



Learning by Making

# Institute - January 11, 2020

Start of day	
9:00 - 9:30 am	Welcome and workshop overview - Lynn & Laura
9:30 - 10:30 am	Connecting Unit 3 activities - Lynn & Laura
10:30 - 10:45 am	<b>Break</b>
10:45 - noon	Three dimensions of NGSS and Unit 3 - Laura
Noon - 1:00 pm	<b>Lunch</b>
1:00 - 2:45 pm	Lessons 3.5-3.7 practice - Lynn
2:45 - 3:00 pm	<b>Break</b>
3:00 - 4:15 pm	WBL activities at the SSU preserves and classroom activity connections - Brandon
4:15 - 4:45 pm	Building temperature leashes - All
4:45 - 5:00 pm	Wrap up - Lynn & Laura
End of day	

### What to Expect

- *Connecting Unit 3 activities to broader computer science, science & engineering learning goals: Temperature, Sensors, Coding, and Earth Science*
- *Three dimensions of NGSS and Unit 3 - Laura facilitates while teachers pair up per school with NGSS printouts and 3.1-3.4 to find connections to NGSS and then share out how to create supplemental activities to ensure that students are engaged with 3-D learning (content, practices, and cross-cutting concepts discussion).*
- *Lessons 3.5-3.7 practice with reference back to previous hours of the workshop*
- *WBL activities at the SSU preserves and classroom activity connections*
- *Building temperature leashes in the classroom*

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| <span style="display: inline-block; width: 20px; height: 10px; background-color: #ADD8E6; border: 1px solid black; margin-right: 5px;"></span> Formal Presentations | <span style="display: inline-block; width: 20px; height: 10px; background-color: #FFC0CB; border: 1px solid black; margin-right: 5px;"></span> Discussion     |
| <span style="display: inline-block; width: 20px; height: 10px; background-color: #9370DB; border: 1px solid black; margin-right: 5px;"></span> Hands-on Activity    | <span style="display: inline-block; width: 20px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></span> Brainstorming  |
| <span style="display: inline-block; width: 20px; height: 10px; background-color: #FFFF00; border: 1px solid black; margin-right: 5px;"></span> Breaks               | <span style="display: inline-block; width: 20px; height: 10px; background-color: #FFA500; border: 1px solid black; margin-right: 5px;"></span> Meals provided |

*\*Original Teachers (OT)  
New Teachers (NT)  
Currently Teaching (CT)*

**The training will take place at:  
Upper Lake Middle School  
725 Old Lucerne Rd, Upper Lake, CA 95485**

**Lunch:  
Deli Trays**