NGSS Summer PD Grade 6-8 Agenda (Day2)

8:30-9:30…… Begin PowerPoint - NGSS Grades 6-8: Brief list of Day 1

- **HO 1:** The Three Dimensions of the Framework. Briefly review the information covered in Day 1
- **HO 2: Reflection Cards Activity**
  1. Provide reflection cards for each group.
     - ✓ *Ask participants to write their response to one question.*
     - ✓ *Each in turn reads their response and asks others for their ideas.*
     - ✓ *After all are finished the group lists 3 aha's or main concerns*
     - ✓ *Post these or chart as desired.*
     - ✓ *Address additional concerns.*

9:30-10:30…..<u>Review Exemplar Earthquake Lesson</u> <u>(Whole Group)</u>

NOTE: Presenter will have copies of all three lessons and detailed notes are in the PowerPoint. View the PowerPoint Lesson Review for "Whole Lot of Shakin' Goin' On"

- Engage: Video
- Explore: **HO 3** Seismic Times (Teachers complete this phase of the lesson by collecting data related to earthquakes and create a data table)
- Explain: Discuss the data using questions from the lesson.
- Elaborate: **HO 4** Earthquake Distribution and Map
- Extend: **HO 5** Entire Lesson Plan, review building design sections

10:30-11:30….. Evaluation of the Lesson

- **HO 6:** Documentation Template
- Groups: Evaluate evidence for Practices and Cross-Cutting Concepts that are embedded in the lesson.
- Each participant review and annotate the lesson using the Documentation Template.
- Suggest additional Practices and CCC that could be added to the lesson

11:30-12:30…. Lunch

12:30-1:30….. Explore and Evaluate Elements Using Legos Lesson <u>(Group Work).</u>

- **HO 7:** Elements with Legos Lesson
- Each group work through the process for evaluating and modifying NGSS lesson.
- Presenter will facilitate and answer questions as groups progress (gradual release).
- Participants review the new lesson changes and additions.

12:30-2:00….. Explore and Evaluate the Genetics Lesson

- **HO 8:** It's in the Genes Lesson
- Each group work through process for evaluating and creating an NGSS lesson.

2:00-3:00….. <u>Groups present ideas on lesson additions to whole group for comparison.</u>

3:00-3:30….. <u>Review and Close</u>- Provide reflection sheet/evaluation/3-2-1 Strategy Activity.