teaching and learning. • Identify the three dimensions of the NGSS • Explain the anatomy and architecture of a NGSS standard • Identify NGSS resources for further study and information 	<ul style="list-style-type: none"> • Express how teaching and learning look in the NGSS • For any standard, identify each of the dimensions connected to the performance expectation • Describe what a Science and Engineering Practice and Crosscutting Concept would look like in their classroom, providing examples of how they might engage students in these dimensions • For a performance expectation, identify a possible performance task that would assess student learning around the performance expectation • Review and provide feedback on the Draft CA Science framework 	<ul style="list-style-type: none"> • Review grade level or subject area performance expectations • Take a current lesson/unit and translate it to the NGSS • Using the BSCS 5E Instructional Model or similar model, plan a learning cycle that integrates the three dimensions of the NGSS • Identify and describe a performance task that could be used in the classroom to assess student performance and understanding around a performance expectation or multiple performance expectations 	<ul style="list-style-type: none"> • Implement formative and summative assessments aligned to NGSS • Create curriculum maps or implement district curriculum guides • Implement NGSS adopted curriculum that is aligned to AIM, EQuIP, or similar rubrics 	

* This is the most current information as May, 2015 based on state and LAUSD projections and reference from www.cde.ca.gov and ww.casience.org

** The grade levels are recommendations due to ESEA. Students must be assessed once in each of the following grade spans: 3-5, 6-8, 9-12.

*** Adopted from LAUSD Office of Curriculum, Instruction, and School Support (June, 2015)

		2014 - 2015	2015 - 2016	2016 - 2017	2017 - 2018	2018 - 2019
		Step 1: Initial Exposure to NGSS	Stage 2: Deepening Understanding of NGSS	Stage 3 Planning Instruction around NGSS	Stage 4: Full Instructional alignment NGSS	
LAUSD ***	CA Assessments	CST Grades 5, 8, 10	CST Grades 5, 8, 10	CST Grades 5, 8, 10? NGSS Test Pilot for select California Schools Grades 5, 8, 11**	NGSS Test (Field Test) Grades 5, 8, 11 **	NGSS Test Grades 5, 8, 11 **
	Student Readiness	Students in grades 1, 4, and 7 will be accessed on NGSS when they are in grades 5, 8, 11	Students in grades 2, 5, and 8 will be accessed on NGSS when they are in grades 5, 8, 11	Students in grades 3, 6, and 9 will be accessed on NGSS when they are in grades 5, 8, 11	Students in grades 5, 8, 11 will be assessed on NGSS Field Test	Students in grades 5, 8, and 11 will be assessed on NGSS
	Interim Assessments & Resources	Elementary: Integrated Unit in Grades 4 and 5 Secondary: CCSS aligned interim Assessment	Elementary: Integrated Unit in Grades 3, 4, and 5 Secondary: <ul style="list-style-type: none"> • CCSS Aligned Interim Assessment • NGSS Interim Assessment Option 	Elementary: Integrated Unit in Grades 3, 4, and 5 Secondary: <ul style="list-style-type: none"> • CCSS Aligned Interim Assessment • NGSS Interim Assessment Option 	K-12 Instructional Guide	
	NGSS Framework	California NGSS Framework in development	October/November 2015-First Public Review of California NGSS Framework	June/July 2016- Second Public Review of California NGSS Framework California NGSS Framework available January 2017	CA NGSS Framework in Full implementation	LAUSD Commits to course pathway models for Middle and High School grades.
Instructional Materials	No new instructional materials until 2018-2019 <ul style="list-style-type: none"> • K-5: FOSS CA 2007 6-12: Materials from 2007 textbook adoption					State Adoption

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