UCLA NGSS-Aligned Lesson-Unit Planning Agenda
March 16

Presenters: Annie Maben, UCLA Science Education Consultant
Joanne Michael, Science Specialist, Meadows Elementary

RESOURCES TO BRING:
- Laptops and a large flash drive (2GB+), any books, instructional guides you need for planning
- Annie is bringing NGSS and Inquiry texts, journals, resource guides as well

SESSION OUTCOMES:
- Experience a guided inquiry lesson revised to align to NGSS PE's, Concepts and Practices.
- Deepen understandings around how to integrate NGSS DCI's, SEP and CCC into key lessons
- Deepen collaboration among MBUSD teachers
- **Elem**: Collaboratively re-organize labs by grade level; re-write or develop new labs that align to NGSS
- **MS:** Come to consensus on NGSS pathway for MS courses; explore possible texts; begin to align units per grade
- **HS:** Collaboratively create one NGSS-aligned, 5 E Inquiry Lesson w/ Assessment per course

AGENDA:

9:00am **Introduction to the day**: preview resources, upcoming trainings

9:10am **Exploring an NGSS-aligned Lesson: "Animal Bites"** (Joanne Michael)
PE: LS1-1. Use materials to design a solution to a human problem by mimicking how plants and/or **animals** use their external parts to help them survive, grow, and meet their needs.
DCI: LS1.A: Structure and Function: All organisms have external parts. Different animals use their body parts in different ways to see, hear, grasp objects, protect themselves, move from place to place, and seek, find, and take in food, water and air.
CCCs: Structure & Function; Patterns
SEPs: Constructing Explanations and Designing Solutions; Obtaining, Evaluating, and Communicating Information

9:50am **Collaborative Planning** *(take breaks as needed)*
Form working groups for the day: Elem; MS & HS

12:00pm **Lunch!**

1:00pm **Continue working on lessons** with collaborative group *(take break as needed)*

2:50pm **Reflection, Resources, Evaluation**
- Overview of **NEW** Workshop Resources in DropBox and on Flash drives, for sharing
- Evaluation

3:00pm Adjourn