**Regional Session 2: Arizona Science Coordinator Collaborative Notes**

**Central and Southern Regions included**

**Critical Issues:**

* District strategic plan doesn’t include science
* Lack of teacher and student engagement in science
* Funding for science professional development and support
* Inclusion and relevance of individuals; inclusion in the community surrounding the content area
* Low emphasis on science in K-12

**Constraints**

* Money/funding
* New leadership-defining priorities
* Lack of science instruction in the classroom
* Obtaining quantitative data on perceptions
* Timing on initiatives and activities
  + -standards-assessment-curriculum-PD
* Equity awareness and community involvement
* Need channels of communication
* Veteran teachers may be reluctant to change
* Time – of course
* Money

**Opportunities**

* Support (in vision/ importance)
* Principal support at sites
* Connect to math/ELA initiatives
  + -item bank-curriculum maps-adoptions-research
* Preparing for 2021 science assessment change
* Community collaborations for PDS
* Tap into teacher leaders
* New teachers, principals, etc. coming in bring new ideas, are not a problem to deal with
* Capturing Kids Hearts
* Superintendent has called for a district science committee
* Growth Mind Set directive from district
* The Change Game
* 1:1 just started; chrome books for all
* New Science Standards coming focus on *practice*

**Research Needs**

* How science instruction impacts scores/knowledge in ELA, math, other subjects
* Seeds of science
* Impact of Habits of Mind and Systems Thinking on learning

**For next time…..**

* Research connecting to math/ELA
  + Alhambra will share what they found
* Shift from direct instruction
  + I do/we do/you do to more inquiry based- How do we make this shift and connect to other disciplines?
* What resources are others using that they like?
* Share successful strategies
* Send topics of needed research so that those with access to the research can find it and send it out

**Supports:**

* How to implement within context of other initiatives- not one more thing
* Examples of strategic plans
* Communication strategies…examples
* Search the University-accessible resources for needed research
* Facilitate The Change Game for district and science committee
* Provide Systems Thinking and Habits of Mind instruction