

Science Institute

The GEAR UP Science Institute will be an exciting training opportunity for Physical Science, Biology, Chemistry and Physics teachers to acquire additional skills and strategies to engage students and build science confidence. The Science Institute has three parts: an eight day teacher institute, a fall site visit and a spring follow up session.

Teacher Institute

The knowledge and skills that teachers will experience in the Science Teacher Institute include classroom strategies that model science reasoning activities found in the ACT College Readiness Standards Score Ranges of 24-36. The participants will also improve strategies for teaching the Common Core Standards for high school science.

The Science Teacher Institute will be conducted for eight days. There will be two four day sessions. All teachers must agree to attend sessions. The location of the training is Southwestern Oklahoma State University (SWOSU) in Weatherford. The sessions will run from 9:00 am – 3:30 pm daily. There will be some variation in the daily time schedule on field days.

Fall Site Visits and Spring Follow-Up Session

The Science Institute consultant will co-plan with science teachers a lesson plan to be implemented in their classrooms in the fall. The plan will be based on the summer training activities. The consultant will observe in the classroom of the participant teacher during a class session, then meet and discuss strategies with the teacher. The Science Institute teachers will return to SWOSU for a final follow up day in spring .

School and Teacher Expectations:

- All teacher training materials will be paid through the GEAR UP subgrant.
- Science teacher participants will attend all eight days of summer institute training.
- Teacher participants will return for the final follow up day in Weatherford in the following spring.
- The district will support the teacher in completing the Science Institute and follow up activities, including the visit by the consultant to the school site.

NOTE: Expenditure procedures should always follow district policy guidelines.