

## Science Vertical PLC

November 30, 2016

2:00pm - 4:00pm

Nadine Weirather's Room

### **Attendees:**

Facilitator: Nadine Weirather

Alicia Schiller, Allison Krehbiel, Diane Kruse, Mary Dodds, Kirsten Juarez, Terry Soli, Deb Boeck, Andrea Hopp, Jamey Sue Smith, (Mr. Crozier, Gary, Chris, & Jason stopped in)

### **Agenda:**

1. Spreadsheet of resources/materials needs to be completed for Mr. Crozier
2. Science Vertical Alignment 2016-2017- need to add to the list a unit that you deleted
3. Goals-for the year
  - a. Downloading the standards- **Completed :)**
  - b. Deleted a unit that is no longer in your grade level standards- 2nd, 6th, 8th, & HS are done
  - c. **Begin using Science and Engineering Practices vocabulary in your lessons.- Nadine will create a 3 question survey for the**
    - i. **On a weekly average/units, how often do you include SEPs ?**
    - ii. **Which SEPs do you use more often?**
    - iii. **What vocabulary do you use to support SEPs in the classroom?**
4. Integrating Science Practices into Assessment Tasks-article
5. YouTube Videos from National Science Teachers Association- Next Generation Science Standards and Classroom Instruction Playlist-  
[https://www.youtube.com/playlist?list=PL2pHc\\_BEFW2JwenDjQJNzRQO82Aci4d6Y](https://www.youtube.com/playlist?list=PL2pHc_BEFW2JwenDjQJNzRQO82Aci4d6Y)  
NGSS in the Elementary Classroom Playlist-  
[https://www.youtube.com/playlist?list=PL2pHc\\_BEFW2JrLB-HsjD4\\_WONV6EB8MB-](https://www.youtube.com/playlist?list=PL2pHc_BEFW2JrLB-HsjD4_WONV6EB8MB-)
6. Visual on the board- **Allison will insert a photo**
7. EQUiP Rubric-Version 3.0
  - a) Paper copy was handed out
  - b) Video from The Teaching Channel- Overview of the Equip Rubric
    - a. <https://www.teachingchannel.org/videos/ngss-rubric-intro-achieve>
  - c) Websites:
    - a. NGSS on NSTA
      1. <http://ngss.nsta.org/Classroom-Resources.aspx>
    - b. Teachers Try Science- 5th grade and up
      2. <http://www.teacherstryscience.org/ngsslanding>
  - d) ESRI Edcommunit
    - i. <http://edcommunity.esri.com/Resources/Collections/geoinquiries>
8. Handouts
  - a. Qualities of a Good Anchor Phenomenon for a Coherent Sequence of Science Lessons
  - b. What are phenomena?
  - c. Checking Alignment of Student/Classroom Artifacts to the DCI & CCS
  - d. EQUiP-ped for Success
  - e. Teacher's Toolkit- A visual representation of three-dimensional learning: A tool for evaluating curriculum

9. Using the *EQUIP-ped for Success* article, evaluate one activity/lesson/unit that you are currently teaching.
10. Today's charge:  
Make sure the chart is filled in with one unit you are deleting and resources you need  
Elementary-share with your PLCs that one goal at CL to include the vocabulary of both  
SEP & CCS in your classrooms.  
Next meeting: February 2017