



As we continue to transition to the Next Generation Science Standards, we would like to share site-based professional development opportunities that C&I's Science Department will be offering for 2016-17. PDs are designed to fit into school-site common planning times, including early release days, while meeting the current needs of science educators. **Contact Dawn Rege (rege@sfusd.edu) or Katrina Rotter (rotter@sfusd.edu) to schedule site-based PD for your science department.**

High School Science Site-based Professional Development

Series Title	Description	Suggested Time
SFUSD Science Core Curriculum	<ul style="list-style-type: none"> ▪ Components of the SFUSD Science Core Curriculum ▪ Scope & Sequence Exploration <ul style="list-style-type: none"> ○ What's different? ○ ESS & Engineering integration 	3 sessions, 60 minutes each
SFUSD 5E Instructional Model & NGSS-aligned learning experiences	<ul style="list-style-type: none"> ▪ 5E Learning ▪ Planning using the 5E ▪ Shifting to student-centered, 3D learning 	3 sessions, 60 minutes each
Identifying and Utilizing Multidimensional assessment task	<ul style="list-style-type: none"> ▪ Assessing 3D assessment tasks ▪ Developing and implementing assessment tasks ▪ Sharing student experiences and work 	3 sessions, 60 minutes each
Literacy for Science (with Deb Farkas)	<ul style="list-style-type: none"> ▪ Introduction to the Scope and Sequence of Literacy for Science ▪ Learn a variety of literacy tools and strategies that can be seamlessly integrated into your science lessons 	1-3 two hour or 1-2 three hour sessions
Science Safety (with Judy Gerber)	<ul style="list-style-type: none"> ▪ Utilizing the four Science Safety Questions to plan science instruction 	2 sessions, 60 minutes each
From 2015-2016		
Unwrapping the Next Generation Science Standards	<ul style="list-style-type: none"> ▪ Introduction to NGSS (development, implementation timeline, 3 dimensions) ▪ Reading the standards & exploring your content standards 	2 sessions, 60-90 minutes each
Introduction to NGSS & the Science and Engineering Practices	<ul style="list-style-type: none"> ▪ Introduction to NGSS (development, implementation timeline, 3 dimensions) ▪ Focus: Science and Engineering Practices Dimension 	2 sessions, 60-90 minutes each
Introduction to NGSS and the Crosscutting Concepts	<ul style="list-style-type: none"> ▪ Introduction to NGSS (development, implementation timeline, 3 dimensions) ▪ Focus: Crosscutting Concepts Dimension 	2 sessions, 60-90 minutes each
NGSS Science and Engineering Practices – Going Deep	<ul style="list-style-type: none"> ▪ Introduction to the Next Generation Science Standards Dimension – Science and Engineering Practices ▪ Science & Engineering Practice Inquiry Cycle <ul style="list-style-type: none"> ○ Planning for curriculum modification & implementation ○ Looking at student work to inform instruction 	3 sessions, 60-90 minutes each * Please allow at least two weeks between sessions 2 and 3