

SCIENCE PLC AGENDA

1. Present district PLC LEAP data
 - a. Looking at this data, which category are our students the weakest in?
 - b. Reference the poster and discuss which specific skills in this category your students struggle with the most. Share ideas
 - c. Distribute School Level LEAP data
 - i. Looking at this data how does your school compare with the district?
 - ii. Which types of activities would help your students improve in areas of weakness?
2. Present district 4.5 district test data
 - a. Hand out copies of the 4.5 test that students have taken
 - b. Explain WHY we designed the 4.5: To focus on the categories we just discussed. The 4.5 is about the process of “doing” science.
 - c. Which of the skills included within this 4.5 are also included in the reporting categories poster?
 - d. Hand out Achievement Level Descriptors
 - i. Compare the 4.5 assessment to the correlating achievement level descriptor
 - ii. Where would students who can do this task fall within these levels?
 - iii. Distribute 4.5 School level data
 - iv. How do your students compare to the district?
 - v. Which skills do your students need to work on the most?
3. Model for Teachers PLC work around a 4.5 Student sample
 - a. Read the student response aloud
 - b. What does this student KNOW about the science processes?
 - c. What does this student NOT KNOW about the science processes?
 - d. What **experience** or **process** does this student need to be engaged in to address weaknesses or push them further?
4. Teachers work in PLC's
 - a. Examine Teacher 1 student sample and answer 4 questions
 - b. Repeat this process with student samples from all teachers
5. How can IQWST help us to address these science processes?
 - a. Share a sample IQWST lesson
 - b. Compare this lesson to the reporting categories? Which skills does it address?
 - c. Compare this lesson to the Achievement Level descriptors? Which skills does it address?
 - d. Compare this lesson to the upcoming 4.5. How will it help to prepare students for this challenge?

HOMEWORK: Engage your students in science processes! Try out an IQWST activity! Have student data for the next 4.5 entered in illuminate by January 7th.