Science Facilitators

*Culture as foundational to understanding science is by determining and leveraging students’ backgrounds, experiences, and familiar cultural/social referents.*

**DATE:** September: 7th, 14th  
October: 9th, 16  
November 6, 13 2019  
**Time:** 4:00 PM-6:00 PM  
**Place:** PD room at LIRC

**OBJECTIVES:** Participants will:

- Explore and broaden an understanding of the cultural contexts that shape science
- Develop and implement an equity-orientation that facilitates access to science for all students i.e., constructivism, dialogue and real world investigation
- Identify strategies that leverage the skills and content of science to advance justice in schools
- Experience instructional strategies using multicultural literature in classrooms for the development of intercultural understanding, global perspectives, and critical literacy.
- Leverage the skills and content of science to advance justice in schools and communities.
- Review and develop exemplar multicultural science lessons and instructional practices for their classrooms, and that connect instruction with students’ experiences.
- Develop multicultural science units and lesson plans.

**TODAY’S AGENDA:**

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| 4:00 | Greeting and Agenda  
Culture/Introduction to Inquiry Cycle |
| 4:30 | Levels of Transformation  
- Content Integration  
- Knowledge Construction  
- Equity Pedagogy  
- Social Justice |
| 5:20 – 5.35 | Multicultural Literature and Culturally Responsive Strategies |
| 5:35 – 5.40 | Break |
| 5.40. – 6.25 | Book Browse/Lesson Plan/Unit Development (2 Months) |
| 6.25 – 6.30 | Questions/End |