







Institute - January 26, 2019

Start of day			
9:00 - 9:30 am	Welcome and workshop overview - <i>Lynn & Laura</i>		
9:30 - 10:30 am	Exothermic presentation - <i>Steve Farmer</i>		
10:30 - 10:45 am	Break		
10:45 - noon	<table border="1"> <tr> <td>Break-out 1: Going over existing experiments (OT)* - <i>Laura</i></td> <td>Break-out 2: Exploring UNIT 2 (NT)* - <i>Lynn & Kevin</i></td> </tr> </table>	Break-out 1: Going over existing experiments (OT)* - <i>Laura</i>	Break-out 2: Exploring UNIT 2 (NT)* - <i>Lynn & Kevin</i>
Break-out 1: Going over existing experiments (OT)* - <i>Laura</i>	Break-out 2: Exploring UNIT 2 (NT)* - <i>Lynn & Kevin</i>		
Noon - 1:00 pm	Lunch <i>CDE online research database - Theresa House</i>		
1:00 - 1:30 pm	Arduino demo and explanation - <i>Kevin</i>		
1:30 - 2:45 pm	<table border="1"> <tr> <td>Break-out 1: Feedback on new ideas (OT) - <i>Laura</i></td> <td>Break-out 2: More on UNIT 2 (NT) - <i>Lynn & Kevin</i></td> </tr> </table>	Break-out 1: Feedback on new ideas (OT) - <i>Laura</i>	Break-out 2: More on UNIT 2 (NT) - <i>Lynn & Kevin</i>
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2:45 - 3:00 pm	Break		
3:00 - 4:45 pm	Assessment brainstorming discussion - <i>All</i>		
4:45 - 5:00 pm	Wrap up - <i>Lynn & Laura</i>		
End of day			

What to Expect

- Exothermic presentation: scientific background on exothermic reaction
- Break-out 1 (OT): Getting ready to do experiments with students:
 - Exothermic (model)
 - MudWatt (review)
 - Absorption (review)
 - Evaporation (review)
- Break-out 2 (NT): Making sure teachers are comfortable with implementing Unit 2
 - Pass out equipment to take home
 - Turtle Logo review
 - Unit 2 introduction
- CDE online research database: helping students make connections between content and experiments
- Arduino demo and explanation: introduction to the use of Arduino that will replace the App board.
- Break-out 1 (OT): Getting feedback on some new ideas:
 - Genetics and Biology computer models using Logo
 - Explore experiments in development
- Break-out 2 (NT):
 - Unit 2 continued
- Revisiting and brainstorming assessment ideas for the curriculum

	Formal Presentations		Discussion
	Hands-on Activity		Brainstorming
	Breaks		Meals provided

*Original Teachers (OT)
New Teachers (NT)

The training will take place at:
 Roseland University Prep - Rm #2 near entrance
 931 Biwana Drive, Santa Rosa, CA 9407

Lunch:
 Taqueria Molcajetes

