Orientation
Summer 2021
Welcome

**Introductions**

Ice Breaker:

**Push and Pull Activity**
Orientation

KUSE Survey: Will email link after orientation

Goals and Expectations

Schedule and Sign Ups

Paperwork:
1. Photo Release Form
2. Application documents

Data Collection
STEMSS Goals

- To develop strategies, technology tools and instructional materials for teachers that drive improvement of academic vocabulary for ELs in the classroom
- To professionally develop teachers’ use and implementation of technologies, strategies, and instructional materials that drive improvement of academic vocabulary of ELs in the classroom
- To create and implement parent/family events that build knowledge and familiarity with technologies and instructional strategies that will enable them to help develop academic vocabulary of ELs at home
STEMSS Benefits

- Support to improve instruction of ELs/DLs in your classroom
- 9 months of on-going PD workshops and institutes, individual teacher coaching support, and eLearning tools and resources
- Access to a lending library
- New resources to support parents and families
- 60 recertification hours
- Stipend ($1000+)
- Financial support for you to share your learning at local and national conferences
- Access to geography resources and field experiences

Additional opportunities:
- National Geographic Certification
- A chance to become a certified Teacher Consultant through the Arizona Geographic Alliance
Stipend

Part 1: ($1000)
- Complete virtual PD series including Orientation, Initial Strategies module, Going Beyond Strategies session, Family Engagement session, STEMSS for Culturally and Linguistically Diverse students session, a minimum of 3 STEMSS modules, 2 field trips, lesson peer presentation event, and three additional PDs (options will be provided).
  *Synchronous participants' PD series - Friday/Saturday sessions in June + one optional PD
- Develop, pilot, and submit for publication to AZGA original STEMSS lesson
- Commit to continuing PD application in the classroom the 2021-22 school year

Part 2: ($500)
- Conduct family/community engagement event
- Conduct PD session using BINKO of your original STEMSS lesson for colleagues at school, district, or at local/national conference
- Conduct pre/post data collection including surveys, observations, focus groups, and vocabulary
STEMSS Participant Responsibilities

- PD Involvement *reviewed during orientation
- Coaching/Mentoring and 2 Observation and Reflection Sessions
- Video/photo/journal Reflections
- STEMSS Lesson (create, pilot, publish)
- PD Presentation Event (School, District, Local/State/national Conference)
- Vocabulary assessment data: Pre/Post Vocabulary
- Control teacher: Assist in finding a matching teacher to also administer assessments
- Complete surveys and focus groups
STEMSS Online Institute
Summer 2021

- Complete Pre KUSE
- Complete Initial Module: STEMSS Strategies
- Schedule Going Beyond Strategies and Family Engagement Sessions
- Asynchronous participants - 6/4&5, 6/11&12, 6/18&19, 6/24&25 (Fri 4:30-7, Sat 9-3)
- Asynchronous participants - Plan time for:
  - STEMSS Modules *will include BINKO, SIOP, Standards, and Lesson brainstorming and mentoring
  - STEMSS for CLD Students Session
  - Two Independent Field Trips
  - Lesson Planning
  - Lesson Peer Presentation Session
  - 3 choice PD sessions *list will be provided with options
- Present lesson and participate in peer-review session 7/17 *plan for 9-5
Video Journaling

Examples
Tips
Group Work
Sharing
Posting to Flipgrid: https://flipgrid.com/09d3d3b6
Password: STEMSSflipgrid
Other Options: Photo/Journal Reflections

Orientation Journal Questions:
Who are you?
What are your passions?
Why are you choosing to join us on this adventure?
Reflections

Throughout the modules you will have opportunities to reflect on learning and experiences. At the end of the month and then again at the end of the next school year we will ask you to do additional video reflections to capture how this PD has supported your growth in finding ways to support ELs while teaching content. We call this ScienceTelling and this can be done via video journaling, podcasting, using an interactive notebook, or using the Google docs we provide in the modules.

In addition, we have a Facebook page you can post on and where we continue to share STEMSS resources for TLLs. If you are willing: Share to @STEMSS educator